



Department for
Business, Energy
& Industrial Strategy



QUARTERLY ENERGY PRICES TABLES ANNEX, MARCH 2018



March 2018

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Update Timetable

All tables will be updated in the June 2018 edition with the following exceptions:

<i>Table</i>	<i>Next update</i>
2.1.1	April 2018
2.1.2	April 2018
2.1.3	April 2018
2.2.5	July 2018
2.3.5	July 2018
2.6.2	March 2019
4.1.1	April 2018
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5.4.1	April 2018
5.6.1	April 2018
5.8.1	April 2018
5.10.1	April 2018
Annex C	As duty rates change

Table 2.1.1 Consumer prices index: fuel components⁽¹⁾⁽²⁾**United Kingdom**

		Solid fuels	Gas	Electricity	Liquid fuels	Domestic fuels ⁽³⁾	Motor fuel & oil ⁽⁴⁾	CPI ⁽⁵⁾ all Items
		Current fuel price index numbers 2010=100						
1996		44.9	43.3	62.4	34.8	51.6	48.2	77.0
1997		45.4	42.9	59.3	32.0	50.1	53.0	78.4
1998		45.9	41.4	56.6	24.8	48.0	55.5	79.6
1999		46.8	41.4	56.0	28.0	48.0	60.3	80.6
2000		47.6	40.5	54.8	42.9	48.0	68.2	81.3
2001		49.7	41.7	54.3	40.3	48.3	64.7	82.3
2002		52.3	44.3	54.5	36.4	49.3	62.7	83.3
2003		53.3	45.3	55.1	40.3	50.2	64.9	84.5
2004		56.2	48.4	58.4	47.6	53.7	68.5	85.6
2005		61.9	55.3	64.5	64.7	60.7	74.5	87.4
2006		66.6	72.6	78.6	73.5	75.7	78.6	89.4
2007		71.4	78.2	84.9	73.2	81.1	80.9	91.5
2008		84.9	93.4	98.1	109.3	96.1	92.9	94.7
2009		100.0	105.9	102.6	76.9	103.0	85.7	96.9
2010		100.0	100.0	100.0	100.0	100.0	100.0	100.0
2011		104.9	110.9	107.3	126.7	110.0	114.7	104.5
2012		108.5	122.6	113.3	130.4	118.7	116.9	107.5
2013		110.2	131.9	121.8	130.8	127.2	115.6	110.2
2014		113.3	138.1	128.4	116.0	132.7	109.9	111.9
2015		113.5	131.9	128.0	81.8	128.4	95.4	111.9
2016		113.3	124.1	127.8	72.9	124.5	93.1	112.6
2017		115.9	122.7	136.4	90.4	129.3	100.8	115.7
% Change								
2016-2017		+2.3	-1.2	+6.7	+24.0	+3.8	+8.2	+2.7
2015	Q3	112.1	131.0	127.9	77.9	127.7	96.7	112.0
	Q4	114.1	129.0	127.9	72.0	126.7	91.5	112.2
2016	Q1	114.1	127.3	127.9	61.0	125.4	86.9	111.6
	Q2	113.1	123.1	127.7	69.2	123.9	92.6	112.3
	Q3	111.4	123.1	127.7	74.5	124.1	94.9	112.9
	Q4	114.8	123.1	127.7	87.0	124.9	98.2	113.5
2017	Q1	116.1	122.6	128.2	93.5	125.3	102.3	114.1
	Q2	115.2	122.3	135.7	85.3	128.5	99.6	115.4
	Q3	114.4	123.1	139.2	85.2	130.6	99.1	116.0
	Q4	117.7	123.1	142.3	97.7	132.7	102.0	117.0
% Change								
Q4 2016-Q4 2017		+2.6	+0.0	+11.4	+12.3	+6.3	+3.9	+3.1

Source : Office for National Statistics (ONS)

(1) Series are annually weighted. Figures include VAT where applicable. The VAT rate for coal and coke, gas, electricity and heating oils was 8% from the 2nd quarter of 1994 and 5% from the 4th quarter of 1997 (the rate changed on 1st September.)

(2) Monthly figures are available in Table 2.1.3 on the BEIS website.

(3) Aggregate of individual solid fuels, gas, electricity and liquid fuels indices.

(4) ULSP, ULSD & motor oil. Other fuels are as defined by ONS. See Annex A for further details.

(5) Excludes the measure of owners occupiers' house costs and council tax in CPIH.

Table 2.1.2 Consumer prices index: fuel components, relative to GDP deflator⁽¹⁾⁽²⁾⁽³⁾

United Kingdom

		Solid fuels	Gas	Electricity	Liquid fuels	Domestic fuels ⁽⁴⁾	Motor fuel & oil ⁽⁵⁾	CPI ⁽⁶⁾ all Items	GDP deflator
Fuel price index numbers 2010=100 relative to the GDP deflator									
1996		58.8	56.6	81.6	45.6	67.5	63.0	100.7	76.46
1997		58.8	55.6	76.8	41.4	64.9	68.6	101.6	77.17
1998		58.7	53.1	72.5	31.7	61.5	71.1	102.0	78.07
1999		59.4	52.6	71.1	35.6	61.0	76.6	102.5	78.71
2000		59.2	50.4	68.2	53.4	59.8	84.9	101.2	80.32
2001		61.4	51.5	67.0	49.8	59.6	79.9	101.6	81.01
2002		63.2	53.5	65.9	43.9	59.5	75.7	100.6	82.82
2003		62.9	53.3	64.9	47.5	59.2	76.5	99.6	84.82
2004		64.6	55.7	67.2	54.7	61.7	78.8	98.4	86.94
2005		69.3	61.9	72.3	72.5	68.0	83.5	97.9	89.24
2006		72.5	78.9	85.5	79.9	82.4	85.5	97.2	91.95
2007		75.7	82.9	90.0	77.6	86.0	85.8	97.0	94.32
2008		87.5	96.3	101.1	112.7	99.1	95.8	97.7	96.98
2009		101.6	107.6	104.2	78.2	104.6	87.0	98.4	98.45
2010		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.00
2011		102.8	108.8	105.2	124.2	107.8	112.4	102.4	102.01
2012		104.7	118.3	109.4	125.9	114.6	112.8	103.7	103.61
2013		104.4	125.0	115.3	123.9	120.5	109.5	104.4	105.58
2014		105.5	128.6	119.6	108.0	123.6	102.4	104.2	107.39
2015		105.2	122.3	118.7	75.8	119.0	88.4	103.7	107.88
2016		103.0	112.8	116.2	66.3	113.2	84.7	102.4	110.01
2017		103.2	109.3	121.4	80.5	115.1	89.7	103.0	112.29
% Change									
2016-2017		+0.2	-3.2	+4.5	+21.5	+1.7	+6.0	+0.6	+2.1
2015	Q2	104.3	121.9	117.9	81.6	118.6	91.4	103.2	108.47
2015	Q3	103.8	121.3	118.4	72.1	118.3	89.5	103.7	108.01
2015	Q4	106.0	119.9	118.9	66.9	117.7	85.0	104.3	107.61
2016	Q1	104.7	116.8	117.4	56.0	115.1	79.8	102.4	108.97
2016	Q2	103.0	112.2	116.3	63.0	112.9	84.3	102.3	109.73
2016	Q3	100.9	111.5	115.7	67.5	112.5	86.0	102.3	110.36
2016	Q4	103.4	110.9	115.0	78.4	112.6	88.5	102.3	110.96
2017	Q1	104.1	109.8	114.9	83.8	112.3	91.7	102.3	111.57r
2017	Q2	102.7	109.1	121.0	76.0	114.6	88.8	102.9	112.14r
2017	Q3	101.7	109.4	123.7	75.7	116.0	88.1	103.1	112.53r
2017	Q4	104.3	109.0	126.0	86.6	117.6	90.4	103.7	112.88
% Change									
Q4 2016-Q4 2017		+0.8	-1.7	+9.5	+10.4	+4.5	+2.1	+1.3	+1.7

Source : Office for National Statistics (ONS)

(1) Series are annually weighted. Figures include VAT where applicable. The VAT rate for coal and coke, gas, electricity and heating oils was 8% from the 2nd quarter of 1994 and 5% from the 4th quarter of 1997 (the rate changed on 1st September.)

(2) Deflated using GDP (market prices) deflator

(3) Monthly figures are available in Table 2.1.3 on the BEIS website.

(4) Aggregate of individual solid fuels, gas, electricity and liquid fuels indices.

(5) ULSP, ULSD & motor oil. Other fuels are as defined by ONS. See Annex A for further details.

(6) Excludes the measure of owners occupiers' house costs and council tax in CPIH.

2.1.3 Consumer prices index: fuel components, monthly figures⁽¹⁾

United Kingdom

		Solid			Liquid	Domestic	Motor	CPI ⁽⁴⁾	
		fuels	Gas	Electricity	fuels	fuels ⁽²⁾	fuel & oil ⁽³⁾	all	
		Current fuel price index numbers							Items
2013	January	109.5	129.9	119.6	134.7	125.4	114.3	108.6	
2013	February	109.8	131.3	121.0	143.2	127.1	117.6	109.4	
2013	March	109.2	131.3	121.0	141.5	127.0	119.4	109.7	
2013	April	109.2	131.3	121.0	133.9	126.7	117.2	110.0	
2013	May	109.4	131.3	121.0	125.0	126.3	114.6	110.2	
2013	June	109.3	131.3	121.0	124.7	126.3	115.4	110.0	
2013	July	109.6	131.3	121.4	128.0	126.7	115.9	110.0	
2013	August	109.5	131.3	121.4	128.0	126.7	117.6	110.4	
2013	September	110.1	131.3	121.4	131.1	126.8	117.3	110.9	
2013	October	111.4	131.3	121.4	127.1	126.7	113.6	110.9	
2013	November	112.4	131.3	121.4	124.7	126.6	112.2	111.0	
2013	December	112.6	140.1	129.3	128.4	134.7	112.8	111.4	
2014	January	113.3	138.8	129.1	125.1	133.8	112.2	110.7	
2014	February	113.3	139.1	129.3	125.3	134.0	111.5	111.3	
2014	March	113.2	138.7	129.1	121.7	133.5	111.5	111.5	
2014	April	113.4	138.0	128.3	119.6	132.7	111.4	112.0	
2014	May	112.5	138.0	128.3	118.3	132.7	111.6	111.9	
2014	June	112.3	138.0	128.3	117.5	132.6	111.9	112.1	
2014	July	112.1	138.0	128.3	116.4	132.6	112.5	111.7	
2014	August	111.9	138.0	128.3	116.7	132.6	110.9	112.1	
2014	September	112.5	138.0	128.3	115.0	132.5	110.2	112.2	
2014	October	114.6	138.0	128.3	109.5	132.3	108.2	112.3	
2014	November	114.8	138.0	128.3	108.1	132.2	105.6	112.0	
2014	December	114.8	138.0	128.3	99.3	131.8	100.9	112.0	
2015	January	114.6	137.3	128.3	86.7	131.1	94.0	111.1	
2015	February	114.6	136.4	128.3	91.0	130.8	93.0	111.3	
2015	March	114.8	132.8	128.3	88.3	129.1	96.2	111.5	
2015	April	114.9	132.7	128.0	88.5	129.0	97.6	111.7	
2015	May	112.5	131.9	128.0	89.8	128.6	99.4	112.0	
2015	June	112.1	131.9	127.9	87.4	128.5	100.2	112.1	
2015	July	112.0	131.9	127.9	83.7	128.4	99.6	111.9	
2015	August	112.0	131.9	127.9	74.4	128.0	96.7	112.2	
2015	September	112.4	129.0	127.9	75.6	126.8	93.9	112.1	
2015	October	113.8	129.0	127.9	75.6	126.8	93.0	112.2	
2015	November	114.1	129.0	127.9	73.0	126.7	92.0	112.2	
2015	December	114.1	129.0	127.9	67.3	126.6	89.4	112.2	
2016	January	114.1	129.0	127.9	61.2	126.2	87.1	111.3	
2016	February	114.2	128.1	127.9	58.6	125.7	86.3	111.6	
2016	March	114.0	124.8	127.9	63.2	124.4	87.3	112.1	
2016	April	114.2	123.1	127.7	64.7	123.6	90.3	112.1	
2016	May	112.8	123.1	127.7	68.7	123.7	92.7	112.3	
2016	June	111.9	123.1	127.7	74.2	124.1	94.8	112.5	
2016	July	111.0	123.1	127.7	74.4	124.1	95.4	112.5	
2016	August	111.1	123.1	127.7	72.9	124.0	94.1	112.9	
2016	September	112.0	123.1	127.7	76.2	124.3	95.2	113.1	
2016	October	114.0	123.1	127.7	86.9	124.9	97.4	113.2	
2016	November	114.8	123.1	127.7	83.4	124.8	98.9	113.4	
2016	December	115.4	123.1	127.7	90.6	125.2	98.4	114.0	
2017	January	115.7	122.6	127.7	96.0	125.2	101.8	113.4	
2017	February	116.2	122.6	127.7	94.5	125.2	103.0	114.2	
2017	March	116.2	122.6	128.9	89.8	125.5	102.2	114.7	
2017	April	116.3	121.9	132.1	89.9	126.8	100.7	115.1	
2017	May	114.8	122.4	137.5	83.7	129.4	99.6	115.5	
2017	June	114.5	122.4	137.5	82.2	129.4	98.6	115.5	
2017	July	114.4	123.1	139.2	81.5	130.4	97.3	115.4	
2017	August	114.4	123.1	139.2	85.3	130.6	99.0	116.1	
2017	September	114.4	123.1	139.2	88.8	130.7	101.0	116.4	
2017	October	116.8	123.1	142.3	89.7	132.3	100.7	116.6	
2017	November	118.0	123.2	142.3	98.0	132.7	102.3	117.0	
2017	December	118.4	123.2	142.3	105.6	133.0	103.1	117.3	
2018	January	118.6	123.4	142.3	106.9	133.1	103.9	116.8	
2018	February	118.6	123.4	142.3	105.1	133.1	103.8	117.3	
Per cent change⁽⁵⁾		+2.1	+0.6	+11.4	+11.2	+6.4	+0.8	+2.7	

Source : Office for National Statistics

(1) Figures include VAT where applicable. The VAT rate for coal and solid fuels, gas, electricity and heating oils was 8 per cent from the second quarter of 1994 and 5 per cent from 01/09/97.

(2) Aggregate of individual solid fuels, gas, electricity and liquid fuels indices.

(3) ULSP, ULSD & motor oil.

(4) Excludes the measure of owners occupiers' house costs and council tax in CPIH.

(5) Per cent change is on a year ago

Other fuels are as defined by ONS

Table 2.2.1 Average annual domestic Standard Electricity bills by home and non-home supplier based on consumption of 3,800kWh/year⁽¹⁾

United Kingdom

	Pounds												
	Standard credit			Direct debit			Prepayment			Overall			UK
	Home suppliers	Non-home suppliers	All consumers	Home suppliers	Non-home suppliers	All consumers	Home suppliers	Non-home suppliers	All consumers	Home suppliers	Non-home suppliers	All consumers	
Cash terms													
1996	..	..	336	..	..	330	..	..	359				338
1997	..	..	322	..	..	315	..	..	342				323
1998	..	..	303	..	..	293	..	..	323				303
1999	301	277	299	290	265	287	318	306	318				298
2000	294	273	291	283	262	278	312	309	311				289
2001	288	268	283	278	258	271	304	297	303				282
2002	290	264	282	281	253	269	306	290	300				280
2003	292	268	283	282	257	270	304	296	301				281
2004	300	275	291	292	262	277	318	299	311				288
2005	334	308	322	321	291	305	350	337	345				318
2006	388	376	382	371	343	355	402	414	407				374
2007 ⁽³⁾	442	408	428	420	378	395	450	441	446				415
2008	511	468	492	489	430	454	521	507	514				477
2009	532	481	507	501	446	466	535	501	519				488
2010	517	469	493	484	436	453	522	489	505	503	453		474
2011	554	515	533	516	481	493	558	529	542	537	497		513
2012	584	549	565	543	511	521	588	552	568	565	527		542
2013	621	588	602	579	548	557	625	594	605	601	565		577
2014 ⁽⁴⁾	641	602	619	590	560	570	646	608	623	617	578		592
2015 ⁽⁴⁾	635	600	615	578	549	558	638	605	618	606	570		583
2016	642	611	624	583	548	559	640	612	623	610	572		586
2017	697	654	670	635	590	601	626	616	619	652	607		619
% Change													
2016-2017	+8.7	+7.0	+7.4	+9.0	+7.7	+7.5	-2.2	+0.6	-0.6	+6.8	+6.1		+5.7
Real terms⁽²⁾													
1996	..	..	439	..	..	432	..	..	470				442
1997	..	..	418	..	..	408	..	..	444				419
1998	..	..	388	..	..	375	..	..	414				388
1999	382	352	379	368	336	365	404	389	404				378
2000	366	339	362	352	326	346	388	385	386				360
2001	356	331	349	343	318	335	375	366	373				348
2002	350	318	340	339	306	325	369	350	362				338
2003	344	316	334	332	303	319	358	349	356				331
2004	345	316	334	336	302	319	366	344	357				331
2005	374	345	361	360	326	342	393	377	386				357
2006	422	409	416	404	373	387	438	450	443				407
2007 ⁽³⁾	469	433	454	446	401	419	477	468	474				440
2008	527	483	507	505	444	468	538	522	531				492
2009	541	488	515	508	452	473	544	509	526				496
2010	517	469	493	484	436	453	522	489	505	503	453		474
2011	543	505	523	506	471	483	547	518	531	526	487		503
2012	564	531	546	524	493	504	568	533	548	546	509		523
2013	588	557	570	548	519	527	592	562	573	569	535		547
2014 ⁽⁴⁾	597	561	576	550	522	531	602	567	580	575	538		552
2015 ⁽⁴⁾	589	556	570	536	509	518	591	561	573	562	529		541
2016	583	556	567	530	498	508	582	556	566	555	520		532
2017 ^(p)	621	582	597	565	525	535	557	549	551	581	541		551
% Change													
2016-2017	+6.5	+4.8	+5.2	+6.8	+5.5	+5.4	-4.2	-1.4	-2.6	+4.6	+4.0		+3.6

(1) Bills up to (and including) 2006 relate to total bill received in the year, e.g. covering consumption from Q4 of the previous year to Q3 of the named year. Bills up to 1998 relate to home supplier only.

All bills are calculated assuming an annual consumption of 3,800 kWh. Figures are inclusive of VAT.

Home supplier denotes the former public electricity suppliers within their own distribution areas.

Non-home suppliers are new entrant suppliers and the former electricity suppliers outside of their own areas.

(2) Bills deflated to 2010 terms using the GDP (market prices) deflator.

(3) Bills from 2007 onwards are subject to a change in methodology. Bills relate to the calendar year, i.e. covering consumption from Q1 to Q4 of the named year. More information can be found in the methodology note at:

<https://www.gov.uk/government/publications/domestic-energy-prices-data-sources-and-methodology>

(4) In 2014 and 2015 a £12 Government rebate was applied to electricity bills for all customers in Great Britain. This is included in the figures above.

Note: r's indicate revised data. An r in the date column indicates all data in the row has been revised.

Note: p's indicate provisional data. A p in the date column indicates all data in the row is provisional.

Table 2.2.1 Average annual domestic Economy 7 Electricity bills by home and non-home supplier based on consumption of 6,000kWh per year⁽¹⁾

United Kingdom

Pounds

	Standard credit			Direct debit			Prepayment			Overall		UK
	Home suppliers	Non-home suppliers	All consumers	Home suppliers	Non-home suppliers	All consumers	Home suppliers	Non-home suppliers	All consumers	Home suppliers	Non-home suppliers	
Cash terms												
2004	359	332	347	345	315	334	366	341	358			344
2005	395	363	386	380	343	364	400	380	393			378
2006	462	439	454	441	404	423	469	467	468			443
2007 ⁽³⁾	539	497	525	515	463	490	541	524	534			511
2008	643	589	624	622	545	582	633	602	619			604
2009	683	627	662	648	584	612	677	622	650			637
2010	669	618	649	628	575	598	656	608	633	650	593	621
2011	722	677	704	679	626	648	710	683	696	701	650	675
2012	763	742	754	715	672	690	743	740	742	738	704	719
2013	816	801	809	772	728	745	813	807	810	796	762	776
2014 ⁽⁴⁾	846	830	839	791	748	766	846	834	840	821	784	802
2015 ⁽⁴⁾	840	824	833	783	740	758	842	831	836	815	779	795
2016	851	834	844	793	732	757	852	839	845	824	777	799
2017	932	902	917	868	787	814	818	779	798	876	808	836
% Change												
2016-2017	+9.5	+8.1	+8.7	+9.5	+7.5	+7.5	-4.0	-7.1	-5.6	+6.3	+4.1	+4.7
Real terms ⁽²⁾												
2004	413	381	400	397	362	384	421	392	412			396
2005	442	407	432	425	385	408	449	426	440			424
2006	502	478	494	480	440	461	510	508	509			482
2007 ⁽³⁾	572	527	557	547	491	519	574	556	566			542
2008	663	608	643	642	562	600	653	620	638			623
2009	694	637	672	658	593	622	688	631	660			646
2010	669	618	649	628	575	598	656	608	633	650	593	621
2011	708	663	690	665	613	635	696	669	682	687	637	661
2012	737	716	728	691	649	666	718	715	716	713	680	695
2013	773	758	766	731	689	705	770	764	767	753	721	735
2014 ⁽⁴⁾	788	773	782	737	697	713	789	777	783	765	731	747
2015 ⁽⁴⁾	779	764	772	726	686	702	781	770	775	755	722	737
2016	774	758	767	720	665	688	774	762	768	749	706	726
2017	830	803	817	773	701	725	728	694	711	780	720	744
% Change												
2016-2017	+7.3	+6.0	+6.5	+7.3	+5.4	+5.4	-5.9	-9.0	-7.5	+4.1	+2.0	+2.5

(1) Bills up to (and including) 2006 relate to total bill received in the year, e.g. covering consumption from Q4 of the previous year to Q3 of the named year. All Economy 7 bills are calculated assuming an annual consumption of 6,000 kWh, of which 3,000 kWh are off-peak. Figures are inclusive of VAT. Home supplier denotes the former public electricity suppliers within their own distribution areas.

Non-home suppliers are new entrant suppliers and the former electricity suppliers outside of their distribution areas.

(2) Bills deflated to 2010 terms using the GDP (market prices) deflator.

(3) Bills after (and including) 2007 are subject to a change in methodology. Bills relate to the calendar year, e.g. covering consumption from Q1 to Q4 of the named year. More information can be found in the methodology note at:

<https://www.gov.uk/government/publications/domestic-energy-prices-data-sources-and-methodology>

(4) In 2014 and 2015 a £12 Government rebate was applied to electricity bills for all customers in Great Britain. This is included in the figures above.

Note: r's indicate revised data. An r in the date column indicates all data in the row has been revised.

Note: p's indicate provisional data. A p in the date column indicates all data in the row is provisional.

Table 2.2.2 Average annual domestic standard electricity bills for UK countries based on consumption of 3,800kWh/year⁽¹⁾

	Pounds								
	Standard credit			Direct debit			Prepayment		
	England & Wales	Scotland	Northern Ireland	England & Wales	Scotland	Northern Ireland ⁽⁵⁾	England & Wales	Scotland	Northern Ireland ⁽⁶⁾
Cash terms									
1996	334	336	410	328	332	411	357	355	441
1997	320	320	398	312	316	400	340	335	425
1998	301	311	369	291	307	360	321	326	391
1999	294	309	369	285	300	360	316	323	391
2000	286	304	348	276	294	340	308	317	356
2001	278	302	359	268	290	349	298	313	373
2002	276	302	368	266	291	358	296	314	364
2003	277	303	368	267	294	358	296	317	363
2004	284	324	372	272	309	362	303	337	369
2005	318	354	383	301	332	369	341	358	374
2006	379	409	407	352	380	393	403	433	397
2007 ⁽³⁾	426	448	426	394	408	412	446	466	416
2008	490	506	516	453	457	498	513	529	503
2009	502	530	592	462	479	570	512	533	577
2010	488	516	571	449	470	549	499	520	557
2011	529	551	603	490	505	580	537	548	588
2012	561	580	648	519	531	614	563	565	626
2013	599	616	634	555	564	600	605	609	608
2014 ⁽⁴⁾	616	623	685	568	571	645	621	617	662
2015 ⁽⁴⁾	614	619	641	557	562	613	618	614	618
2016	625	631	577	559	563	550	628	627	553
2017	673	674	558	601	606	549	623	627	548
% Change									
2016-2017	+7.7	+6.9	-3.4	+7.6	+7.6	-0.2	-0.9	-0.0	-0.9
Real terms⁽²⁾									
1996	436	439	536	429	434	538	467	464	577
1997	415	415	516	405	409	518	441	435	551
1998	385	399	472	372	393	461	411	418	501
1999	374	392	469	362	381	457	402	410	497
2000	356	379	434	344	366	423	384	395	443
2001	344	373	443	331	357	430	368	386	460
2002	333	365	444	321	351	432	357	379	439
2003	327	357	433	315	347	422	349	374	428
2004	327	373	428	313	356	417	348	388	424
2005	356	396	429	338	372	413	382	401	419
2006	412	445	442	383	413	427	439	471	432
2007 ⁽³⁾	451	475	452	418	432	437	473	494	441
2008	505	522	532	467	472	513	529	546	519
2009	510	538	601	469	487	579	520	542	586
2010	488	516	571	449	470	549	499	520	557
2011	519	540	591	480	495	569	527	538	576
2012	542	559	626	501	512	593	544	545	604
2013	568	583	600	525	534	569	573	577	576
2014 ⁽⁴⁾	574	580	638	529	532	600	578	574	617
2015 ⁽⁴⁾	569	574	594	517	521	568	573	569	572
2016	568	573	525	508	512	500	571	570	503
2017	601	602	498	537	541	490	556	560	489
% Change									
2016-2017	+5.8	+5.0	-5.1	+5.7	+5.7	-1.9	-2.6	-1.8	-2.7

(1) Bills up to (and including) 2006 relate to total bill received in the year, e.g. covering consumption from Q4 of the previous year to Q3 of the named year. Bills up to 1998 relate to home supplier only.

All bills are calculated assuming an annual consumption of 3,800 kWh. Figures are inclusive of VAT.

(2) Bills deflated to 2010 terms using the GDP (market prices) deflator.

(3) Bills from 2007 onwards are subject to a change in methodology. Bills relate to the calendar year, i.e. covering consumption from Q1 to Q4 of the named year. More information can be found in the methodology note at:

<https://www.gov.uk/government/publications/domestic-energy-prices-data-sources-and-methodology>

(4) In 2014 and 2015 a £12 Government rebate was applied to electricity bills for all customers in Great Britain. This is included in the figures above.

Note: r's indicate revised data. An r in the date column indicates all data in the row has been revised.

Note: p's indicate provisional data. A p in the date column indicates all data in the row is provisional.

Table 2.2.2 Average annual Economy 7 domestic electricity bills for UK countries based on consumption of 6,000kWh per year⁽¹⁾

Pounds									
	Standard credit			Direct debit			Prepayment		
	England & Wales	Scotland	Northern Ireland	England & Wales	Scotland	Northern Ireland ⁽⁵⁾	England & Wales	Scotland	Northern Ireland ⁽⁵⁾
Cash terms									
2004	346	410	..	329	391	..	350	395	..
2005	380	441	460	360	419	447	386	428	448
2006	451	498	488	420	468	461	464	507	475
2007 ⁽³⁾	521	571	512	487	525	493	529	580	499
2008	622	641	626	582	587	609	615	653	610
2009	658	693	704	610	633	687	647	674	687
2010	643	698	684	594	636	667	630	646	667
2011	699	742	721	645	686	701	695	703	703
2012	747	811	786	685	746	761	742	737	763
2013	804	858	791	739	805	769	807	832	765
2014 ⁽⁴⁾	833	890	852	760	828	816	834	872	826
2015 ⁽⁴⁾	827	888	794	751	827	777	832	870	769
2016	839	899	715	751	829	682	842	881	684
2017	914	965	691	808	877	685	790	852	702
% Change									
2016-2017	+9.0	+7.4	-3.3	+7.6	+5.9	+0.4	-6.2	-3.3	+2.7
Real terms⁽²⁾									
2004	398	472	..	378	450	..	402	454	..
2005	426	495	516	404	470	501	433	480	502
2006	490	542	531	457	509	501	505	551	517
2007 ⁽³⁾	553	606	543	516	557	522	561	615	529
2008	642	661	646	600	605	628	634	674	629
2009	669	704	715	620	643	698	657	685	697
2010	643	698	684	594	636	667	630	646	667
2011	685	727	707	632	672	687	682	689	689
2012	721	783	759	661	720	734	716	712	737
2013	762	812	749	700	762	729	764	788	724
2014 ⁽⁴⁾	776	829	793	707	771	760	777	812	769
2015 ⁽⁴⁾	767	823	736	696	766	720	771	807	713
2016	762	817	649	682	753	620	765	801	621
2017	816	861	617	721	783	612	705	761	627
% Change									
2016-2017	+7.0	+5.5	-5.0	+5.8	+4.0	-1.4	-7.8	-5.0	+0.8

(1) Bills up to (and including) 2006 relate to total bill received in the year, e.g. covering consumption from Q4 of the previous year to Q3 of the named year.

All Economy 7 bills are calculated assuming an annual consumption of 6,000 kWh, of which 3,000 kWh are off-peak. Figures are inclusive of VAT.

(2) Bills deflated to 2010 terms using the GDP (market prices) deflator.

(3) Bills after (and including) 2007 are subject to a change in methodology. Bills relate to the calendar year, e.g. covering consumption from Q1 to Q4 of the named year. More information can be found in the methodology note at: <https://www.gov.uk/government/publications/domestic-energy-prices-data-sources-and-methodology>

(4) In 2014 and 2015 a £12 Government rebate was applied to electricity bills for all customers in Great Britain. This is included in the figures above.

Note: r's indicate revised data. An r in the date column indicates all data in the row has been revised.

Note: p's indicate provisional data. A p in the date column indicates all data in the row is provisional.

Table 2.2.3 Average annual domestic standard electricity bills in 2017 for UK regions with average unit costs based on consumption of 3,800kWh/year^{(1)(p)}

Payment type	Pence per kWh and pounds							
	Credit		Direct debit		Prepayment		Overall	
	Unit cost	Bill	Unit cost	Bill	Unit cost	Bill	Unit cost	Bill
Region ⁽²⁾								
East Midlands	17.08	649	15.31	582	16.01	608	15.80	601
Eastern	17.32	658	15.48	588	16.19	615	16.00	608
London	17.69	672	15.91	605	15.91	604	16.49	626
Merseyside & North Wales	18.73	712	16.75	636	17.25	656	17.25	656
North East	17.68	672	15.69	596	16.40	623	16.24	617
North Scotland	18.92	719	17.10	650	17.73	674	17.59	669
North West	17.55	667	15.71	597	16.27	618	16.22	616
Northern Ireland	14.69	558	14.45	549	14.41	548	14.48	550
South East	17.93	681	16.08	611	16.59	630	16.53	628
South Scotland	17.34	659	15.54	591	16.16	614	16.03	609
South Wales	18.34	697	16.56	629	16.98	645	17.02	647
South West	18.84	716	16.95	644	17.39	661	17.41	662
Southern	17.70	673	15.78	599	16.43	624	16.23	617
West Midlands	17.69	672	15.64	594	16.34	621	16.22	616
Yorkshire	17.39	661	15.28	581	16.04	609	15.89	604
UK ⁽³⁾	17.63	670	15.81	601	16.28	619	16.30	619

(1) All bills are calculated assuming an annual consumption of 3,800 kWh. Bills and unit costs reflect the prices of all suppliers and include standing charges. Figures are inclusive of VAT. Bills relate to calendar year, i.e. covering consumption from Q1 to Q4 of the named year. Unit costs are calculated by dividing the bills shown by the relevant consumption levels.

(2) From 2013 onwards regional electricity bills are shown based on Public Electricity Supply (PES) region instead of selected towns and cities within that region.

(3) BEIS have ceased publication of maximum and minimum bills. As proposed in Energy Trends article: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/323447/Energy_price_variation_in_the_domestic_energy_market.pdf

Note: r's indicate revised data. An r in the date column indicates all data in the row has been revised.

Note: p's indicate provisional data.

Table 2.2.4 Average variable unit costs and standing charges for standard electricity in 2017 ⁽¹⁾⁽²⁾⁽³⁾ for UK regions⁽⁴⁾

Payment type	Pounds							
	Credit		Direct debit		Prepayment		Overall	
	Average variable unit price (£/kWh) ⁽⁵⁾	Average fixed cost (£/year) ⁽⁶⁾	Average variable unit price (£/kWh) ⁽⁵⁾	Average fixed cost (£/year) ⁽⁶⁾	Average variable unit price (£/kWh) ⁽⁵⁾	Average fixed cost (£/year) ⁽⁶⁾	Average variable unit price (£/kWh) ⁽⁵⁾	Average fixed cost (£/year) ⁽⁶⁾
Town/city								
East Midlands	0.148	85.12	0.136	65.74	0.136	91.06	0.139	73.80
Eastern	0.151	85.28	0.137	66.68	0.138	91.24	0.141	73.94
London	0.156	77.91	0.142	64.68	0.135	90.73	0.145	74.41
Merseyside & North Wales	0.164	87.80	0.149	70.24	0.149	91.12	0.152	78.57
North East	0.155	84.77	0.139	66.68	0.140	91.76	0.143	75.30
North Scotland	0.165	90.55	0.154	64.77	0.152	95.60	0.156	75.67
North West	0.153	83.71	0.140	64.76	0.139	91.38	0.143	74.07
Northern Ireland ⁽⁷⁾	0.147	0.00	0.151 -	22.85	0.144	-	0.147 -	8.57
South East	0.159	78.25	0.144	64.27	0.142	90.53	0.147	70.25
South Scotland	0.150	87.39	0.137	70.21	0.137	92.74	0.140	78.38
South Wales	0.160	88.61	0.149	61.92	0.145	95.01	0.151	74.09
South West	0.168	77.77	0.153	64.70	0.150	89.84	0.155	70.99
Southern	0.154	89.35	0.140	66.16	0.140	94.04	0.143	74.03
West Midlands	0.154	85.21	0.139	66.79	0.140	89.83	0.142	74.96
Yorkshire	0.152	84.95	0.135	66.66	0.137	89.60	0.139	74.92
United Kingdom	0.155	82.03	0.141	64.56	0.140	85.05	0.144	72.03

(1) Prices are based on data from the calendar year, e.g. covering Q1 to Q4 of the named year.

(2) All prices include VAT.

(3) These prices are consistent with bills published in Tables 2.2.1, 2.2.2 and 2.2.3, where an assumed consumption level of 3,800 kWh has been used.

(4) From 2013 onwards regional electricity prices are shown based on Public Electricity Supply (PES) region instead of selected towns and cities within that region. Table A2 in Annex A maps these selected towns and cities to the PES region that they are within.

(5) The average variable unit price represents the energy costs directly associated with varying energy consumption.

(6) The average fixed cost represents the energy costs which do not vary with consumption, such as any standing charges. When there are two unit prices, this includes the difference between the two prices, multiplied by the split level.

(7) Negative average fixed costs in Northern Ireland are due to the calculation methodology. Standard electricity tariffs in Northern Ireland typically do not have a standing charge as a fixed cost but may offer discounts, such as a direct debit discount, in a fixed pence per day format. The discount in Northern Ireland is greater than the standing charge (of zero) so the average fixed cost is negative.

Note: r's indicate revised data. An r in the date column indicates all data in the row has been revised.

Note: p's indicate provisional data.

Table 2.2.4 Average variable unit costs and fixed costs for Economy 7 electricity in 2017⁽¹⁾⁽²⁾⁽³⁾ for UK regions(4)

Payment type	Credit		Direct debit			Prepayment			Overall			Pounds
	Average variable day unit price (£/kWh) ⁽⁵⁾	Average variable night unit price (£/kWh) ⁽⁵⁾	Average fixed cost (£/year) ⁽⁶⁾	Average variable day unit price (£/kWh) ⁽⁵⁾	Average variable night unit price (£/kWh) ⁽⁵⁾	Average fixed cost (£/year) ⁽⁶⁾	Average variable day unit price (£/kWh) ⁽⁵⁾	Average variable night unit price (£/kWh) ⁽⁵⁾	Average fixed cost (£/year) ⁽⁶⁾	Average variable day unit price (£/kWh) ⁽⁵⁾	Average variable night unit price (£/kWh) ⁽⁵⁾	Average fixed cost (£/year) ⁽⁶⁾
Town/city												
East Midlands	0.18	0.08	90.40	0.17	0.07	71.44	0.15	0.07	95.92	0.17	0.08	78.74
Eastern	0.18	0.08	90.13	0.17	0.08	71.59	0.15	0.07	97.05	0.17	0.08	81.46
London	0.20	0.08	80.02	0.17	0.08	72.91	0.15	0.07	97.08	0.18	0.08	79.33
Merseyside & North Wales	0.20	0.09	92.97	0.18	0.08	79.30	0.17	0.07	100.79	0.18	0.08	87.10
North East	0.20	0.08	94.74	0.17	0.08	75.17	0.16	0.07	97.16	0.18	0.08	83.79
North Scotland	0.20	0.11	98.19	0.19	0.10	65.03	0.17	0.10	105.97	0.19	0.10	83.77
North West	0.19	0.08	90.42	0.17	0.08	73.27	0.16	0.07	98.34	0.17	0.08	81.76
Northern Ireland	0.15	0.07	25.84	0.16	0.07	1.14	0.15	0.07	23.80	0.15	0.07	17.10
South East	0.20	0.08	79.62	0.18	0.08	71.06	0.16	0.07	96.75	0.18	0.08	78.21
South Scotland	0.18	0.09	95.68	0.16	0.08	83.68	0.15	0.08	103.74	0.16	0.08	93.22
South Wales	0.20	0.09	94.18	0.18	0.08	69.59	0.16	0.08	102.02	0.18	0.08	80.57
South West	0.21	0.09	79.70	0.19	0.08	72.79	0.17	0.07	97.99	0.19	0.08	80.21
Southern	0.19	0.09	94.87	0.18	0.08	69.05	0.15	0.07	101.23	0.17	0.08	80.57
West Midlands	0.19	0.08	94.06	0.17	0.07	75.00	0.16	0.07	97.60	0.17	0.07	83.52
Yorkshire	0.19	0.08	93.44	0.16	0.07	72.72	0.16	0.06	96.43	0.17	0.07	81.43
United Kingdom	0.19	0.09	86.40	0.17	0.08	64.25	0.16	0.07	101.79	0.17	0.08	78.43

(1) Prices are based on data from the calendar year, e.g. covering Q1 to Q4 of the named year.

(2) All prices include VAT.

(3) These prices are consistent with bills published in Tables 2.2.1 (E7) and 2.2.2 (E7), where an assumed consumption level of 6,000 kWh has been used, of which 3,000 kWh are off-peak (night units).

(4) From 2013 onwards regional electricity prices are shown based on Public Electricity Supply (PES) region instead of selected towns and cities within that region. Table A2 in Annex A maps these selected towns and cities to the PES region that they are within.

(5) The average variable unit price represents the energy costs directly associated with varying energy consumption.

(6) The average fixed cost represents the energy costs which do not vary with consumption, such as any standing charges.

Note: r's indicate revised data. An r in the date column indicates all data in the row has been revised.
Note: p's indicate provisional data.

Table 2.2.5: Average annual domestic standard electricity bills based on various consumption⁽¹⁾

United Kingdom

	Annual consumption (temperature adjusted) (GWh) ⁽²⁾	Annual consumption (actual) (GWh) ⁽²⁾	Households in the UK ⁽³⁾	Households on standard electric tariffs in the UK ⁽⁴⁾	Average consumption (temperature adjusted) (kWh)	Average consumption (actual) (kWh)	Based on average consumption (temperature adjusted) Overall Bill	Based on average consumption (actual) Overall Bill	Pounds Based on 3,800kWh consumption Overall Bill
Cash terms									
2002	81,579	79,524	24,714,518	19,830,236	4,114	4,010	301	294	280
2003	83,397	82,056	24,867,870	20,093,328	4,150	4,084	304	299	281
2004	84,459	82,916	25,022,034	20,358,810	4,149	4,073	312	307	288
2005	86,205	84,779	25,249,505	20,686,085	4,167	4,098	346	341	318
2006	90,386	88,671	25,445,964	20,990,341	4,306	4,224	418	411	374
2007 ⁽⁵⁾	91,154	89,254	25,650,572	21,303,577	4,279	4,190	462	453	415
2008	92,369	91,834	25,875,694	21,636,271	4,269	4,244	529	527	477
2009	93,449	92,973	26,075,474	22,024,009	4,243	4,221	540	537	488
2010	91,141	93,228	26,288,643	22,265,108	4,093	4,187	507	518	474
2011	90,390	88,452	26,477,045	22,596,660	4,000	3,914	537	527	513
2012	91,045	90,937	26,714,454	22,903,637	3,975	3,970	564	563	542
2013	89,683	90,414	26,944,184	23,180,612	3,869	3,900	587	591	577
2014 ⁽⁴⁾	89,108	86,864	27,214,168	23,472,105	3,796	3,701	591	578	592
2015 ⁽⁴⁾	87,849	86,450	27,484,270	23,934,710	3,670	3,612	565	557	583
2016	87,800	87,049	27,761,889	24,355,963	3,605	3,574	559	555	586
2017	86,728	85,166	28,029,823	24,858,164	3,489	3,426	574	565	619
% Change 2016-2017							2.7	1.9	5.7
Real terms⁽²⁾									
2002	81,579	79,524	24,714,518	19,830,236	3,301	3,218	363	355	338
2003	83,397	82,056	24,867,870	20,093,328	3,354	3,300	358	353	331
2004	84,459	82,916	25,022,034	20,358,810	3,375	3,314	358	353	331
2005	86,205	84,779	25,249,505	20,686,085	3,414	3,358	387	382	357
2006	90,386	88,671	25,445,964	20,990,341	3,552	3,485	455	447	406
2007 ⁽⁵⁾	91,154	89,254	25,650,572	21,303,577	3,554	3,480	490	481	440
2008	92,369	91,834	25,875,694	21,636,271	3,570	3,549	546	543	492
2009	93,449	92,973	26,075,474	22,024,009	3,584	3,566	548	545	496
2010	91,141	93,228	26,288,643	22,265,108	3,467	3,546	507	518	474
2011	90,390	88,452	26,477,045	22,596,660	3,414	3,341	526	516	503
2012	91,045	90,937	26,714,454	22,903,637	3,408	3,404	545	544	523
2013	89,683	90,414	26,944,184	23,180,612	3,328	3,356	556	560	547
2014 ⁽⁶⁾	89,108	86,864	27,214,168	23,472,105	3,274	3,192	551	538	552
2015 ⁽⁶⁾	87,849	86,450	27,484,270	23,934,710	3,196	3,145	524	516	541
2016	87,800	87,049	27,761,889	24,355,963	3,163	3,136	508	504	532
2017	86,728	85,166	28,029,823	24,858,164	3,094	3,038	511	503	551
% Change 2016-2017							0.7	-0.2	3.6

(1) Bills up to (and including) 2006 relate to total bill received in the year, e.g. covering consumption from Q4 of the previous year to Q3 of the named year.

Figures are inclusive of VAT. Bills deflated to 2010 terms using the GDP (market prices) deflator.

Bills from 2007 onwards are subject to a change in methodology. Bills relate to the calendar year, i.e. covering consumption from Q1 to Q4 of the named year. More information can be found in the methodology note at: <https://www.gov.uk/government/publications/domestic-energy-prices-data-sources-and-methodology>

(2) Annual consumption figures from Energy Trends 1.3: <https://www.gov.uk/government/collections/energy-trends>

(3) Table 401: Household projections, United Kingdom, 1961-2039: <https://www.gov.uk/government/statistical-data-sets/live-tables-on-household-projections>

(4) Estimates are made based on information from energy suppliers combined with live household projections

(5) Bills based on 3,800kWh will match Table 221 in QEP.

(6) In 2014 and 2015 a £12 Government rebate was applied to electricity bills for all customers in Great Britain. This is included in the figures above.

Note: r's indicate revised data. An r in the date column indicates all data in the row has been revised.

Note: p's indicate provisional data. A p in the date column indicates all data in the row is provisional.

Table 2.3.1 Average annual domestic gas bills by home and non-home supplier based on consumption of 15,000kWh/year⁽¹⁾

Great Britain												Pounds
	Standard credit			Direct debit			Prepayment			Overall		GB
	Home suppliers	Non-home suppliers	All consumers	Home suppliers	Non-home suppliers	All consumers	Home suppliers	Non-home suppliers	All consumers	Home suppliers	Non-home suppliers	
Cash terms												
1996	283	262	283	263	246	263	300	300	300			277
1997	282	238	281	262	227	262	299	288	299			276
1998	274	225	270	240	213	237	284	279	284			259
1999	271	225	261	234	214	229	272	280	272			250
2000	265	223	253	233	211	226	265	277	266			243
2001	264	224	251	234	211	227	264	273	265			242
2002	279	234	266	252	221	240	280	280	280			256
2003	287	248	274	258	235	250	287	294	288			265
2004	294	265	285	271	253	264	304	293	301			277
2005	344	303	331	311	289	302	348	332	344			318
2006	437	366	406	387	342	362	441	400	427			387
2007 ⁽³⁾	467	450	459	408	419	415	502	474	491			441
2008	536	535	536	492	497	495	573	540	558			517
2009	613	599	607	565	552	556	653	620	636			584
2010	591	578	586	560	539	546	590	580	584	578	553	564
2011	654	629	643	627	582	597	654	624	638	642	598	617
2012	741	691	720	711	637	661	738	688	710	728	656	686
2013	791	736	767	752	677	701	784	738	758	772	698	729
2014	821	765	796	765	700	721	823	769	793	795	723	752
2015	780	736r	760	722	659	680	778	747	761	752	687	714
2016	709	696	703	648	596	614	709	714	712	678	630	650
2017	695	692	693	641	595	608	639	628	631	656	617	630
% Change												
2016-2017	-1.9	-0.6	-1.4	-1.1	-0.1	-0.9	-9.9	-12.0	-11.3	-3.3	-2.1	-3.1
Real terms⁽²⁾												
1996	370	343	370	344	322	344	392	392	392			362
1997	366	309	365	340	295	340	388	373	388			357
1998	351	289	346	308	273	303	363	358	363			331
1999	344	286	332	297	271	291	345	356	346			317
2000	330	277	315	289	263	281	329	344	332			302
2001	326	276	310	289	261	281	326	337	327			299
2002	337	282	321	304	266	290	338	338	338			309
2003	339	292	323	304	277	294	338	347	340			312
2004	339	305	328	312	291	304	349	337	346			319
2005	386	340	371	348	324	338	390	372	385			357
2006	476	398	442	421	372	394	480	435	464			421
2007 ⁽³⁾	495	478	487	433	444	440	533	503	521			468
2008	553	551	552	507	513	510	590	557	575			533
2009	622	608	616	573	560	565	663	630	646			593
2010	591	578	586	560	539	546	590	580	584	578	553	564
2011	640	616	630	615	571	585	641	612	625	629	586	605
2012	715	667	695	687	615	639	713	664	685	703	633	662
2013	749	697	726	712	641	664	742	699	718	731	661	690
2014	765	713	742	712	652	671	767	717	739	741	674	701
2015	723	682r	704	669	611	631	721	692	705	697	637	661
2016	644	633	639	589	541	558	645	649	647	616	573	591
2017	619	616	617	571	530	541	569	559	562	584	549	561
% Change												
2016-2017	-3.9	-2.6	-3.4	-3.1	-2.1	-2.9	-11.7	-13.8	-13.1	-5.2	-4.1	-5.0

(1) Bills up to (and including) 2006 relate to total bill received in the year, i.e. covering consumption from Q4 of the previous year to Q3 of the named year.

All bills are calculated using an annual consumption of 15,000 kWh. Figures are inclusive of VAT.

Home supplier denotes British Gas Trading.

Non-home suppliers are all other suppliers.

(2) Bills deflated to 2010 terms using the GDP (market prices) deflator.

(3) Bills from 2007 on are subject to a change in methodology. Bills relate to the calendar year, i. e. covering consumption from Q1 to Q4 of the named year. The assumed gas consumption pattern has also been altered to more accurately reflect real consumption patterns. More information can be found in the methodology note at:

<https://www.gov.uk/government/publications/domestic-energy-prices-data-sources-and-methodology>

Note: r's indicate revised data. An r in the date column indicates all data in the row has been revised.

Note: p's indicate provisional data. A p in the date column indicates all data in the row is provisional.

Table 2.3.2 Average annual domestic gas bills for GB countries based on consumption of 15,000kWh/year⁽¹⁾

	Pounds					
	Standard Credit		Direct debit		Prepayment	
	England & Wales	Scotland	England & Wales	Scotland	England & Wales	Scotland
Cash terms						
1998 ⁽²⁾	270	268	237	235	284	284
1999	261	263	229	229	272	272
2000	253	255	226	224	266	266
2001	251	253	227	225	265	264
2002	266	267	240	238	280	280
2003	274	274	250	249	288	287
2004	285	284	264	260	301	301
2005	331	329	302	297	343	343
2006	407	402	363	357	427	429
2007 ⁽⁴⁾	460	454	416	403	491	493
2008	536	529	497	476	557	560
2009	607	596	557	541	636	637
2010	586	576	547	535	584	582
2011	644	638	598	589	638	634
2012	720	712	662	653	711	703
2013	768	758	702	690	759	751
2014	797	789	721	715	794	782
2015	760	753	680	681	762	751
2016	704	697	614	613	713	704
2017	694	688	608	605	632	626
% Change						
2016-2017	-1.4	-1.3	-0.9	-1.3	-11.3	-11.1
Real terms⁽³⁾						
1998 ⁽²⁾	346	344	303	301	363	363
1999	331	334	291	291	346	346
2000	315	317	281	279	332	330
2001	310	312	281	278	327	326
2002	321	322	290	288	338	338
2003	323	323	294	293	340	338
2004	328	327	304	299	346	346
2005	371	369	338	333	385	384
2006	443	438	395	388	464	467
2007 ⁽⁴⁾	488	481	441	427	521	523
2008	553	545	513	490	575	577
2009	617	606	566	550	646	647
2010	586	576	547	535	584	582
2011	631	625	586	577	625	621
2012	696	687	640	630	686	679
2013	727	718	665	653	719	711
2014	742	735	672	667	740	729
2015	705	698	631	632	706	696
2016	639	634	558	557	648	640
2017	618	613	541	539	563	557
% Change						
2016-2017	-3.4	-3.3	-2.9	-3.3	-13.1	-12.9

(1) Bills up to (and including) 2006 relate to total bill received in the year, i.e. covering consumption from Q4 of the previous year to Q3 of the named year.

All bills are calculated using an annual consumption of 15,000 kWh. Figures are inclusive of VAT.

(2) Prior to 1998, average bills for England & Wales and Scotland were all the same as the GB averages given in Table 2.3.1.

(3) Bills deflated to 2010 terms using the GDP (market prices) deflator.

(4) Bills from 2007 on are subject to a change in methodology. Bills relate to the calendar year, i.e. covering consumption from Q1 to Q4 of the named year. The assumed gas consumption pattern has also been altered to more accurately reflect real consumption patterns. More information can be found in the methodology note at:

<https://www.gov.uk/government/publications/domestic-energy-prices-data-sources-and-methodology>

Note: r's indicate revised data. An r in the date column indicates all data in the row has been revised.

Note: p's indicate provisional data. A p in the date column indicates all data in the row is provisional.

Table 2.3.3 Average annual domestic gas bills in 2017 for GB regions with average unit costs based on consumption of 15,000kWh/year⁽¹⁾

Pence per kWh and pounds								
Payment type	Credit		Direct debit		Prepayment		Overall	
	Unit Cost	Bill	Unit Cost	Bill	Unit Cost	Bill	Unit Cost	Bill
Region ⁽²⁾								
East Midlands	4.55	683	3.95	593	4.15	623	4.10	615
Eastern	4.63	694	4.03	605	4.20	630	4.18	627
London	4.69	703	4.21	632	4.27	640	4.37	656
Merseyside & North Wales	4.63	694	4.07	610	4.21	631	4.20	630
North East	4.55	683	3.97	595	4.15	623	4.12	617
North Scotland	4.60	689	4.07	610	4.19	629	4.20	630
North West	4.60	690	4.00	599	4.21	631	4.16	624
South East	4.68	702	4.16	624	4.27	641	4.28	641
South Scotland	4.59	688	4.02	603	4.16	625	4.16	624
South Wales	4.63	695	4.12	618	4.24	636	4.25	638
South West	4.63	695	4.15	623	4.27	641	4.27	640
Southern	4.76	714	4.19	628	4.31	647	4.31	647
West Midlands	4.60	690	3.99	598	4.20	630	4.15	623
Yorkshire	4.51	677	3.88	582	4.15	622	4.06	609
Great Britain ⁽³⁾	4.62	693	4.05	608	4.21	631	4.20	630

(1) All bills are calculated assuming an annual consumption of 15,000 kWh. Bills and unit costs reflect the prices of all suppliers and include standing charges and VAT. Bills relate to the calendar year, i.e. covering consumption from Q1 to Q4 of the named year. Unit costs are calculated by dividing the bills shown by the relevant consumption levels.

(2) The regions shown indicate which Public Electricity Supply (PES) region these bills apply to. From 2013 onwards, data on regional gas bills are shown based on (PES) regions as opposed to selected towns and cities within Local Distribution Zones (LDZs), as most energy suppliers now charge for gas according to PES area.

(3) BEIS have ceased publication of maximum and minimum bills, as proposed in Energy Trends article:

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/323447/Energy_price_variation_in_the_domestic_energy_market.pdf

Note: r's indicate revised data. An r in the date column indicates all data in the row has been revised.

Note: p's indicate provisional data. A p in the date column indicates all data in the row is provisional.

Table 2.3.4 Average variable unit costs and standing charges for gas in 2017⁽¹⁾⁽²⁾⁽³⁾ for regions in Great Britain⁽⁴⁾

Payment type	Credit		Direct debit		Prepayment		Overall		Pounds
	Average variable unit price (£/kWh) ⁽⁵⁾	Average fixed cost (£/year) ⁽⁶⁾	Average variable unit price (£/kWh) ⁽⁵⁾	Average fixed cost (£/year) ⁽⁶⁾	Average variable unit price (£/kWh) ⁽⁵⁾	Average fixed cost (£/year) ⁽⁶⁾	Average variable unit price (£/kWh) ⁽⁵⁾	Average fixed cost (£/year) ⁽⁶⁾	
Town/city									
East Midlands	0.0389	99.74	0.0345	76.05	0.0351	97.31	0.0355	82.78	
Eastern	0.0396	99.37	0.0352	77.54	0.0355	97.02	0.0362	84.72	
London	0.0404	96.52	0.0369	78.67	0.0363	95.54	0.0379	88.43	
Merseyside & North Wales	0.0398	97.30	0.0356	75.63	0.0356	96.80	0.0364	84.25	
North East	0.0390	98.82	0.0347	75.57	0.0351	96.81	0.0355	84.27	
North Scotland	0.0395	97.09	0.0357	74.08	0.0354	97.34	0.0364	83.79	
North West	0.0395	98.10	0.0350	74.38	0.0356	96.27	0.0360	83.55	
South East	0.0403	97.64	0.0365	77.00	0.0363	96.89	0.0372	82.49	
South Scotland	0.0394	96.65	0.0351	76.68	0.0352	96.83	0.0360	84.88	
South Wales	0.0398	97.76	0.0364	72.48	0.0358	98.08	0.0370	83.69	
South West	0.0400	95.33	0.0366	74.08	0.0363	96.38	0.0372	81.92	
Southern	0.0411	96.79	0.0369	74.22	0.0366	98.36	0.0377	81.17	
West Midlands	0.0395	98.26	0.0349	74.61	0.0356	96.32	0.0360	83.79	
Yorkshire	0.0385	99.87	0.0338	75.03	0.0350	96.63	0.0350	84.38	
Great Britain	0.0397	97.03	0.0355	76.03	0.0356	96.17	0.0364	83.87	

(1) Prices are based on data from the calendar year, e.g. covering Q1 to Q4 of the named year

(2) All prices include VAT

(3) These prices are consistent with bills published in Tables 2.3.1, 2.3.2 and 2.3.3, where an assumed consumption level of 15,000 kWh has been used

(4) The regions shown indicate which Public Electricity Supply (PES) region these prices apply to. From 2013 onwards, data on regional gas prices are shown based on (PES) regions as opposed to selected towns and cities within Local Distribution Zones (LDZs), as most energy suppliers now charge for gas according to PES area.

(5) The average variable unit price represents the energy costs directly associated with varying energy consumption charges. When there are two unit prices, this includes the difference between the two prices, multiplied by the split level.

Note: r's indicate revised data. An r in the date column indicates all data in the row has been revised.

Note: p's indicate provisional data. A p in the date column indicates all data in the row is provisional.

Table 2.3.5 Average annual domestic gas bills by payment type based on various consumption levels⁽¹⁾

Great Britain

							Pounds		
							Based on average consumption (temperature adjusted)	Based on average consumption (actual)	Based on 15,000kWh consumption
Annual consumption (temp adjusted) (GWh)		Annual consumption (actual) (GWh)	Estimate of GB households GB that consume gas	Average consumption (temp adjusted) (kWh)	Average consumption (actual) (kWh)	Overall	Overall	Overall	
Cash terms									
1998	-	355,895	23,336,322	20,118,267	-	17,690	-	298	259
1999	-	358,066	23,513,057	20,293,606	-	17,644	-	286	250
2000	-	369,909	23,714,792	20,470,474	-	18,070	-	284	243
2001	-	379,427	23,930,508	20,648,884	-	18,375	-	288	242
2002	424,379	376,373	24,080,100	20,828,848	20,375	18,070	328	297	256
2003	416,970	386,488	24,226,033	21,010,381	19,846	18,395	331	311	265
2004	432,020	396,413	24,372,779	21,193,496	20,385	18,704	359	334	277
2005	409,992	381,881	24,592,831	21,378,207	19,178	17,863	390	368	318
2006	393,815	366,930	24,781,872	21,564,528	18,262	17,015	458	431	387
2007 ⁽⁵⁾	393,850	352,870	24,979,061	21,752,472	18,106	16,222	519	472	441
2008	369,218	359,556	25,196,765	21,942,055	16,827	16,387	570	557	517
2009	353,343	345,201	25,389,126	22,034,416	16,036	15,666	617	605	584
2010	347,749	389,598	25,594,877	22,072,135	15,755	17,651	588	647	564
2011	342,585	308,842	25,775,860	22,145,162	15,470	13,946	633	581	617
2012	344,143	343,182	26,005,851	22,111,303	15,564	15,521	707	706	686
2013	329,199	344,503	26,231,472	22,289,666	14,769	15,456	719	748	729
2014	323,058	283,693	26,496,881	22,729,792	14,213	12,481	718	641	752
2015	317,976	297,583	26,762,410	22,910,559	13,879	12,989	667	630	714
2016	326,094	311,827	27,035,720	23,144,691	14,089	13,473	616	593	650
2017	327,571	297,565	27,299,524	23,363,252	14,021	12,736	594	547	630
% Change 2016-2017							-3.6	-7.7	-3.1
Real terms⁽²⁾									
1998	-	355,895	23,336,322	20,118,267	-	17,690	-	381	331
1999	-	358,066	23,513,057	20,293,606	-	17,644	-	363	317
2000	-	369,909	23,714,792	20,470,474	-	18,070	-	353	302
2001	-	379,427	23,930,508	20,648,884	-	18,375	-	356	299
2002	424,379	376,373	24,080,100	20,828,848	20,375	18,070	395	358	309
2003	416,970	386,488	24,226,033	21,010,381	19,846	18,395	391	367	312
2004	432,020	396,413	24,372,779	21,193,496	20,385	18,704	413	384	319
2005	409,992	381,881	24,592,831	21,378,207	19,178	17,863	438	412	357
2006	393,815	366,930	24,781,872	21,564,528	18,262	17,015	498	469	421
2007 ⁽⁵⁾	393,850	352,870	24,979,061	21,752,472	18,106	16,222	550	500	468
2008	369,218	359,556	25,196,765	21,942,055	16,827	16,387	588	575	533
2009	353,343	345,201	25,389,126	22,034,416	16,036	15,666	626	614	593
2010	347,749	389,598	25,594,877	22,072,135	15,755	17,651	588	647	564
2011	342,585	308,842	25,775,860	22,145,162	15,470	13,946	620	570	605
2012	344,143	343,182	26,005,851	22,111,303	15,564	15,521	683	681	662
2013	329,199	344,503	26,231,472	22,289,666	14,769	15,456	681	708	690
2014	323,058	283,693	26,496,881	22,729,792	14,213	12,481	669	598	701
2015	317,976	297,583	26,762,410	22,910,559	13,879	12,989	618	584	661
2016	326,094	311,827	27,035,720	23,144,691	14,089	13,473	560	539	591
2017	327,571	297,565	27,299,524	23,363,252	14,021	12,736	529	487	561
% Change 2016-2017							-5.5	-9.5	-5.0

(1) Bills up to (and including) 2006 relate to total bill received in the year, i.e. covering consumption from Q4 of the previous year to Q3 of the named year.

Figures are inclusive of VAT.

(2) Annual consumption figures from from Tables 1.3 and 4.1 of Energy Trends: <https://www.gov.uk/government/collections/energy-trends>

(3) Table 401: Household projections, United Kingdom, 1961-2039: <https://www.gov.uk/government/statistical-data-sets/live-tables-on-household-projections>

(4) Estimates are made based on information from energy suppliers combined with live household projections

(5) Bills based on 15,000kWh will match Table 231 in QEP.

(6) Bills deflated to 2010 terms using the GDP (market prices) deflator.

Bills from 2007 are subject to a change in methodology. Bills relate to the calendar year, i.e. covering consumption from Q1 to Q4 of the named year. More information can be found in the methodology note at: <https://www.gov.uk/government/publications/domestic-energy-prices-data-sources-and-methodology>

Note: r's indicate revised data. An r in the date column indicates all data in the row has been revised.

Note: p's indicate provisional data. A p in the date column indicates all data in the row is provisional.

Table 2.4.1 Percentage of domestic electricity customers⁽¹⁾ by region⁽²⁾ by supplier type⁽³⁾, December 2017⁽⁴⁾⁽⁶⁾

	Per cent							
	Credit		Direct debit		Prepayment		All payment types	
	Home supplier	Non-home supplier	Home supplier	Non-home supplier	Home supplier	Non-home supplier	Home supplier	Non-home supplier
Yorkshire	28	72	18	82	13	87	20	80
West Midlands	27	73	19	81	15	85	20	80
North East	29	71	20	80	10	90	20	80
North West	32	68	19	81	17	83	22	78
Merseyside & North Wales	35	65	21	79	23	77	24	76
Eastern	37	63	22	78	21	79	26	74
East Midlands	36	64	23	77	22	78	26	74
South East	37	63	24	76	25	75	27	73
South West	38	62	25	75	29	71	28	72
South Scotland	40	60	27	73	37	63	32	68
London	38	62	28	72	32	68	32	68
Southern	49	51	33	67	34	66	36	64
South Wales	57	43	39	61	42	58	43	57
North Scotland	67	33	53	47	62	38	58	42
Grand Total	37	63	25	75	25	75	28	72

(1) Includes both standard electricity and Economy 7 electricity customers.

(2) The regions used in this table are the distribution areas of the former public electricity suppliers.

(3) Home supplier denotes the former public electricity suppliers within their own distribution areas, or their parent company. Non-home suppliers are new entrant suppliers and the former electricity suppliers outside of their distribution areas.

(4) Prior to September 2016 data is not adjusted to account for survey coverage. All those not surveyed are with non-home suppliers. From September 2016 onwards proportions for All Payment Types are adjusted for survey coverage. Figures split by method of payment remain unadjusted.

(5) Competition is still limited in scope for domestic customers in Northern Ireland, and so this country has been excluded from this table.

(6) A methodological reclassification of some tariff payment types from Credit to Direct Debit by data suppliers has resulted in lower Credit proportions and Direct Debit proportions compared to the last quarter.

Table 2.4.2 Regional variation of payment method for standard electricity, December 2017

	Per cent		
	Credit	Direct debit	Prepayment
Southern	20	68	12
South East	21	67	12
South West	21	65	15
Eastern	24	64	12
East Midlands	22	63	15
North Scotland	21	61	18
West Midlands	22	60	18
North East	21	60	20
South Wales	21	59	20
South Scotland	20	59	21
Yorkshire	22	59	19
North West	22	58	20
Merseyside & North Wale	19	56	24
London	32	46	21
Northern Ireland	21	37	42
Great Britain	22	60	18
Scotland	20	59	20
England & Wales	23	61	17
Northern Ireland	21	37	42
UK	22	61	17

Table 2.5.1 Percentage of domestic gas customers by region⁽¹⁾ by supplier type⁽²⁾⁽³⁾, December 2017⁽⁴⁾⁽⁶⁾

	Per cent							
	Credit		Direct debit		Prepayment		All payment types	
	Home supplier	Non-home supplier	Home supplier	Non-home supplier	Home supplier	Non-home supplier	Home supplier	Non-home supplier
South Wales	36	64	23	77	18	82	24	76
North East	41	59	23	77	20	80	26	74
North Scotland	38	62	25	75	28	72	28	72
East Midlands	42	58	24	76	32	68	29	71
South East	40	60	26	74	30	70	29	71
Southern	44	56	27	73	32	68	30	70
Yorkshire	46	54	25	75	32	68	31	69
West Midlands	47	53	27	73	34	66	32	68
South Scotland	48	52	29	71	30	70	33	67
South West	45	55	30	70	31	69	33	67
Eastern	45	55	29	71	35	65	33	67
North West	46	54	30	70	32	68	33	67
Merseyside & North Wa	49	51	31	69	35	65	35	65
London	44	56	33	67	41	59	38	62
Great Britain ⁽⁵⁾	44	56	27	73	32	68	32	68

(1) The regions used in this table are the distribution areas of the former public electricity suppliers.

(2) Home supplier denotes British Gas Trading.

(3) Non-home suppliers are all other suppliers.

(4) Prior to September 2016 data is not adjusted to account for survey coverage. All those not surveyed are with non-home suppliers. From September 2016 onwards proportions for All Payment Types are adjusted for survey coverage. Figures split by method of payment remain unadjusted.

(5) Gas is not yet widely available in Northern Ireland, and so this country has not been included in this table.

(6) A methodological reclassification of some tariff payment types from Credit to Direct Debit by data suppliers has resulted in lower Credit proportions and Direct Debit proportions compared to previous data from March 2017 onwards.

**Table 2.5.2 Regional variation of payment method for gas,
December 2017**

	Per cent		
	Credit	Direct Debit	Prepayment
Southern	19	70	10
South East	20	68	12
South West	20	66	13
East Midlands	21	66	13
Eastern	22	66	13
West Midlands	21	62	17
North Scotland	21	62	17
Yorkshire	20	62	18
North East	19	61	20
South Scotland	20	61	19
North West	20	60	19
South Wales	20	60	20
Merseyside & North Wales	19	59	22
London	31	49	20
Scotland	20	61	19
England & Wales	21	63	16
Great Britain	21	63	16

Table 2.6.1 Total household expenditure on energy⁽¹⁾⁽²⁾

United Kingdom

£ million

	Solid Fuels	Gas	Electricity	Liquid Fuels ⁽³⁾	All fuel and power	Vehicle Fuels and Lubricants	Total energy products	Total consumers expenditure
Current prices								
1970	377	387	656	74	1,494	859	2,353	30,541
1971	351	443	740	80	1,614	942	2,556	34,226
1972	336	521	843	96	1,796	1,093	2,889	38,787
1973	330	551	896	116	1,893	1,249	3,142	44,511
1974	380	634	1,085	162	2,261	1,717	3,978	51,356
1975	415	789	1,514	183	2,901	2,232	5,133	63,038
1976	456	1,025	1,860	231	3,572	2,500	6,072	73,243
1977	545	1,244	2,159	287	4,235	2,676	6,911	83,823
1978	541	1,396	2,396	287	4,620	2,610	7,230	96,656
1979	640	1,612	2,703	344	5,299	3,554	8,853	114,693
1980	704	1,903	3,370	387	6,364	4,646	11,010	133,174
1981	816	2,515	3,973	431	7,735	5,695	13,430	148,052
1982	861	3,124	4,264	459	8,708	6,331	15,039	162,228
1983	868	3,589	4,450	451	9,358	6,872	16,230	178,027
1984	785	3,719	4,564	429	9,497	7,481	16,978	191,390
1985	1,047	4,099	4,910	510	10,566	8,018	18,584	209,382
1986	898	4,412	5,180	374	10,864	7,354	18,218	232,095
1987	844	4,490	5,210	311	10,855	7,769	18,624	255,361
1988	814	4,581	5,412	256	11,063	8,222	19,285	288,346
1989	765	4,474	5,878	283	11,400	9,060	20,460	315,822
1990	683	4,921	6,278	374	12,256	10,165	22,421	343,041
1991	755	5,876	7,179	389	14,199	10,748	24,947	364,586
1992	611	5,742	7,671	353	14,377	11,024	25,401	384,131
1993	610	5,782	7,837	390	14,619	11,525	26,144	406,808
1994	625	5,812	8,083	379	14,899	12,684	27,583	426,710
1995	637	5,974	8,195	405	15,211	13,340	28,551	448,720
1996	657	6,501	8,380	559	16,097	14,589	30,686	482,041
1997	590	6,169	7,865	503	15,127	15,669	30,796	592,032
1998	495	5,590	7,636	418	14,139	16,630	30,769	623,884
1999	481	5,332	7,265	403	13,481	18,157	31,638	658,272
2000	447	5,879	7,306	665	14,297	19,930	34,227	694,401
2001	488	5,999	7,273	587	14,347	19,360	33,707	720,334
2002	448	6,047	7,318	566	14,379	19,075	33,454	749,425
2003	343	6,299	7,503	671	14,816	20,085	34,901	786,231
2004	311	7,262	8,594	783	16,950	20,950	37,900	824,093
2005	207	7,708	9,545	772	18,232	23,258	41,490	864,747
2006	220	9,649	11,542	1,102	22,513	24,871	47,384	902,459
2007	260	10,820	11,713	1,088	23,881	26,635	50,516	947,054
2008	313	12,825	14,159	1,519	28,816	29,727	58,543	975,508
2009	306	13,511	14,336	1,140	29,293	26,622	55,915	948,481
2010	275	14,829	13,849	1,476	30,429	30,818	61,247	974,938
2011	278	13,535	14,007	1,579	29,399	35,407	64,806	1,004,276
2012	285	15,844	15,201	1,654	32,984	35,500	68,484	1,042,914
2013	292	17,090	16,254	1,625	35,261	34,236	69,497	1,084,011
2014	252	14,836	15,328	1,343	31,759	32,660	64,419	1,126,230
2015	330	15,079	15,143	930	31,482	28,144	59,626	1,156,561
2016	334	14,278	15,243	850	30,705	27,811	58,516	1,202,758
% Change								
2015-2016	+1.2	-5.3	+0.7	-8.6	-2.5	-1.2	-1.9	+4.0

Source: Office for National Statistics

(1) These figures are based on Consumer Trends, as published by the Office for National Statistics. All data may be subject to change by ONS.

(2) From 2001/02, Household Expenditure has been reclassified to conform to the European System of Accounts 1995 (ESA 95), using the Classification of Individual Consumption by Purpose (COICOP).

(3) Includes fuel oils and heating oils.

Notes continued on next page

Table 2.6.1 Total household expenditure on energy⁽¹⁾⁽²⁾ (continued)

United Kingdom

£ million

	Solid Fuels	Gas	Electricity	Liquid Fuels ⁽³⁾	All fuel and power	Vehicle Fuels and Lubricants	Total energy products	Total consumers expenditure
Revalued at 2010 prices⁽⁴⁾⁽⁵⁾⁽⁶⁾								
1997	941	14,510	13,284	1,576	30,168	29,964	60,167	711,409
1998	785	13,577	13,499	1,687	29,506	30,767	60,220	739,306
1999	749	12,972	12,994	1,471	28,229	30,771	58,870	775,405
2000	678	14,573	13,339	1,473	29,916	30,002	59,936	813,782
2001	715	14,569	13,409	1,480	30,049	30,780	60,807	842,221
2002	622	13,742	13,423	1,665	29,374	31,384	60,660	873,139
2003	467	14,067	13,624	1,706	29,689	31,838	61,421	906,418
2004	407	15,123	14,724	1,690	31,748	31,483	63,272	936,362
2005	246	13,983	14,759	1,254	30,155	32,224	62,278	964,463
2006	238	13,548	14,761	1,519	30,019	32,759	62,638	981,798
2007	277	13,918	13,798	1,409	29,309	34,093	63,139	1,011,240
2008	287	13,696	14,450	1,436	29,814	32,913	62,565	1,003,612
2009	283	12,739	13,938	1,402	28,324	31,956	60,085	968,601
2010	275	14,829	13,849	1,476	30,429	30,818	61,247	974,938
2011	273	12,288	13,057	1,249	26,867	31,608	58,212	968,198
2012	269	12,978	13,399	1,264	27,911	31,413	59,137	986,591
2013	243	13,047	13,355	1,287	27,943	30,599	58,405	1,002,762
2014	222	10,807	11,932	1,226	24,165	30,718	54,510	1,024,170
2015	218	11,445	11,868	1,258	24,794	30,481	54,954	1,049,348
2016	222	11,396	11,947	1,276	24,841	30,800	55,304	1,078,970
% Change								
2015-2016	+1.9	-0.4	+0.7	+1.4	+0.2	+1.0	+0.6	+2.8

Source: Office for National Statistics

Notes continued

- (4) As of 2003, ONS use the chain linking method to calculate volume measures of expenditure. Household expenditure volume series are chainlinked annually. The chained volume series have all been re-referenced to 2010, i.e. the chained volume measure in 2010 equals the current price value in 2010.
- (5) As of 2012, we are no longer able to provide re-based data for years before 1997. If you require this information, please contact ONS.
- (6) Data on individual fuel types may not sum to the "All fuel and power" data for years prior to the year in which the data was rebased (2010). The values shown above are the more accurate, and should be preferred to simply summing the individual fuel types.

Table 2.6.2 Average expenditure each week on fuel per consuming household⁽¹⁾
United Kingdom

	£ per week										
	Electricity			Gas			Other		All fuels		Total
	All h/holds	Electric central heating	No electric central heating	All h/holds	Gas central heating	No gas central heating	Heating oils and other fuels ⁽⁵⁾	Solid fuel ⁽⁵⁾	All fuels (excl. motor fuel) ⁽⁵⁾	Motor fuel ⁽⁵⁾	Average all fuels ^(2,5)
1974	1.09	1.84	..	1.06	1.66	..	0.80	2.71	2.34	3.18	5.52
1975	1.47	2.43	..	1.24	1.85	..	0.99	3.21	2.91	4.00	6.91
1976	1.80	3.06	1.61	1.43	2.20	1.05	2.00	3.62	3.56	4.30	7.86
1977	2.08	3.53	1.86	1.82	2.71	1.27	2.25	4.92	4.40	4.65	9.05
1978	2.32	4.14	2.05	1.98	2.88	1.34	2.38	5.12	4.74	4.55	9.29
1979	2.53	4.27	2.31	2.21	3.02	1.52	2.97	5.91	5.27	6.01	11.28
1980	2.95	4.73	2.71	2.47	3.19	1.72	4.07	8.07	6.15	7.72	13.87
1981	3.70	5.96	3.43	3.13	3.98	2.16	4.80	8.70	7.54	9.06	16.60
1982	3.94	6.38	3.69	3.98	4.97	2.70	6.98	8.83	8.49	9.97	18.46
1983	4.31	6.96	4.04	4.77	5.83	3.19	6.85	8.95	9.33	10.94	20.27
1984	4.26	6.89	4.04	4.80	5.79	3.26	6.87	10.55	9.50	11.87	21.37
1985	4.56	7.28	4.28	5.17	6.11	3.49	7.32	10.77	11.66	12.64	24.30
1986	4.77	7.79	4.46	5.59	6.60	3.64	6.51	10.27	10.49	11.50	21.99
1987	4.89	7.73	4.58	5.69	6.55	3.71	6.03	10.56	10.59	11.83	22.42
1988	4.95	7.52	4.66	5.41	6.15	3.56	5.19	10.86	10.44	11.16	21.60
1989	5.28	7.79	4.98	5.25	5.95	3.41	4.91	10.89	10.52	12.12	22.64
1990	5.62	8.65	5.26	5.53	6.21	3.49	5.88	11.18	11.07	13.02	24.09
1991	6.09	9.32	5.70	6.40	7.05	4.24	6.30	13.16	12.31	13.97	26.28
1992	6.54	9.76	6.18	6.63	7.32	4.07	6.50	12.46	12.92	14.56	27.48
1993/94	6.75	10.11	6.40	6.65	7.29	4.21	7.19	12.50	13.27	15.60	28.87
1994/95	6.72	9.64	6.38	6.72	7.28	4.27	8.26	10.84	12.81	16.62	29.43
1995/96	6.72	9.33	6.44	6.70	7.19	4.20	9.42	8.65	12.74	16.96	29.70
1996/97	7.02	10.13	6.69	7.37	7.85	4.55	12.70	10.02	13.71	18.88	32.59
1997/98	6.58	9.48	6.27	7.16	7.62	4.28	11.05	9.16	12.98	19.86	32.84
1998/99	6.49	9.62	6.14	6.49	6.87	3.96	9.26	10.20	12.36	20.09	32.45
1999/00	6.32	9.22	6.03	6.29	6.62	3.92	10.56	8.46	12.04	22.41	34.45
2000/01	6.55	9.33	6.26	6.51	6.80	4.15	14.10	8.31	12.79	24.30	37.09
2001/02	6.48	9.75	6.18	6.53	6.74	4.57	14.40	10.33	12.81	23.04	35.85
2002/03	6.47	9.47	6.20	6.56	6.75	4.38	12.74	10.21	12.73	23.02	35.74
2003/04	6.63	9.30	6.41	6.75	6.94	4.40	13.74	9.38	13.01	23.29	36.30
2004/05	6.73	9.29	6.53	7.08	7.22	4.81	16.02	9.28	13.69	25.09	38.75
2005/06 ⁽³⁾	7.35	10.18	7.09	7.89	8.10	5.12	19.34	7.10	14.78	27.41	42.19
2006 ⁽⁴⁾	8.29	10.57	8.10	9.05	9.22	6.12	20.83	11.26	16.93	28.19	45.12
2007	9.16	13.07	8.84	9.72	9.90	6.81	21.20	7.89	18.24	28.85	47.09
2008	9.77	13.67	9.54	10.46	10.59	7.62	28.18	13.52	20.04	33.28	53.32
2009	11.01	15.04	10.76	12.21	12.41	8.98	24.41	12.37	22.49	30.40	52.88
2010	10.79	15.04	10.47	12.38	12.44	9.55	28.54	10.32	22.74	34.14	56.88
2011	11.15	15.31	10.80	12.41	12.46	9.18	33.29	15.99	23.46	39.09	62.55
2012	11.70	16.41	11.35	13.15	13.24	10.99	33.22	11.00	24.59	39.13	63.72
2013 ⁽⁶⁾	12.24	19.50	11.71	14.78	14.81	12.04	36.68	6.39	26.79	37.93	64.72
2014	12.13	17.29	11.81	14.23	14.36	11.91	32.77	11.57	26.03	36.59	62.63
2015/16 ⁽⁷⁾	11.62r	15.97r	11.28r	12.62r	12.67r	11.20r	20.98r	10.77r	23.57r	32.32r	55.90r
2016/17	11.19	15.84	10.85	11.73	11.83	9.79	20.45	11.07	22.36	33.43	55.79
% Change											
2015/16 - 2016/17	-3.7	-0.9	-3.8	-7.0	-6.6	-12.5	-2.5	+2.8	-5.2	+3.4	-0.2

Source: Living Costs and Food Survey (LCFS), ONS

(1) Data is based on a survey, and therefore samples sizes will vary from year to year. This can give misleading results, especially for the less commonly used fuels, which will have a greater sample error rate. Data shows the average expenditure recorded for households consuming the specified fuel.

(2) This is calculated by summing expenditure on heating fuels and motor fuel.

(3) From 2005/06 weighted data has been used, whereas in earlier years data was unweighted. The effect of weighting the data is to slightly reduce the average expenditure on fuel. The effect of this is greater for solid fuels, because Northern Ireland, where fuel is more expensive and solid fuel is more commonly used, is oversampled on the LCFS.

(4) From 2006 the LCFS (formerly the EFS) moved to a calendar year basis

(5) Data represents all households.

(6) Recording of expenditure on gas and electricity via combined payment packages was changed in 2013.

Recording of expenditure via slot meters was also changed.

(7) In 2015/16 the reporting year was changed from calendar to financial year, so 2015/16 relates to the spend between April 2015 and April 2016. Year on year comparisons should be made with caution.

Table 2.7.1 Transfer statistics⁽¹⁾⁽²⁾ in the domestic gas and electricity markets in Great Britain⁽³⁾

Quarter ⁽⁴⁾⁽⁵⁾⁽⁶⁾	Electricity Transfers	Gas Transfers ⁽¹⁰⁾	Total Electricity Customers ⁽⁷⁾⁽⁹⁾	Total Gas Customers ⁽⁷⁾⁽⁸⁾⁽¹⁰⁾
Q1 2007	1,184,000	943,000	..	..
Q2 2007	1,269,000	1,014,000	..	..
Q3 2007	1,339,000	977,000	..	..
Q4 2007	1,365,000	1,048,000	..	..
Q1 2008	1,252,000	935,000	..	..
Q2 2008	1,337,000	1,071,000	..	..
Q3 2008	1,494,000	1,136,000	..	..
Q4 2008	1,345,000	1,014,000	..	..
Q1 2009	1,129,000	897,000	..	..
Q2 2009	1,254,000	955,000	..	..
Q3 2009	1,309,000	975,000	..	..
Q4 2009	1,333,000	998,000	..	..
Q1 2010	1,072,000	840,000	..	..
Q2 2010	1,144,000	867,000	..	..
Q3 2010	1,243,000	893,000	..	..
Q4 2010	1,291,000	956,000	27,450,000	22,359,000
Q1 2011	994,000	797,000	27,447,000	22,248,000
Q2 2011	1,109,000	813,000	27,473,000	22,039,000
Q3 2011	1,189,000	954,000	27,503,000	22,063,000
Q4 2011	914,000	706,000	27,550,000	22,072,000
Q1 2012	746,000	533,000	27,587,000	22,101,000
Q2 2012	791,000	570,000	27,625,000	22,100,000
Q3 2012	835,000	572,000	27,661,000	22,061,000
Q4 2012	970,000	605,000	27,689,000	22,025,000
Q1 2013	722,000	420,000	27,709,000	21,972,000
Q2 2013	703,000	490,000	27,749,000	21,890,000
Q3 2013	696,000	447,000	27,781,000	21,902,000
Q4 2013	1,304,000	833,000	27,841,000	21,849,000
Q1 2014	745,000	546,000	27,877,000	21,990,000
Q2 2014	687,000	547,000	27,918,000	22,220,000
Q3 2014	731,000	482,000	27,959,000	22,218,000
Q4 2014	895,000	706,000	28,027,000	22,078,000
Q1 2015	867,000	703,000	28,065,000	22,089,000
Q2 2015	746,000	595,000	28,121,000	22,097,000
Q3 2015	775,000	615,000	27,792,000	22,071,000
Q4 2015	1,008,000	796,000	27,861,000	22,075,000
Q1 2016	1,093,000	858,000	27,913,000	22,080,000
Q2 2016	1,067,000	788,000	27,916,000	22,047,000
Q3 2016	963,000	702,000	27,953,000	22,053,000
Q4 2016	1,297,000	999,000	28,005,000	22,064,000
Q1 2017	1,231,000	924,000	28,055,000	22,074,000
Q2 2017	1,243,000	947,000	28,104,000	22,416,000
Q3 2017	1,284,000	1,110,000	28,154,000	23,136,000
Q4 2017	1,361,000	1,162,000	28,202,000	23,183,000

Source : Ofgem

1) Transfer statistics refer to the number of customers switching from one energy supplier to another. For electricity and gas (from January 2014) this includes all suppliers. Previous to this gas transfers only covered the main six suppliers.

2) Figures do not include switching payment method when staying with the same company, or where a customer switches to another offer provided within the same parent company.

3) The figures in this table do not include data on switching rates in Northern Ireland. At present, the electricity market in Northern Ireland is largely monopolistic and subject to Ofgem price controls, although a start has been made to open the market to competition. Gas is not yet widely available in Northern Ireland.

4) All figures have been rounded to the nearest thousand.

5) Prior to June 2012, data presented in this table was presented as average monthly transfers for each quarter.

6) Ofgem provide switching levels which cover all suppliers in the domestic electricity market. From January 2014, Ofgem provided gas switching levels on the same basis for the first time. Previous to this gas switching levels only covered the main six suppliers. For this reason published gas transfers will be artificially high in quarter 1 of 2014 compared to earlier quarters.

7) Customer numbers represent the total number of meters for that fuel type.

8) From July 2015 Ofgem tightened the methodology for domestic customer numbers to exclude de-energised meters as well as users with very high consumption not believed to be domestic.

9) Since April 2016 data supplied to BEIS has included additional filtering to remove non-domestic customers. This data is sourced from network operators and filtered by the active suppliers in the market, who to the best of Ofgem's knowledge are operating in the domestic and non-domestic segments of the energy market. For this reason the data supplied from April 2016 onwards may be more accurate but lower than levels before this time.

10) Between January 2014 and May 2017, total gas customer numbers no longer include that of supply points connected to independent gas transporters (IGTs). BEIS have made an estimate for total customers with IGTs and included this in the total count of gas customers. From June 2017, total gas customers do now include IGT's.

Table 3.1.1 Prices of fuels purchased by manufacturing industry in Great Britain⁽¹⁾
Excluding the Climate Change Levy

		Original units											
		2015				2016				2017			
Fuel	Size of consumer	1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter
Coal⁽⁶⁾⁽⁷⁾⁽¹⁰⁾	Small	..	..	..	..	..	..	..	..	..	..	..	..
(£ per GJ)	Medium	..	..	..	..	..	..	..	..	..	..	..	..
	Large	2.39	2.55	2.40	2.37	2.22	2.20	2.26	2.11	2.38	2.56	2.67	..
	All consumers: Average	2.59	2.75	2.59	2.58	2.45	2.44	2.53	2.36	2.58	2.74	2.83	2.52
	median⁽²⁾
Heavy fuel oil⁽³⁾⁽⁶⁾⁽⁹⁾	Small	419.2	422.4	410.1	373.5	365.0	394.3	460.8	471.1	558.2r	450.3r	533.6r	509.7
(£ per tonne)	Medium	414.6	435.3	404.4	389.6	359.5	353.5	388.5	437.8	512.7r	475.0r	442.8r	501.8
	Large	326.5	324.6	306.7	289.4	255.9	333.5	361.8	380.4	411.7r	439.5r	428.9r	411.6
	Of which: Extra large	..	..	..	..	..	..	..	..	..	..	..	..
	Moderately large	..	..	..	..	..	..	..	..	..	..	..	..
	All consumers: Average	369.4	376.1	354.3	335.4	306.3	348.4	384.1	412.3	466.2r	453.3r	447.5r	455.9
	median⁽²⁾	452.1	448.1	435.4	375.7	351.2	381.1	422.7	470.1	511.0r	473.3r	483.6r	511.5
Gas oil⁽³⁾	Small	561.3	591.7	541.4	517.0	450.4	515.7	603.2	620.2	610.4r	601.5r	608.1r	610.5
(£ per tonne)	Medium	595.3	604.4	566.4	509.5	445.1	464.4	508.7	565.0	590.0r	565.0r	563.8r	606.3
	Large	521.3	541.3	487.2	470.1	422.1	469.2	475.1	531.2	557.5r	532.5r	529.8r	592.5
	All consumers: Average	533.3	552.0	500.3	477.2	426.2	469.7	483.4	538.5	563.7r	539.1r	536.8r	595.0
	median⁽²⁾	564.5	569.9	531.5	499.1	438.0	475.7	514.0	562.6	585.5r	562.0r	561.9r	609.0
Electricity	Small	10.80	10.85	10.93	10.81	10.89	10.68	11.10	10.81	10.53r	11.44r	10.83r	11.14
(Pence per kWh)	Medium	9.13	9.14	9.12	9.12	9.14	8.88	9.01	9.47	9.66r	9.30r	9.45r	10.06
	Large	7.32	7.18	7.31	7.20	6.83	6.83	6.95	7.70	7.70r	7.51r	7.58r	7.95
	Of which: Extra large	6.29	6.21	6.49	6.19	5.60	5.69	5.71	6.53	6.42r	5.95r	6.31r	6.40
	Moderately large	8.12	7.93	7.95	7.98	7.77	7.71	7.91	8.61	8.70r	8.72r	8.56r	9.15
	All consumers: Average	7.98	7.88	7.98	7.89	7.64	7.57	7.71	8.33	8.36r	8.19r	8.24r	8.66
	10% decile ⁽²⁾	7.96	7.91	7.90	7.82	7.58	7.53	7.70	8.29	8.22r	8.16r	8.33r	8.78
	median⁽²⁾	9.63	9.55	9.58	9.63	9.55	9.56	9.44	9.90	9.94r	9.98r	10.10r	10.57
	90% decile ⁽²⁾	11.56	11.73	11.73	11.77	11.64	11.63	11.70	11.79	12.06r	12.41r	12.09r	12.50
Gas⁽⁴⁾	Small	2.964	3.281	4.042	2.944	2.571	2.634	3.907	2.558	2.575r	2.845r	3.500r	2.761
(Pence per kWh)	Medium	2.538	2.562	2.633	2.456	2.252	2.234	2.481	2.223	2.172r	2.248r	2.300r	2.308
	Large	2.026	1.842	1.727	1.676	1.503	1.357	1.360	1.656	1.804r	1.573r	1.569r	1.794
	All consumers: Average	2.130	1.953	1.824	1.793	1.641	1.478	1.474	1.741	1.883r	1.675r	1.648r	1.876
	Firm ⁽⁵⁾	2.241	2.062	1.973	1.933	1.788	1.597	1.624	1.857	1.993r	1.773r	1.753r	1.982
	Interruptible	2.005	1.836	1.706	1.666	1.475	1.346	1.354	1.636	1.764r	1.567r	1.565r	1.780
	10% decile ⁽²⁾	2.096	1.955	1.802	1.754	1.586	1.483	1.523	1.676	1.772r	1.619r	1.608r	1.805
	median⁽²⁾	2.743	2.751	2.862	2.573	2.385	2.464	2.831	2.344	2.329r	2.425r	2.709r	2.388
	90% decile ⁽²⁾	3.758	4.694	8.415	4.243	4.003	4.341	7.109	3.781	3.953r	4.506r	8.258r	4.244

For notes see notes page

**Table 3.1.2 Prices of fuels purchased by manufacturing industry in Great Britain⁽¹⁾
Excluding the Climate Change Levy**

		Pence per kWh												
		2015				2016				2017				
	Size of consumer	1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter p	
Coal⁽⁶⁾⁽⁷⁾⁽¹⁰⁾	Small	..	..	..	..	..	..	..	..	..	..	..	..
	Medium	..	..	..	..	..	..	..	..	..	..	..	..
	Large	0.860	0.918	0.863	0.851	0.797	0.792	0.814	0.758	0.857	0.921	0.962	..	
	All consumers Average	0.933	0.989	0.931	0.929	0.881	0.877	0.890	0.850	0.929	0.985	1.020	0.907	
	Median ⁽²⁾	
Heavy fuel oil⁽⁵⁾⁽⁶⁾⁽⁹⁾	Small	3.523	3.550	3.447	3.139	3.067	3.314	3.873	3.959	4.691r	3.785r	4.484r	4.284	
	Medium	3.484	3.658	3.399	3.275	3.021	2.971	3.265	3.679	4.308r	3.992r	3.722r	4.217	
	Large	2.744	2.728	2.577	2.433	2.150	2.802	3.041	3.197	3.460r	3.694r	3.604r	3.459	
	Of which:	Extra large	..	..	..	..	..	..	..	..	..	..	..
		Moderately large	..	..	..	..	..	..	..	..	..	..	..
	All consumers Average	3.104	3.160	2.978	2.819	2.575	2.928	3.228	3.465	3.918r	3.810r	3.761r	3.831	
		Median ⁽²⁾	3.800	3.766	3.659	3.157	2.952	3.203	3.553	3.951	4.294r	3.978	4.064r	4.298
Gas oil⁽³⁾	Small	4.444	4.684	4.287	4.093	3.566	4.083	4.775	4.910	4.833r	4.762r	4.814r	4.833	
	Medium	4.713	4.785	4.485	4.034	3.524	3.677	4.027	4.473	4.671r	4.473r	4.463r	4.800	
	Large	4.127	4.285	3.857	3.722	3.342	3.715	3.762	4.206	4.414r	4.216r	4.194r	4.691	
	All consumers Average	4.222	4.370	3.961	3.778	3.375	3.719	3.827	4.264	4.463r	4.268r	4.250r	4.710	
		Median ⁽²⁾	4.469	4.512	4.208	3.951	3.468	3.766	4.069	4.454	4.635r	4.449r	4.448	4.821
Electricity	Small	10.799	10.851	10.925	10.814	10.891	10.678	11.100	10.810	10.526r	11.439r	10.830r	11.137	
	Medium	9.133	9.138	9.122	9.121	9.136	8.883	9.012	9.470	9.658r	9.302r	9.453r	10.059	
	Large	7.320	7.175	7.311	7.200	6.825	6.825	6.950	7.702	7.703r	7.513r	7.578r	7.946	
	Of which:	Extra large	6.291	6.205	6.486	6.185	5.601	5.686	5.710	6.526	6.418r	5.950r	6.312r	6.395
		Moderately large	8.116	7.925	7.949	7.984	7.771	7.706	7.908	8.611	8.696r	8.722r	8.556r	9.145
	All consumers Average	7.979	7.883	7.977	7.893	7.643	7.567	7.710	8.328	8.359r	8.192r	8.238r	8.663	
		10% decile ⁽²⁾	7.964	7.913	7.902	7.815	7.583	7.529	7.697	8.286	8.219r	8.156r	8.333r	8.784
		Median ⁽²⁾	9.631	9.552	9.576	9.634	9.554	9.558	9.443	9.898	9.935r	9.981r	10.098r	10.569
	90% decile ⁽²⁾	11.559	11.725	11.727	11.770	11.644	11.632	11.699	11.790	12.055r	12.412r	12.091r	12.501	
Gas⁽⁴⁾	Small	2.964	3.281	4.042	2.944	2.571	2.634	3.907	2.558	2.575r	2.845r	3.500r	2.761	
	Medium	2.538	2.562	2.633	2.455	2.253	2.234	2.481	2.223	2.171r	2.248r	2.300r	2.308	
	Large	2.026	1.842	1.727	1.675	1.503	1.357	1.359	1.656	1.804r	1.573r	1.569r	1.794	
	All consumers Average	2.130	1.953	1.824	1.793	1.641	1.477	1.474	1.741	1.883r	1.675r	1.648r	1.876	
		Firm ⁽⁵⁾	2.241	2.062	1.973	1.933	1.788	1.597	1.624	1.857	1.993r	1.773r	1.753r	1.982
		Interruptible	2.005	1.836	1.706	1.666	1.475	1.346	1.354	1.636	1.764r	1.567r	1.565r	1.780
		10% decile ⁽²⁾	2.096	1.955	1.802	1.754	1.586	1.483	1.523	1.676	1.772r	1.619r	1.608r	1.805
		Median ⁽²⁾	2.743	2.751	2.862	2.573	2.385	2.464	2.831	2.344	2.329r	2.425r	2.709r	2.388
		90% decile ⁽²⁾	3.758	4.694	8.415	4.243	4.003	4.341	7.109	3.781	3.953r	4.506	8.258r	4.244

For notes see notes page

Table 3.1.3 Annual prices of fuels purchased by manufacturing industry in Great Britain⁽¹⁾ excluding the Climate Change Levy

		Original units							
	Size of consumer	2010	2011	2012	2013	2014	2015	2016	2017
Coal ⁽⁶⁾⁽⁷⁾⁽¹⁰⁾ (£ per tonne)	Small	..	..	..	..	..	..	..	..
	Medium	..	..	..	..	..	..	..	..
	Large	65.46	81.59	82.70	88.38	86.56	77.44	63.12	69.19
	All consumers: Average	70.90	87.03	87.54	94.59	93.64	80.98	69.14	73.94
Heavy fuel oil ⁽³⁾⁽⁶⁾⁽⁹⁾ (£ per tonne)	Small	506.9	625.6	651.8	675.4	558.8	406.3	415.2	518.4
	Medium	461.0	537.5	592.8	581.7	519.4	411.5	385.5	486.7
	Large	469.6	581.8	605.8	570.5	519.1	313.0	328.0	417.2
	Of which: Extra large	..	..	..	..	..	..	..	..
	Moderately large	..	..	..	..	..	..	..	..
All consumers: Average	471.5	572.0	607.3	588.2	524.4	359.6	359.5	454.7	
Gas oil ⁽³⁾ (£ per tonne)	Small	618.6	782.4	825.7	815.3	750.2	553.8	544.4	608.1
	Medium	620.4	766.2	806.6	803.1	748.5	570.8	493.3	584.2
	Large	588.0	731.7	759.6	743.2	670.7	505.0	471.6	556.4
	All consumers: Average	593.6	738.1	768.3	753.9	684.3	516.0	476.7	561.9
Electricity (Pence per kWh)	Small	8.804	8.528	9.504	9.834	10.434	10.843	10.864	10.968
	Medium	7.484	7.794	8.491	8.672	9.121	9.129	9.125	9.615
	Large	5.964	6.468	6.742	7.237	7.117	7.251	7.077	7.685
	Of which: Extra large	5.180	5.785	6.093	6.535	6.089	6.291	5.880	6.270
	Moderately large	6.570	6.996	7.245	7.780	7.912	7.993	8.003	8.779
All consumers: Average	6.512	6.922	7.343	7.749	7.814	7.932	7.813	8.361	
Gas ⁽⁴⁾ (Pence per kWh)	Small	2.793	2.887	3.212	3.371	3.410	3.118	2.689	2.784
	Medium	2.242	2.405	2.602	2.809	2.796	2.533	2.273	2.242
	Large	1.642	2.047	2.239	2.479	2.138	1.821	1.476	1.686
	All consumers: Average	1.738	2.109	2.306	2.540	2.243	1.932	1.593	1.775
	Firm	1.861	2.218	2.393	2.597	2.375	2.075	1.740	1.890
	Interruptible	1.635	2.017	2.232	2.493	2.134	1.813	1.470	1.679

For notes see notes page

Table 3.1.4 Prices of fuels purchased by manufacturing industry⁽¹⁾
Excluding the Climate Change Levy
Great Britain

		Pence per kWh							
	Size of consumer	2010	2011	2012	2013	2014	2015	2016	2017
Coal ⁽⁶⁾⁽⁷⁾⁽¹⁰⁾	Small	..	..	..	..	..	..	..	..
	Medium	..	..	..	..	..	..	..	..
	Large	0.856	0.943	0.922	0.949	0.937	0.867	0.789	0.887
	All consumers - Average	0.933	1.036	1.012	1.065	1.065	0.940	0.878	0.957
	Median ⁽²⁾
Heavy fuel oil ⁽³⁾⁽⁶⁾⁽⁹⁾	Small	4.260	5.257	5.478	5.676	4.696	3.414	3.489	4.357
	Medium	3.875	4.517	4.982	4.889	4.365	3.458	3.240	4.090
	Large	3.946	4.889	5.091	4.794	4.362	2.631	2.756	3.506
	Of which: Extra large	..	..	..	..	..	..	..	..
	Moderately large	..	..	..	..	..	..	..	..
	All consumers - Average	3.962	4.807	5.104	4.943	4.407	3.022	3.021	3.821
	Median ⁽²⁾	4.049	4.964	5.232	5.439	4.901	3.504	3.362	3.178
Gas oil ⁽³⁾	Small	4.897	6.194	6.537	6.454	5.939	4.385	4.310	4.814
	Medium	4.912	6.066	6.386	6.358	5.926	4.519	3.906	4.625
	Large	4.655	5.793	6.014	5.884	5.310	3.998	3.734	4.405
	All consumers - Average	4.699	5.844	6.083	5.969	5.417	4.085	3.774	4.448
	Median ⁽²⁾	4.837	6.139	6.409	6.351	5.792	4.322	3.933	4.573
Electricity	Small	8.804	8.528	9.504	9.834	10.434	10.843	10.864	10.968
	Medium	7.484	7.794	8.491	8.672	9.121	9.129	9.125	9.615
	Large	5.964	6.468	6.742	7.237	7.117	7.251	7.077	7.685
	Of which: Extra large	5.180	5.785	6.093	6.535	6.089	6.291	5.880	6.270
	Moderately large	6.570	6.996	7.245	7.780	7.912	7.993	8.003	8.779
	All consumers - Average	6.512	6.922	7.343	7.749	7.814	7.932	7.813	8.361
	10% decile ⁽²⁾	6.068	6.621	7.017	7.476	7.697	7.902	7.692	8.348
	Median ⁽²⁾	7.729	7.998	8.713	8.984	9.434	9.601	9.623	10.142
	90% decile ⁽²⁾	10.723	10.107	10.802	11.126	11.329	11.727	11.699	12.270
	Gas ⁽⁴⁾	Small	2.793	2.887	3.212	3.371	3.410	3.118	2.689	2.784
Medium		2.242	2.405	2.602	2.809	2.796	2.533	2.273	2.242
Large		1.642	2.047	2.239	2.479	2.138	1.821	1.476	1.686
All consumers - Average		1.738	2.109	2.306	2.540	2.243	1.932	1.593	1.775
Firm		1.861	2.218	2.393	2.597	2.375	2.075	1.740	1.890
Interruptible		1.635	2.017	2.232	2.493	2.134	1.813	1.470	1.679
10% decile ⁽²⁾		1.533	1.969	2.170	2.418	2.173	1.915	1.576	1.686
Median ⁽²⁾		2.307	2.502	2.802	2.947	2.914	2.726	2.481	2.427
90% decile ⁽²⁾		4.274	4.849	5.187	5.468	4.798	4.857	4.813	5.034

For notes see notes page

Notes for Tables 3.1.1 to 3.1.4

- (1) Average prices paid (exclusive of VAT) by respondents to a Department for Business Energy and Industrial Strategy (BEIS) survey of some 600 manufacturing sites. The average price for each size of consumer is obtained by dividing the total quantity of purchases, for each fuel, into their total value. Prices vary widely around the average values shown (see footnote 2). Purchases of fuels used as raw materials in manufacturing are excluded. For further details, see Annex A.
- (2) The 10% decile is the point within the complete range of prices below which the bottom 10% of those prices fall. Similarly the 90% decile is the point above which the top 10% of prices occur. The median is the midway point. Thus, these values show the spread of prices paid. The deciles and the median are calculated by giving equal 'weight' to each purchaser but scaled to represent the mix of fuel users by size in the industrial population that the panel represents, whereas the average prices for each size-band and all consumers are given 'weight' according to the quantity purchased. The 10% and 90% deciles are not published from Q1 2005 onwards, except for gas and electricity.
- (3) Oil product prices include hydrocarbon oil duty. From 23 March 2011 the effective duty rates are for heavy fuel oil 10.7 pence per litre (£108.71 per tonne) and for gas oil 11.14 pence per litre (£130.45 per tonne).
- (4) Covers all supplies of natural gas including, for example, those purchased direct from onshore/offshore gas fields. Respondents purchasing more than one type of supply (firm contract and interruptible contract) are treated as separate entities in respect of each type of supply.
- (5) From Q1 1998 tariff gas prices are not collected separately and are included in the firm contract prices. The 90% decile and average firm contract price will be affected by contributors who previously had separate contracts for tariff and firm contract gas. In Q4 1997, tariff gas represented a weight of around 1% of the sample.
- (6) It should be noted that prices for these fuels are drawn from small samples.
- (7) Excludes breeze and blast furnace supplies.
- (8) Following a consultation with users, this data is no longer published.
- (9) Extra-large and moderately large splits are no longer published (from Q2 2008)
- (10) Only large and average prices are published (from Q1 2010). Average prices will be produced with the provisional prices, large prices with the final prices.

The source of the original data is ONS.

Prices are shown for various sizes of consumers. These size bands are defined in terms of the approximate annual purchases by the consumers purchasing them, as shown in the table below.

Fuel	Range of annual purchases of which:				
	Large Greater than	Extra large Greater than	Moderately large	Medium	Small Less than
Coal (tonnes)	7,600	n/a	n/a	760 to 7,600	760
Heavy fuel oil (tonnes)	4,900	n/a	n/a	490 to 4,900	490
Gas oil (tonnes)	175	n/a	n/a	35 to 175	35
Electricity (thousand kWh)	8,800	150,000	8,800 to 150,000	880 to 8,800	880
Gas* (thousand kWh)	8,800	n/a	n/a	1,500 to 8,800	1,500

*Respondents purchasing more than one type of supply (firm contract and interruptible contract) are treated as separate entities in respect of each type of supply.

The Climate Change Levy (CCL) came into effect in April 2001. Information on the operation of the CCL is available on the HM Revenue and Customs web site at <https://www.gov.uk/government/organisations/hm-revenue-customs>

Although data from the Quarterly Fuels Inquiry cannot currently be used to produce estimates of the amount of levy paid by size of consumer, it has been used to give an estimate of the average amount of levy paid for coal. Data from suppliers has been used to produce estimates of the average amount of levy paid on gas and electricity.

Table of the average amount of Climate Change Levy paid by fuel type

Fuel	Full rate of Levy ⁽ⁱ⁾	Average amount paid ⁽ⁱⁱ⁾			
		Q1/17	Q2/17	Q3/17	Q4/17
Coal	£15.51/tonne	£6.2/tonne	£6.2/tonne	£6.2/tonne	£6.2/tonne
Electricity	0.568p/kWh	0.37p/kWh	0.36p/kWh	0.36p/kWh	0.36p/kWh
Gas	0.198p/kWh	0.10p/kWh	0.10p/kWh	0.08p/kWh	0.09p/kWh
LPG	£12.72/tonne	..	..	..	..

(i) The levy rates shown here are the rates from April 2017. Previous rates are shown in Annex A

(ii) estimated

Table 3.2.1 Average prices of fuels purchased by the major UK power producers⁽¹⁾
United Kingdom

	Major power producers ⁽¹⁾				
	Coal ⁽²⁾		Oil ⁽³⁾⁽⁴⁾		Natural gas ⁽⁵⁾
	£ per tonne	pence per kWh	£ per tonne	pence per kWh	pence per kWh
1993	42.44	0.611	55.91	0.472	0.706
1994	36.35	0.528	67.90	0.526	0.667
1995	35.11	0.500	81.12	0.684	0.643
1996	35.22	0.507	84.15	0.709	0.628
1997	33.74	0.474	89.75	0.746	0.647
1998	30.17	0.421	71.87	0.599	0.656
1999	29.01	0.405	85.84	0.715	0.613
2000	29.35	0.406	120.96	1.010	0.595
2001	32.20	0.444	118.59	0.981	0.664
2002	29.66	0.409	127.92	1.061	0.609
2003	28.11	0.389	158.40	1.308	0.682
2004	32.61	0.450	145.60	1.205	0.761
2005	36.07	0.497	233.45	1.932	1.015
2006	38.06	0.523	254.61	2.117	1.284
2007	41.16	0.566	240.27	1.984	1.236
2008	65.57	0.901	287.36	2.373	1.644
2009	54.42	0.753	268.32	2.220	1.403
2010	62.30	0.869	419.48	3.487	1.461
2011	80.14	1.110	531.39	4.418	1.914
2012	66.33	0.911	577.20	4.799	2.135
2013	61.55	0.842	539.93	4.489	2.299
2014	56.70	0.779	488.65	4.053	1.890
2015	48.71	0.669	325.84	2.703	1.586
2016	54.29	0.747	287.86	2.393	1.276
2017	73.94	1.016	370.83	3.083	1.524
Per cent change ⁽⁶⁾	+36.2	+36.1	+28.8	+28.8	+19.5
2015 3rd quarter	47.09	0.65	304.1	2.52	1.53
2015 4th quarter	44.42	0.61	277.7	2.30	1.39
2016 1st quarter	48.32	0.66	223.1	1.86	1.27
2016 2nd quarter	37.20	0.51	264.6	2.20	1.15
2016 3rd quarter	51.75	0.71	327.6	2.72	1.16
2016 4th quarter	75.52	1.04	360.5	3.00	1.48
2017 1st quarter	74.18	1.02	352.5	2.93	1.57
2017 2nd quarter	67.03	0.92	376.5	3.13	1.43
2017 3rd quarter	76.73	1.05	354.7	2.95	1.46
2017 4th quarter	79.51	1.09	398.8	3.32	1.64
Per cent change ⁽⁶⁾	+5.3	+5.3	+10.6	+10.6	+11.0

(1) Companies that produce electricity from nuclear sources plus all companies whose prime purpose is the generation of electricity are included under the heading "Major Power Producers". A list of these companies is given in Annex A.

(2) Includes slurry. Price excludes CPS (Carbon Price Support) levy.

(3) Includes oil for burning, for gas turbines and for internal combustion engines (other than for use in road vehicles). Excludes any natural gas liquids burnt at Peterhead power station.

(4) Includes hydrocarbon oil duty.

(5) Includes sour gas. Price excludes CPS (Carbon Price Support) levy.

(6) Percentage change relates to the corresponding period a year earlier. The annual percentage change varies depending on the units used as the calorific values change each year. For further information see Annex B.

Note: Prices of natural gas at UK delivery points have been removed due to unavailability of data.

**Table 3.3.1 Fuel price indices for the industrial sector in current terms
excluding the Climate Change Levy
United Kingdom**

2010=100

	<i>Unadjusted</i>					<i>Seasonally adjusted</i>		
	Coal ⁽¹⁾	Heavy fuel oil ⁽¹⁾	Gas ⁽²⁾	Electricity ⁽²⁾	Total fuel ⁽³⁾	Gas ⁽²⁾	Electricity ⁽²⁾	Total fuel ⁽³⁾
1983	73.2	29.8	53.3	45.9	44.6	..	..	..
1984	73.3	35.4	55.1	45.8	46.6	..	..	..
1985	76.2	35.9	58.8	47.6	49.3	..	..	..
1986	72.4	17.3	51.3	48.0	45.0	..	..	..
1987	69.4	18.5	48.3	46.7	44.2	..	..	..
1988	61.7	13.6	46.0	49.2	44.5	..	..	..
1989	60.2	14.9	44.5	52.7	46.5	..	..	..
1990	61.9	16.2	45.3	52.6	46.5	..	..	..
1991	61.0	14.2	45.7	54.3	47.5	..	..	..
1992	61.8	13.6	45.9	57.3	50.2	..	..	..
1993	58.0	14.5	44.2	60.1	50.8	..	..	..
1994	57.3	15.7	43.3	57.9	49.3	..	..	..
1995	53.8	18.4	40.5	57.3	48.8	..	..	..
1996	51.1	20.3	30.9	55.4	46.6	..	..	..
1997	49.9	19.4	32.0	52.2	43.7	..	..	..
1998	51.1	16.2	33.7	51.7	43.6	..	..	..
1999	50.3	18.5	33.5	52.0	44.3	..	..	..
2000	50.4	26.8	36.5	48.2	41.7	..	..	..
2001	51.7	26.8	48.9	44.1	41.8	..	..	..
2002	53.0	28.0	46.2	42.6	40.7	..	..	..
2003	48.6	32.4	48.2	41.2	41.0	..	..	..
2004	54.1	32.6	53.7	44.9	44.2	..	..	..
2005	63.6	43.3	81.6	60.2	62.1	..	..	..
2006	60.8	55.2	101.8	80.8	81.0	..	..	..
2007	70.7	57.2	82.1	82.9	77.8	..	..	..
2008	91.7	83.3	123.7	102.1	103.1	..	..	..
2009	86.3	81.3	103.9	110.1	103.5	..	..	..
2010	100.0	100.0	100.0	100.0	100.0	..	..	..
2011	111.1	121.3	122.3	103.2	111.3	..	..	..
2012	108.5	128.8	133.5	108.4	118.3	..	..	..
2013	114.2	124.8	147.8	114.2	123.0	..	..	..
2014	114.1	111.2	132.7	120.6	120.7	..	..	..
2015	100.8	76.3	119.0	122.1	114.1	..	..	..
2016	94.1	76.2	100.0	118.0	108.2	..	..	..
2017	102.5	96.4	106.2	122.7	115.7	..	..	..
Per cent change ⁽⁴⁾	+8.9	+26.5	+6.3	+4.0	+6.9	..	..	..
2015 3rd quarter	100.0	75.1	112.1	121.5	112.3	118.5	123.2	114.6
4th quarter	99.6	71.1	112.5	122.4	112.4	108.7	121.3	110.9
2016 1st quarter	94.4	65.0	107.4	119.8	108.9	101.8	117.5	106.4
2nd quarter	94.0	73.9	93.3	113.9	104.0	97.6	115.5	105.8
3rd quarter	97.5	81.5	92.6	116.2	106.7	97.8	118.2	108.8
4th quarter	91.1	87.5	106.6	122.0	113.6	102.2	120.7	112.1
2017 1st quarter	99.6	98.9	112.7	125.1	118.7	106.6	122.4	115.9r
2nd quarter	105.6	96.1	100.6	120.6	113.3	105.8	122.4	115.3r
3rd quarter	109.3	94.9	100.9	117.4	111.1	106.5	119.7	113.5r
4th quarter p	97.3	96.7	110.7	127.6	119.6	105.8	126.2	117.9
Per cent change ⁽⁴⁾	+6.8	+10.6	+3.9	+4.6	+5.3	+3.6	+4.6	+5.2

(1) Indices based on a survey of the prices (excluding VAT) of fuels delivered to industrial consumers in Great Britain, as shown in Table 3.1.1.

(2) Indices based on the average unit value (excluding VAT) of sales to industrial consumers.

(3) Total fuel indices are annually weighted.

(4) Percentage change relates to the corresponding period a year earlier.

Note: r's indicate revised data. An r in the date column indicates the majority of data in the row has been revised.

**Table 3.3.1 Fuel price indices for the industrial sector in real terms⁽¹⁾
excluding the Climate Change Levy
United Kingdom**

2010=100

	<i>Unadjusted</i>					<i>Seasonally adjusted</i>			GDP deflator
	Coal ⁽²⁾	Heavy fuel oil ⁽²⁾	Gas ⁽³⁾	Electricity ⁽³⁾	Total fuel ⁽⁴⁾	Gas ⁽³⁾	Electricity ⁽³⁾	Total fuel ⁽⁴⁾	
1983	175.3	71.3	127.7	109.8	106.8	..	..	..	41.8
1984	166.9	80.7	125.5	104.2	106.1	..	..	..	43.9
1985	164.3	77.5	126.9	102.6	106.3	..	..	..	46.4
1986	149.4	35.7	106.0	99.2	92.8	..	..	..	48.4
1987	136.0	36.2	94.7	91.4	86.5	..	..	..	51.1
1988	114.1	25.2	85.1	91.0	82.4	..	..	..	54.1
1989	103.5	25.5	76.4	90.5	79.8	..	..	..	58.2
1990	98.5	25.7	72.0	83.6	74.0	..	..	..	62.9
1991	91.1	21.2	68.2	81.1	70.9	..	..	..	67.0
1992	89.5	19.8	66.5	83.0	72.7	..	..	..	69.1
1993	81.9	20.5	62.4	84.8	71.7	..	..	..	70.9
1994	79.9	21.9	60.4	80.7	68.8	..	..	..	71.7
1995	73.2	25.0	55.1	78.1	66.4	..	..	..	73.5
1996	66.9	26.5	40.4	72.4	61.0	..	..	..	76.5
1997	64.7	25.2	41.5	67.7	56.6	..	..	..	77.2
1998	65.5	20.7	43.2	66.3	55.9	..	..	..	78.1
1999	63.9	23.5	42.6	66.1	56.3	..	..	..	78.7
2000	62.8	33.4	45.4	60.1	52.0	..	..	..	80.3
2001	63.8	33.1	60.3	54.5	51.7	..	..	..	81.0
2002	64.0	33.9	55.8	51.4	49.1	..	..	..	82.8
2003	57.3	38.2	56.8	48.5	48.4	..	..	..	84.8
2004	62.2	37.5	61.7	51.6	50.8	..	..	..	86.9
2005	71.2	48.6	91.4	67.4	69.5	..	..	..	89.2
2006	66.2	60.1	110.7	87.9	88.1	..	..	..	92.0
2007	74.9	60.7	87.0	87.9	82.4	..	..	..	94.3
2008	94.5	85.9	127.6	105.3	106.3	..	..	..	97.0
2009	87.6	82.6	105.5	111.9	105.2	..	..	..	98.5
2010	100.0	100.0	100.0	100.0	100.0	..	..	..	100.0
2011	108.9	118.9	119.9	101.1	109.1	..	..	..	102.0
2012	104.7	124.3	128.8	104.6	114.1	..	..	..	103.6
2013	108.2	118.2	140.0	108.2	116.5	..	..	..	105.6
2014	106.3	103.6	123.6	112.3	112.4	..	..	..	107.4
2015	93.4	70.7	110.3	113.2	105.8	..	..	..	107.9
2016	85.6	69.3	90.9	107.2	98.4	..	..	..	110.0
2017	91.3	85.9	94.6	109.3	103.0	..	..	..	112.3
Per cent change ⁽⁵⁾	+6.7	+23.9	+4.1	+1.9	+4.7	..	..	..	+2.1
2015 3rd quarter	92.5	69.6	103.8	112.5	104.0	109.7	114.1	106.1	108.0
4th quarter	92.5	66.1	104.6	113.8	104.4	101.0	112.7	103.1	107.6
2016 1st quarter	86.6	59.6	98.6	110.0	99.9	93.4	107.8	97.7	109.0
2nd quarter	85.6	67.3	85.0	103.8	94.8	88.9	105.3	96.4	109.7
3rd quarter	88.4	73.8	83.9	105.3	96.6	88.6	107.1	98.6	110.4
4th quarter	82.1	78.8	96.0	109.9	102.4	92.1	108.8	101.0	111.0
2017 1st quarter	89.3	88.6	101.0	112.1	106.4	95.6	109.7	103.8	111.6r
2nd quarter	94.1	85.7	89.7	107.5	101.0	94.3	109.1	102.9	112.1r
3rd quarter	97.2	84.3	89.6	104.3	98.7	94.7	106.3	100.9	112.5r
4th quarter p	86.2	85.7	98.1	113.0	106.0	93.7	111.8	104.4	112.9
Per cent change ⁽⁵⁾	+5.0	+8.7	+2.1	+2.9	+3.5	+1.8	+2.8	+3.4	+1.7

(1) Deflated using the GDP implied deflator at market prices.

(2) Indices based on a survey of the prices (excluding VAT) of fuels delivered to industrial consumers in Great Britain, as shown in Table 3.1.1.

(3) Indices based on the average unit value (excluding VAT) of sales to industrial consumers.

(4) Total fuel indices are annually weighted.

(5) Percentage change relates to the corresponding period a year earlier.

Note: r's indicate revised data. An r in the date column indicates the majority of data in the row has been revised.

Table 3.3.2 Fuel price indices for the industrial sector in current terms including the Climate Change Levy⁽¹⁾
United Kingdom

2010=100

	<i>Unadjusted</i>					<i>Seasonally adjusted</i>		
	Coal ⁽²⁾	Heavy fuel oil ⁽³⁾	Gas ⁽⁴⁾	Electricity ⁽⁴⁾	Total fuel ⁽⁵⁾	Gas ⁽⁴⁾	Electricity ⁽⁴⁾	Total fuel ⁽⁵⁾
1983	68.6	29.8	51.9	44.3	43.3	..	..	..
1984	68.7	35.4	53.6	44.2	45.3	..	..	..
1985	71.4	35.9	57.3	46.0	47.9	..	..	..
1986	67.8	17.3	50.0	46.4	43.5	..	..	..
1987	65.1	18.5	47.1	45.1	42.7	..	..	..
1988	57.8	13.6	44.8	47.5	43.1	..	..	..
1989	56.5	14.9	43.3	50.9	44.9	..	..	..
1990	58.0	16.2	44.0	50.8	45.0	..	..	..
1991	57.2	14.2	44.5	52.5	45.9	..	..	..
1992	57.9	13.6	44.6	55.4	48.5	..	..	..
1993	54.4	14.5	43.0	58.0	49.1	..	..	..
1994	53.7	15.7	42.1	55.9	47.7	..	..	..
1995	50.4	18.4	39.4	55.4	47.2	..	..	..
1996	47.9	20.3	30.1	53.5	45.2	..	..	..
1997	46.8	19.4	31.1	50.4	42.3	..	..	..
1998	47.9	16.2	32.8	50.0	42.2	..	..	..
1999	47.2	18.5	32.6	50.3	42.9	..	..	..
2000	47.2	26.8	35.5	46.6	40.5	..	..	..
2001	54.6	26.8	49.9	45.1	42.6	..	..	..
2002	55.8	28.0	48.4	44.1	42.1	..	..	..
2003	51.6	32.4	50.1	42.7	42.3	..	..	..
2004	56.8	32.6	55.2	46.4	45.4	..	..	..
2005	65.7	43.3	82.2	60.9	62.6	..	..	..
2006	63.1	55.2	101.8	81.0	81.1	..	..	..
2007	72.4	57.3	82.1	82.8	77.7	..	..	..
2008	92.1	83.3	123.0	101.8	102.8	..	..	..
2009	87.1	81.3	104.7	109.9	103.5	..	..	..
2010	100.0	100.0	100.0	100.0	100.0	..	..	..
2011	110.4	121.3	122.2	103.1	111.2	..	..	..
2012	107.9	128.8	133.2	108.0	118.0	..	..	..
2013	113.3	124.8	147.2	113.5	122.4	..	..	..
2014	113.2	111.2	132.5	119.6	120.1	..	..	..
2015	100.8	76.3	119.1	121.2	113.5	..	..	..
2016	94.5	76.2	100.6	118.4	108.6	..	..	..
2017	102.4	96.4	106.7	123.4	116.2	..	..	..
Per cent change ⁽⁶⁾	+8.3	+26.5	+6.0	+4.2	+7.0	..	..	..
2015 3rd quarter	100.0	75.1	111.6	120.7	111.7	118.7	122.4	114.0
2015 4th quarter	99.6	71.1	112.6	122.1	112.2	109.1	120.9	110.8
2016 1st quarter	94.8	65.0	108.5	119.7	109.0	102.5	117.6	106.6
2016 2nd quarter	94.5	73.9	94.6	114.4	104.6	98.4	115.9	106.2
2016 3rd quarter	97.7	81.5	92.5	116.7	107.0	98.5	118.7	109.3
2016 4th quarter	91.7	87.5	106.9	122.5	114.1	102.5	121.2	112.5
2017 1st quarter	99.6	98.9	113.5	125.6	119.1	107.2	123.1	116.4r
2017 2nd quarter	105.2	96.1	101.6	121.4	114.0	106.2	123.1	115.9r
2017 3rd quarter	108.8	94.9	100.8	118.5	111.8	107.2	120.7	114.3r
2017 4th quarter p	97.4	96.7	110.9	127.8	119.8	105.9	126.4	118.0
Per cent change ⁽⁶⁾	+6.3	+10.6	+3.8	+4.3	+5.0	+3.3	+4.3	+4.9

- (1) The levy came into effect in April 2001 (Q2). The full rates of levy as of 1 April 2017 are: coal 15.51 £/tonne, gas 0.198 p/kWh, electricity 0.568 p/kWh; discounts and exemptions are available.
- (2) Indices based on a survey of the prices (excluding VAT) of fuels delivered to industrial consumers in Great Britain, as shown in Table 3.1.1, but with the inclusion of an estimation of the amount of CCL paid.
- (3) Indices based on a survey of the prices (excluding VAT) of fuels delivered to industrial consumers in Great Britain, as shown in Table 3.1.1.
- (4) Indices based on the average unit value (excluding VAT) of sales to industrial consumers.
- (5) Total fuel indices are annually weighted.
- (6) Percentage change relates to the corresponding period a year earlier.
- Note: r's indicate revised data. An r in the date column indicates the majority of data in the row has been revised.

**Table 3.3.2 Fuel price indices for the industrial sector in real terms⁽¹⁾
including the Climate Change Levy⁽²⁾
United Kingdom**

2010=100

	<i>Unadjusted</i>					<i>Seasonally adjusted</i>			GDP deflator
	Coal ⁽³⁾	Heavy fuel oil ⁽⁴⁾	Gas ⁽⁵⁾	Electricity ⁽⁵⁾	Total fuel ⁽⁶⁾	Gas ⁽⁵⁾	Electricity ⁽⁵⁾	Total fuel ⁽⁶⁾	
1983	164.3	71.3	124.3	106.1	103.8	..	..	..	41.8
1984	156.4	80.7	122.2	100.7	103.2	..	..	..	43.9
1985	154.0	77.5	123.5	99.1	103.4	..	..	..	46.4
1986	140.0	35.7	103.1	95.8	89.7	..	..	..	48.4
1987	127.4	36.2	92.2	88.3	83.7	..	..	..	51.1
1988	106.9	25.2	82.9	87.9	79.7	..	..	..	54.1
1989	97.0	25.5	74.4	87.4	77.2	..	..	..	58.2
1990	92.3	25.7	70.1	80.8	71.6	..	..	..	62.9
1991	85.3	21.2	66.4	78.3	68.6	..	..	..	67.0
1992	83.8	19.8	64.6	80.2	70.3	..	..	..	69.1
1993	76.7	20.5	60.7	81.9	69.4	..	..	..	70.9
1994	74.9	22.0	58.7	78.0	66.5	..	..	..	71.7
1995	68.6	25.0	53.6	75.4	64.3	..	..	..	73.5
1996	62.7	26.6	39.3	70.0	59.1	..	..	..	76.5
1997	60.6	25.2	40.4	65.4	54.8	..	..	..	77.2
1998	61.3	20.7	42.0	64.0	54.1	..	..	..	78.1
1999	59.9	23.5	41.4	63.9	54.5	..	..	..	78.7
2000	58.8	33.4	44.2	58.0	50.5	..	..	..	80.3
2001	67.4	33.1	61.6	55.6	52.6	..	..	..	81.0
2002	67.3	33.9	58.5	53.3	50.9	..	..	..	82.8
2003	60.9	38.2	59.1	50.4	49.9	..	..	..	84.8
2004	65.4	37.5	63.4	53.4	52.2	..	..	..	86.9
2005	73.6	48.6	92.1	68.2	70.2	..	..	..	89.2
2006	68.6	60.1	110.7	88.1	88.2	..	..	..	92.0
2007	76.8	60.7	87.0	87.7	82.4	..	..	..	94.3
2008	95.0	85.9	126.9	104.9	106.0	..	..	..	97.0
2009	88.5	82.6	106.3	111.6	105.2	..	..	..	98.5
2010	100.0	100.0	100.0	100.0	100.0	..	..	..	100.0
2011	108.2	118.9	119.7	101.1	109.0	..	..	..	102.0
2012	104.2	124.3	128.5	104.3	113.9	..	..	..	103.6
2013	107.4	118.2	139.4	107.5	116.0	..	..	..	105.6
2014	105.5	103.7	123.5	111.5	112.0	..	..	..	107.4
2015	93.4	70.7	110.4	112.3	105.2	..	..	..	107.9
2016	85.9	69.3	91.5	107.6	98.7	..	..	..	110.0
2017	91.2	85.9	95.0	109.9	103.5	..	..	..	112.3
Per cent change ⁽⁷⁾	+6.1	+23.9	+3.9	+2.1	+4.8	..	..	..	+2.1
2015 3rd quarter	92.6	69.6	103.3	111.7	103.4	109.9	113.3	105.6	108.0
4th quarter	92.6	66.1	104.6	113.5	104.2	101.4	112.4	102.9	107.6
2016 1st quarter	87.0	59.6	99.5	109.9	100.0	94.0	107.9	97.8	109.0
2nd quarter	86.1	67.3	86.2	104.2	95.3	89.7	105.6	96.8	109.7
3rd quarter	88.5	73.8	83.9	105.7	96.9	89.2	107.5	99.0	110.4
4th quarter	82.6	78.8	96.2	110.4	102.8	92.4	109.3	101.4	111.0
2017 1st quarter	89.3	88.6	101.8	112.6	106.8	96.1	110.3	104.3	111.6r
2nd quarter	93.8	85.7	90.6	108.2	101.6	94.7	109.7	103.3	112.1r
3rd quarter	96.6	84.3	89.5	105.3	99.3	95.3	107.3	101.6	112.5r
4th quarter p	86.3	85.7	98.2	113.2	106.1	93.9	112.0	104.6	112.9
Per cent change ⁽⁷⁾	+4.5	+8.7	+2.1	+2.6	+3.3	+1.6	+2.5	+3.1	+1.7

(1) Deflated using the GDP implied deflator at market prices.

(2) The levy came into effect in April 2001 (Q2). The full rates of levy as of 1 April 2017 are: coal 15.51 £/tonne, gas 0.198 p/kWh, electricity 0.568 p/kWh; discounts and exemptions are available.

(3) Indices based on a survey of the prices (excluding VAT) of fuels delivered to industrial consumers in Great Britain, as shown in Table 3.1.1, but with the inclusion of an estimation of the amount of CCL paid.

(4) Indices based on a survey of the prices (excluding VAT) of fuels delivered to industrial consumers in Great Britain, as shown in Table 3.1.1.

(5) Indices based on the average unit value (excluding VAT) of sales to industrial consumers.

(6) Total fuel indices are annually weighted.

(7) Percentage change relates to the corresponding period a year earlier.

Note: r's indicate revised data. An r in the date column indicates the majority of data in the row has been revised.

Table 3.4.1 Prices of fuels purchased by non-domestic consumers in the United Kingdom (excluding the Climate Change Levy)

		Pence per kWh									
Fuel	Size of consumer	2015		2016				2017			
		4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter	
Electricity	Very Small	12.60	12.56	12.39	12.22	12.31	13.34r	13.67r	14.06r	14.03	
	Small	11.73	11.71	11.21	11.59	11.78	12.00r	11.91	12.07r	12.35	
	Small/Medium	10.47	10.41	10.07	10.27	10.66	10.63r	10.43r	10.52r	11.01	
	Medium	9.70	9.63	9.27	9.44	9.92	10.06r	9.90r	9.96r	10.39	
	Large	9.66	9.48	9.27	9.23	9.79	9.98r	9.96r	9.84r	10.49	
	Very Large	9.27	9.27	9.07	9.06	9.71	9.84	9.96	9.77	10.17	
	Extra Large	9.19	8.88	9.04	8.96	9.41	9.07	8.72	8.73	9.29	
	Average	10.24	10.17	9.92	9.99	10.43	10.55r	10.38r	10.38r	10.89	
Gas	Very Small	4.184	3.773	4.046	5.021	3.606	3.529r	4.037r	4.892r	3.665	
	Small	2.549	2.441	2.361	2.692	2.040	2.079	2.318r	2.286r	1.900	
	Medium	2.367	2.254	1.981	2.101	1.974	2.050	2.024r	1.978r	1.836	
	Large	1.894	1.771	1.514	1.584	1.607	1.583	1.522r	1.543r	1.522	
	Very Large	1.668	1.497	1.208	1.270	1.502	1.536	1.363	1.430	1.550	
	Extra Large	1.668	1.497	1.208	1.270	1.502	1.536	1.363	1.430	1.550	
	Average	2.522	2.418	2.232	2.236	2.130	2.133r	2.128r	2.036r	1.979	

Table 3.4.2 Prices of fuels purchased by non-domestic consumers in the United Kingdom (including the Climate Change Levy)

		Pence per kWh									
Fuel	Size of consumer	2015		2016				2017			
		4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter	
Electricity	Very Small	12.96	12.94	12.76	12.58	12.69	13.60r	13.93r	14.30r	14.27	
	Small	12.18	12.18	11.71	12.09	12.30	12.50r	12.44r	12.59r	12.86	
	Small/Medium	10.91	10.87	10.56	10.77	11.17	10.98r	10.78r	10.88r	11.36	
	Medium	10.05	10.01	9.72	9.88	10.41	10.46r	10.31r	10.37r	10.80	
	Large	9.95	9.79	9.67	9.60	10.26	10.35r	10.33r	10.20r	10.88	
	Very Large	9.57	9.59	9.44	9.41	10.16	10.17r	10.26r	10.10r	10.47	
	Extra Large	9.46	9.15	9.31	9.21	9.76	9.35	8.96r	8.97r	9.55	
	Average	10.59	10.54	10.33	10.39	10.88	10.91r	10.74r	10.74r	11.26	
Gas	Very Small	4.311	3.907	4.181	5.134	3.735	3.665r	4.175r	5.014r	3.791	
	Small	2.677	2.572	2.499	2.824	2.170	2.212	2.462r	2.424r	2.030	
	Medium	2.489	2.377	2.104	2.218	2.093	2.169r	2.142r	2.087r	1.946	
	Large	1.983	1.867	1.596	1.661	1.697	1.671	1.608r	1.619r	1.606	
	Very Large	1.701	1.534	1.235	1.293	1.545	1.584	1.406	1.467	1.602	
	Extra Large	1.701	1.534	1.235	1.293	1.545	1.584	1.406	1.467	1.602	
	Average	2.627	2.529	2.337	2.326	2.238	2.235r	2.227r	2.117r	2.073	

Source: BEIS survey of energy suppliers.

Notes: The average price for each size of consumer is obtained by dividing the total quantity of purchases, for each fuel, into their total value. Prices shown are fully delivered prices, including all elements except VAT and, for Table 3.4.1, Climate Change Levy. The electricity and gas sizebands shown in table 3.4.1 and 3.4.2 are defined in terms of the approximate annual purchases by the consumers purchasing them, as shown in the table below.

Annual Consumption

Electricity

Very Small

Small

Small/Medium

Medium

Large

Very Large

Extra Large

MWh

0 - 20

20 - 499

500 - 1,999

2,000 - 19,999

20,000 - 69,999

70,000 - 150,000

>150,000

Gas

Very Small

Small

Medium

Large

Very Large

MWh

<278

278 - 2,777

2,778 - 27,777

27,778 - 277,777

277,778 - 1,111,112

The Climate Change Levy (CCL) came into effect in April 2001. From 1 April 2017 the full rate of levy for electricity is 0.568 p/kWh and for gas 0.198 p/kWh. Previous rates are shown in Annex A. More information is available on the HM Revenue and Customs website at:

<https://www.gov.uk/government/publications/rates-and-allowances-climate-change-levy/climate-change-levy-rates>

Table 4.1.1 Typical retail prices of petroleum products and a crude oil price index⁽¹⁾

United Kingdom

		Motor spirit ⁽¹⁾					Crude oil acquired by refineries ⁽³⁾
		Super unleaded	Premium unleaded	Diesel ⁽¹⁾	Standard grade burning oil ⁽¹⁾	Gas oil ⁽¹⁾⁽²⁾	
		<i>Pence per litre</i>						2010 = 100
2014	January	137.77	130.16	138.11	55.67	66.68	128.8
	February	136.34	129.00	136.65	52.87	65.81	128.5
	March	136.26	128.62	136.03	51.59	65.60	126.3
	April	136.34	128.79	135.87	51.36	66.69	125.4
	May	137.15	129.32	136.10	50.27	63.74	126.6
	June	137.35	129.70	135.41	51.69	63.93	128.2
	July	138.67	131.12	136.01	51.33	62.55	123.0
	August	136.85	129.27	133.61	51.15	62.61	119.5
	September	136.13	128.51	133.07	51.02	61.90	116.3
	October	134.24	126.76	131.08	46.73	58.66	106.4
	November	130.02	122.48	127.18	46.32	57.79	98.7
	December	123.71	116.22	122.37	41.75	51.40	80.5
2015	January	116.22	108.45	115.85	36.43	46.33	64.6
	February	114.94	107.20	114.60	37.27	48.71	70.0
	March	118.68	111.04	118.21	36.84	48.57	73.8
	April	120.07	112.55	119.09	36.47	48.20	76.2
	May	123.32	115.75	120.97	36.87	49.48	80.4
	June	123.96	116.40	121.24	37.11	49.69	76.8
	July	124.31	116.40	118.73	36.49	48.26	71.6
	August	122.33	114.48	111.70	30.38	43.26	59.9
	September	118.63	111.49	109.81	31.10	43.38	60.0
	October	117.22	108.90	110.68	31.28	44.03	61.5
	November	115.64	107.24	110.12	30.02	41.57	57.1
	December	112.36	103.68	107.77	28.59	38.10	50.8
2016	January	110.24	101.74	102.52	22.81	35.19	44.1
	February	109.72	101.40	101.02	21.89	33.46	43.0
	March	110.53	101.73	102.40	26.43	38.21	51.9
	April	115.02	106.44	106.94	27.40	38.84	55.7
	May	117.19	108.43	109.07	29.56	42.08	62.0
	June	119.71	110.96	111.86	32.01	44.30	66.2
	July	120.46	111.66	112.65	32.38	44.49	66.8
	August	118.35	109.05	110.68	30.03	43.74	67.1
	September	120.13	111.21	113.23	31.94	44.48	69.3
	October	123.23	113.56	115.64	37.45	50.25	76.9
	November	125.74	115.88	118.36	35.25	46.10	70.9
	December	123.64	114.07	117.16	38.64	50.01	82.1
2017	January	127.85	118.69	121.99	40.68	51.99	85.8
	February	128.87	119.86	122.80	40.42	51.65	85.2
	March	128.40	119.39	122.34	39.58	52.21	81.3
	April	126.71	117.30	119.89	39.77	51.42	80.0
	May	125.01	115.52	117.40	36.47	47.96	75.5
	June	124.96	115.55	117.54	35.73	45.58	71.3
	July	123.13	113.90	115.40	34.99	46.47	71.5
	August	125.18	115.64	117.35	36.92	48.69	77.0
	September	128.48	118.93	120.52	38.50	50.59	81.3
	October	126.63	117.15	120.34	39.95	51.69	84.7
	November	128.71	119.12	122.72	43.43	54.17	91.2
	December	129.53	119.99	123.51	43.59	53.11	92.9
2018	January	130.51	121.16	124.55	45.92	55.51	97.9r
	February	131.14	121.44r	124.66r	42.87	51.94	90.3
	March p	..	119.11	122.96	..	..	..

- (1) These estimates are generally representative of prices paid on or about the 15th of the month. Estimates are based on information provided by oil marketing companies until December 1994. From January 1995, data from super/hypermarket chains have been included. The very latest data for motor spirit and diesel are provisional, based on a smaller sample than used for preceding months.
- (2) These estimates are for deliveries of 2,000 to 5,000 litres; such deliveries attracted 8 per cent VAT from 1 April 1994. With effect from 1 September 1997 the rate of VAT was reduced to 5 per cent.
- (3) Price index for supplies received by refineries in the UK from both indigenous and imported sources. It represents the average for the month calculated in sterling on a cif basis.

Table 4.1.2 Average annual retail prices of petroleum products and a crude oil price index
United Kingdom

	Motor spirit ⁽¹⁾			Diesel ⁽¹⁾⁽⁴⁾	Standard grade burning oil ⁽¹⁾⁽⁵⁾	Gas oil ⁽¹⁾⁽⁶⁾	Crude oil acquired by refineries ⁽⁷⁾
	4 star/ LRP ⁽²⁾⁽⁸⁾	Super unleaded	Premium unleaded ⁽³⁾				
	<i>Pence per litre</i>						
	<i>2010 = 100</i>						
1978	16.77	..	..	18.46	8.39	8.42	..
1979	22.66	..	..	23.65	10.89	10.90	..
1980	28.32	..	..	29.67	14.78	14.77	..
1981	34.29	..	..	34.01	18.01	17.51	..
1982	36.62	..	..	35.86	20.75	20.11	..
1983	39.28	..	..	37.30	21.19	20.71	..
1984	40.62	..	..	38.33	19.67	20.44	..
1985	43.14	..	..	41.94	21.12	21.58	..
1986	37.35	..	..	35.60	13.95	13.77	..
1987	37.90	..	..	34.58	12.55	13.16	..
1988	37.38	..	..	34.00	10.65	10.88	..
1989	40.39	..	38.29	36.18	12.04	11.64	..
1990	44.87	..	42.03	40.48	15.56	14.64	..
1991	48.48	47.31	45.07	43.82	14.11	13.65	..
1992	50.28	48.38	46.07	45.01	13.06	12.49	..
1993	54.12	52.91	49.44	49.20	13.64	13.42	..
1994	56.87	55.98	51.58	51.53	13.37	13.27	..
1995	59.70	58.55	53.77	54.24	13.80	13.87	..
1996	61.63	63.67	56.52	57.71	15.93	16.53	25.9
1997	67.22	71.31	61.82	62.47	14.36	15.45	22.7
1998	71.11	77.80	64.80	65.50	11.25	12.47	14.8
1999	77.20	82.92	70.16	72.49	12.73	13.89	21.3
2000	84.89	87.32	79.93	81.34	20.57	21.51	36.5
2001	79.71	82.74	75.72	77.84	18.13	19.12	32.8
2002	77.03	79.79	73.24	75.46	15.66	15.93	31.6
2003	79.94	81.36	76.04	77.92	17.57	18.58	34.3
2004	84.42	85.75	80.22	81.91	21.26	21.96	39.7
2005	..	93.40	86.75	90.86	29.03	30.53	57.1
2006	..	98.05	91.32	95.21	33.66	36.58	67.7
2007	..	100.40	94.24	96.85	35.03	40.03	70.1
2008	..	113.47	107.08	117.51	51.05	58.42	100.4
2009	..	105.71	99.29	103.93	36.15	44.00	75.4
2010	..	123.83	116.90	119.26	45.45	54.14	100.0
2011	..	140.57	133.27	138.72	58.18	68.10	135.7
2012	..	142.87	135.39	141.83	59.29	70.76	136.7
2013	..	141.75	134.15	140.41	57.14	69.78	135.1
2014	..	135.07	127.50	133.46	50.14	62.28	117.4
2015	..	118.97	111.13	114.90	34.07	45.80	66.9
2016	..	117.83	108.85	110.13	30.48	42.60	63.0
2017	..	126.95	117.59	120.15	39.17	50.46	81.5

- (1) Estimates are based on information provided by oil marketing companies until December 1994. From January 1995, data from super/hypermarket chains have been included.
- (2) From October 1999, Four Star prices represent 'Lead Replacement Petrol' (LRP). Pump prices for both petrols are broadly the same.
- (3) From April 2001, Premium unleaded prices represent Ultra Low Sulphur Petrol (ULSP), which now accounts for virtually all Premium unleaded sold. The pump prices for both fuels were broadly the same.
- (4) From July 1999, diesel prices represent average prices for Ultra Low Sulphur Diesel which now accounts for virtually all diesel sold. Prices for the period March - June 1999 represent a mixture of both types of diesel as companies switched to only selling ULSD. Pump prices for both diesels are broadly the same.
- (5) These estimates are for deliveries of up to 1,000 litres; such deliveries attract 8 per cent VAT from 1 April 1994. With effect from 1 September 1997 the rate of VAT has been reduced to 5 per cent.
- (6) These estimates are for deliveries of 2,000 to 5,000 litres; such deliveries attract 8 per cent VAT from 1 April 1994. With effect from 1 September 1997 the rate of VAT has been reduced to 5 per cent.
- (7) Price index for supplies received by refineries in the UK from both indigenous and imported sources. It represents the average for the month calculated in sterling on a cif basis.
- (8) The LRP series has been discontinued from September 2005 due to the low volume of sales.

Table 4.1.3 Typical retail prices of petroleum products⁽¹⁾⁽⁵⁾ 1978 to 2018

United Kingdom

		Pence per litre					
		4 star/ LRP (4)	Super unleaded	Premium unleaded ⁽⁶⁾	Diesel ⁽²⁾	Standard grade burning oil ⁽³⁾	Gas oil ⁽³⁾
1978	January	16.76	..	..	18.57	8.43	8.48
1979	January	17.50	..	..	18.42	8.37	8.36
1980	January	26.39	..	..	27.80	13.07	13.03
1981	January	29.05	..	..	30.70	15.90	15.80
1982	January	35.02	..	..	34.89	20.33	19.68
1983	January	36.70	..	..	37.64	22.71	22.52
1984	January	40.35	..	..	36.78	19.84	20.31
1985	January	41.54	..	..	40.59	21.60	22.62
1986	January	41.63	..	..	41.13	19.48	19.47
1987	January	38.42	..	..	35.00	13.52	14.70
1988	January	36.79	..	..	33.94	11.97	12.29
1989	January	37.14	..	36.02	34.17	11.41	11.15
1990	January	40.92	..	38.37	39.21	15.45	15.46
1991	January	45.13	44.38	42.14	43.31	17.52	17.13
1992	January	46.93	45.57	43.43	43.19	12.47	12.02
1993	January	51.27	49.76	47.13	47.05	14.10	13.52
1994	January	55.50	54.48	50.83	51.72	12.94	12.72
1995	January	59.11	58.00	53.44	54.13	13.32	13.93
1996	January	61.97	61.26	55.93	57.43	15.38	15.86
1997	January	65.46	69.24	61.09	62.02	17.13	18.14
1998	January	69.03	73.96	63.13	63.34	12.92	13.67
1999	January	69.61	79.23	62.87	63.95	9.89	11.36
2000	January	80.84	84.15	75.38	77.75	17.84	18.15
2001	January	82.19	85.06	76.85	81.63	19.86	20.46
2002	January	75.94	78.48	69.90	74.65	14.61	14.71
2003	January	78.15	80.47	74.95	76.38	17.83	18.63
2004	January	80.04	81.49	76.20	77.92	18.33	18.95
2005	January	87.16	87.43	78.99	84.15	22.16	23.99
2006	January	..	94.73	88.84	93.07	31.58	33.60
2007	January	..	94.80	86.91	91.44	30.88	34.03
2008	January	..	110.59	103.71	108.70	43.90	51.01
2009	January	..	93.30	86.33	98.74	36.01	43.83
2010	January	..	118.53	111.49	113.31	42.49	50.64
2011	January	..	134.83	127.53	132.08	55.14	61.90
2012	January	..	140.40	132.89	141.34	61.04	70.74
2013	January	..	139.35	131.71	139.46	57.85	68.99
2014	January	..	137.77	130.16	138.11	55.67	66.68
2015	January	..	116.22	108.45	115.85	36.43	46.33
2016	January	..	110.24	101.74	102.52	22.81	35.19
2017	January	..	127.85	118.69	121.99	40.68	51.99
2018	January	..	130.51	121.16r	124.55r	45.92	55.51

- (1) The estimates are generally representative of prices paid (inclusive of taxes) at the pump on or about the 15th of the month. Estimates are based on information provided by oil companies from 1977 until 1994. From January 1995 data from super/hypermarket chains have been included.
- (2) From July 1999 diesel prices represent average prices for Ultra Low Sulphur Diesel which now accounts for virtually all diesel sold. Pump prices for both diesels are broadly the same.
- (3) Typical prices for deliveries of up to 1,000 litres of standard grade burning oil and between 2,000 and 5,000 litres of gas oil. Prior to 1977, prices were for deliveries of 900 litres of standard grade burning oil and 2,275 litres of gas oil. Since April 1994 prices include VAT at a rate of 8% until September 1997 when the applicable rate was reduced to 5%.
- (4) From October 1999 Four Star prices represent 'Lead Replacement Petrol' (LRP) which had replaced Four Star at 95 per cent of outlets at that time. Leaded petrol has now been phased out. Pump prices for both petrols are broadly the same. The LRP series has been discontinued from September 2005 due to the low volume of sales.
- (5) For rates of duty and VAT see Annex C.
- (6) From April 2001, Premium unleaded prices represent Ultra Low Sulphur Petrol (ULSP), which now accounts for virtually all Premium unleaded sold. The pump prices for both fuels were broadly the same.

**Table 5.1.1 Premium unleaded petrol prices in the EU
(December, January and February 2018)**

Pence per litre¹⁷

European unleaded petrol ⁽²⁾ prices on, or about, the fifteenth of the month									
	Price excl tax and duty			Pump price			Tax component (%)		
	December	January	February	December	January	February	December	January	February
Austria	44.3	45.6	44.7	105.3	107.5	106.1	58	58	58
Belgium	43.7	45.8	45.3	117.5	121.7	120.7	63	62	62
Denmark	53.8	54.0	52.8	135.3	136.5	134.7	60	60	61
Finland	44.5	45.9	44.3	126.6	131.3	129.0	65	65	66
France	45.0	47.9	47.8	123.8	131.4	130.9	64	64	63
Germany	42.7	42.9	42.9	119.5	120.4	120.1	64	64	64
Greece	46.4	47.6	47.8	135.3	137.5	137.3	66	65	65
Ireland	46.7	47.2	46.2	123.4	124.6	123.1	62	62	62
Italy	47.8	49.5	49.5	136.7	139.5	139.1	65	65	64
Luxembourg	48.2	50.0	47.8	104.1	106.6	103.8	54	53	54
Netherlands	45.2	47.7	45.4	138.0	142.5	139.3	67	67	67
Portugal	48.8	52.4	50.0	130.7	136.6	133.3	63	62	63
Spain	49.4	51.2	50.5	109.0	111.7	110.6	55	54	54
Sweden	46.8	49.1	46.8	127.1	133.9	129.9	63	63	64
UK	42.0	43.0	43.3	120.0	121.2	121.4	65	64	64
UK Rank in EU 15	1	2	2	6	5	6	12	11	11
Bulgaria	44.7	45.1	46.0	92.0	92.9	93.8	51	51	51
Croatia	44.5	47.0	47.0	112.1	116.5	116.1	60	60	60
Cyprus	47.2	48.6	48.8	107.6	109.8	109.7	56	56	56
Czech Republic	42.2	43.3	43.9	104.4	106.6	107.4	60	59	59
Estonia	53.6	47.3	46.5	109.1	116.9	115.7	51	60	60
Hungary	44.8	47.1	46.8	100.4	104.8	103.7	55	55	55
Latvia	47.4	44.2	44.4	104.7	109.1	109.0	55	60	59
Lithuania	45.2	47.1	47.3	101.0	103.8	103.8	55	55	54
Malta	49.5	49.9	49.7	115.6	116.7	116.1	57	57	57
Poland	44.5	46.5	44.7	97.8	101.2	98.7	54	54	55
Romania	45.1	48.1	46.6	98.6	102.5	100.3	54	53	54
Slovakia	44.6	46.1	46.4	114.9	117.4	117.3	61	61	60
Slovenia	42.4	43.7	44.7	113.7	115.9	116.9	63	62	62
UK Rank in EU 28	1	2	2	19	18	19	25	24	24

Source: European Commission Oil Bulletin

(1) Prices converted to pounds sterling using mid month exchange rates.

(2) Premium unleaded petrol, 95RON

**Table 5.2.1 Diesel prices in the EU
(December, January and February 2018)**

Pence per litre⁽¹⁾

European diesel prices on, or about, the fifteenth of the month									
	Price excl tax and duty			Pump price			Tax component (%)		
	December	January	February	December	January	February	December	January	February
Austria	48.1	49.5	47.8	101.1	103.2	100.9	52	52	53
Belgium	46.5	47.8	47.6	112.8	115.8	116.1	59	59	59
Denmark	54.2	55.4	52.3	114.1	116.3	112.2	53	52	53
Finland	50.5	57.0	54.4	117.1	121.5	118.0	57	53	54
France	45.8	49.5	48.5	112.8	124.5	123.0	59	60	61
Germany	46.0	47.2	46.1	104.1	106.0	104.5	56	55	56
Greece	55.6	57.2	57.4	114.9	117.5	117.4	52	51	51
Ireland	49.1	49.6	48.6	114.6	115.7	114.2	57	57	57
Italy	48.2	50.2	50.1	125.3	128.3	127.9	62	61	61
Luxembourg	49.1	50.7	47.3	92.0	94.2	90.1	47	46	47
Netherlands	49.1	51.4	47.7	112.2	115.8	111.1	56	56	57
Portugal	50.7	55.2	51.7	113.0	119.5	114.9	55	54	55
Spain	50.5	52.9	51.9	100.4	103.6	102.2	50	49	49
Sweden	61.9	65.3	61.2	127.1	133.4	127.5	51	51	52
UK	45.0	45.8	45.9	123.5	124.6	124.7	64	63	63
UK Rank in EU 15	1	1	1	13	13	13	15	15	15
Bulgaria	46.9	48.3	49.1	91.2	93.2	94.0	49	48	48
Croatia	49.4	52.4	51.6	106.4	111.4	109.9	54	53	53
Cyprus	51.1	52.2	52.4	109.2	110.9	111.0	53	53	53
Czech Republic	46.6	48.1	48.2	101.9	104.4	104.6	54	54	54
Estonia	56.3	52.8	50.6	109.1	116.0	113.1	48	54	55
Hungary	50.3	52.3	50.6	103.9	107.8	105.0	52	51	52
Latvia	48.9	45.8	41.8	96.4	100.9	95.8	49	55	56
Lithuania	46.9	49.8	49.3	91.9	97.6	96.9	49	49	49
Malta	46.5	47.0	46.8	104.1	105.1	104.6	55	55	55
Poland	47.0	49.2	47.2	95.4	99.0	96.3	51	50	51
Romania	49.5	52.4	50.6	100.6	104.4	101.9	51	50	50
Slovakia	48.6	52.2	51.0	102.3	107.0	105.4	53	51	52
Slovenia	45.1	46.0	46.2	109.1	110.6	110.6	59	58	58
UK Rank in EU 28	1	2	2	26	26	26	28	28	28

Source: European Commission Oil Bulletin

(1) Prices converted to pounds sterling using mid month exchange rates.

Table 5.3.1 Industrial electricity prices in the IEA

 Pence per kWh⁽¹⁾

	Electricity									
	Excluding taxes					Including taxes ⁽²⁾				
	2005	2010	2014	2015	2016	2005	2010	2014	2015	2016
EU 15										
Austria	4.24	7.25	6.22	5.09	5.36	5.60	8.86	8.20	7.11	7.83
Belgium	..	7.17	7.84r	6.89r	7.71r	..	8.06	9.18r	8.18r	9.69r
Denmark	4.39	6.75	4.97	4.09	4.76	5.10	7.41	7.35	6.27	7.28
Finland	3.56	5.92	5.07	4.38	4.83	3.87	6.14	5.63	4.89	5.40
France	2.43	6.18	6.34	5.76	6.08	2.74	6.92	8.01	7.43	7.95
Germany ⁽³⁾	4.62	6.82	5.64	5.05	5.52	4.62	8.79	10.63	9.49	10.44
Greece ⁽³⁾	3.69	6.37	7.03	6.00	5.91	3.69	7.37	8.66	6.89	7.34
Ireland	5.47	8.88	10.10	8.66	8.77	5.47	8.88	10.10	8.66	8.77
Italy	7.52	12.89	9.12	7.35	7.93	9.57	16.71	14.30	12.32	13.69
Luxembourg	..	6.87	5.46	4.08	4.39	..	7.44	6.00	4.70	5.10
Netherlands ⁽³⁾	..	6.58	5.79	4.83	5.03	..	7.52	7.16	5.86	6.31
Portugal	5.39	7.79	8.38	7.22	7.76	5.39	7.79	9.46	8.33	9.25r
Spain	4.36	8.12	8.99	7.94	8.16	4.59	8.54	9.41	8.23	8.57
Sweden	..	6.19	4.92	3.81	4.42	..	6.23	4.96	3.85	4.46
UK	4.56	7.57	9.13	9.25	8.93	4.77	7.84	9.38	9.50	9.28
Rest of IEA										
Australia	..	..				..	..
Canada	2.71	4.33	4.35	3.88	5.17	3.04	4.73	4.88	4.19	5.84
Czech Republic	4.43	9.22	7.37	6.31	6.50	4.43	9.32	7.46	6.39	6.58
Hungary	5.21	8.40	6.86	5.88	5.95	5.26	8.59	7.48	6.52	6.58
Japan	6.23	9.24	10.43	9.61	10.94r	6.43	9.52	10.65	9.81	11.19r
Korea	..	..	6.16	6.21	6.84	3.24	3.66	6.39	6.44	7.09
New Zealand	3.38	4.64	6.06	5.25r	5.97	3.38	4.64	6.06	5.25r	-
Norway	1.91	3.82	2.65	1.85	2.51	1.91	3.82	2.65	1.85	2.51
Poland	3.51	7.36	5.68	5.52	5.76	3.85	7.79	6.07	5.87	6.13
Slovakia	6.08	10.95	9.52	8.45r	9.16	6.08	10.95	9.63	8.54r	9.27
Switzerland	4.43	6.99	7.42	7.26	8.92	4.43	7.27	7.81	8.01	9.89
Turkey	4.77	7.96	6.47	5.97	6.38	4.96	8.28	6.73	6.21	6.63
USA ⁽⁴⁾	3.00	4.19	4.11	4.30	4.76	3.15	4.40	4.31	4.52	5.00
IEA median	4.41	7.08	6.34	5.88	5.97	4.59	7.79	7.48	6.52	7.28
UK relative to:										
IEA median%	+3.3	+7.0	+44.1	+57.2	+49.6	+4.0	+0.7	+25.3	+45.6	+27.5
IEA rank	14	17	24	26	25	14	16	20	25	22
G7 rank	4	5	6	6	6	5	4	4	5	4

Source: Derived from the International Energy Agency publication, Energy Prices and Taxes

(1) Prices converted to pounds sterling using annual average exchange rates.

(2) Prices include all taxes where not refundable on purchase.

(3) Some prices taken from Eurostat.

(4) Prices excluding taxes have been estimated using a weighted average of general sales taxes and fuel taxes levied by individual states.

Note: For EU comparisons, BEIS recommends use of the Eurostat data in Table 5.4.1

.. Data unavailable.

- BEIS estimates that the price is likely to be below the IEA median.

+/- BEIS estimates that the price is likely to be around the IEA median.

+ BEIS estimates that the price is likely to exceed the IEA median.

**Table 5.4.2 Industrial electricity prices in the EU for medium consumers⁽¹⁾
(Excluding environmental taxes and levies, and VAT)⁽⁶⁾**

Pence per kWh⁽²⁾

	Jan 14 - June 14	July 14 - Dec 14	Jan 15 - June 15	July 15 - Dec 15	Jan 16 - June 16	July 16 - Dec 16	Jan 17 - June 17
Austria	6.04	5.57	4.74	4.68	4.66	4.64	4.76
Belgium	6.62	6.28	5.70	5.76	5.84	6.76	6.21
Denmark	5.35	5.20	4.44	4.27	4.67	5.43	5.04
Finland	5.14	4.99	4.33	4.40	4.52	5.13	4.88
France	5.44	4.93	5.00	4.65	4.88	5.09	5.24
Germany	5.91	5.65	5.02	5.07	5.22	5.82	5.41
Greece	7.32	6.77	6.00	6.00	5.87	5.91	6.22
Ireland	9.16	8.53	7.92	7.41	7.25	7.96	7.88
Italy ⁽⁷⁾	7.78	7.72	6.37	6.08	6.03	6.94	6.54
Luxembourg	5.23	5.18	4.07	4.02	3.99	4.44	5.06
Netherlands	5.87	5.68	4.92	4.75	4.77	5.28	5.16
Portugal	7.31	7.05	6.60	6.53	6.66	7.40	6.60
Spain	8.11	7.75	6.74	6.54	6.68	7.06	7.21
Sweden	5.17	4.69	3.95	3.66	4.09	4.74	4.72
UK	9.38	9.33	8.02	7.99	7.37	7.57	8.17
EU 15 Median ⁽⁴⁾	6.04	5.68	5.02	5.07	5.22	5.82	5.41
UK relative to:							
EU 15 Median(%)	+55.4	+64.2	+59.6	+57.4	+41.1	+30.1	+51.1
EU 15 Rank	15	15	15	15	15	14	15
Bulgaria	5.49	5.30	4.46	4.97	5.87	5.94	5.77
Croatia	6.31	5.83	5.45	5.45	5.70	6.19	6.13
Cyprus	12.81	13.21	8.62	8.28	6.37	9.65	9.95
Czech Republic	6.36	6.02	5.18	5.10	4.89	5.31	5.25
Estonia	5.90	5.77	5.01	5.43	5.19	5.72	5.39
Hungary	6.66	6.32	5.59	5.52	5.35	5.78	5.41
Latvia	6.63	6.33	5.95	5.79	6.27	6.91	6.59
Lithuania	7.88	7.61	5.40	5.29	5.25	5.51	5.24
Malta	12.89	12.50	10.34	8.92	9.51	10.60	10.69
Poland	5.39	5.26	5.26	5.07	5.22	5.71	5.79
Romania	5.47	5.02	4.58	4.30	4.33	5.11	5.04
Slovakia	8.15	7.98	7.06	6.77	7.19	8.18	5.68
Slovenia	5.52	5.25	4.61	4.54	4.62	5.10	4.75
EU 28 Median ⁽⁴⁾	6.33	5.93	5.33	5.36	5.30	5.80	5.54
UK relative to:							
EU 28 Median(%)	+48.1	+57.4	+50.3	+49.1	+39.1	+30.6	+47.4
EU 28 Rank	26	26	26	26	27	24	26

Source: Eurostat Statistics

(1) Medium consumers: consuming 2,000 - 19,999 MWh per annum for periods

January - June and July - December each year

(2) Prices converted to sterling using exchange rates in the appropriate period.

(3) See paragraph A47 in the Technical notes for an explanation of the estimating methodology.

(4) Median price is based upon the available data, including those cases where BEIS have estimated the position of prices relative to the EU median.

(5) Prices include all taxes where not refundable on purchase.

(6) Figures in this table now also exclude any charges relating to environmental or social policies as well as VAT

**Table 5.4.2 Industrial electricity prices in the EU for medium consumers⁽¹⁾
(Including environmental taxes and levies, excluding VAT)⁽⁵⁾**

Pence per kWh⁽²⁾

	Jan 14 - June 14	July 14 - Dec 14	Jan 15 - June 15	July 15 - Dec 15	Jan 16 - June 16	July 16 - Dec 16	Jan 17 - June 17
Austria	7.88	7.42	6.57	6.54	6.67	6.83	7.01
Belgium	7.87	7.70	7.00	6.99	7.37	8.41	7.91
Denmark	7.69	7.62	6.57	6.51	7.33	7.81	6.86
Finland	5.72	5.55	4.85	4.90	5.06	5.73	5.49
France	6.94	6.39	6.55	6.10	6.50	6.39	6.83
Germany	11.30	10.49	9.63	9.36	10.00	10.85	10.92
Greece	8.93	8.42	7.34	6.46	7.23	7.41	7.76
Ireland	9.51	8.99	8.52	8.02	7.93	8.76	8.88
Italy	12.51	12.59	10.90	10.69	10.95	12.33	11.57
Luxembourg	5.38	5.33	4.68	4.20	4.20	4.68	5.60
Netherlands	6.93	6.51	5.98	5.74	6.03	6.58	6.66
Portugal	8.29	7.99	7.55	7.48	7.94	8.83	8.87
Spain	8.53	8.14	7.09	6.87	7.02	7.42	7.58
Sweden	5.21	4.73	3.99	3.71	4.13	4.79	4.76
UK	9.63	9.61	10.04	10.04	9.87	10.13	10.39
EU 15 Median ⁽⁴⁾	7.88	7.70	7.00	6.54	7.23	7.42	7.58
UK relative to:							
EU 15 Median(%)	+22.2	+24.8	+43.4	+53.5	+36.5	+36.6	+37.0
EU 15 Rank	13	13	14	14	13	13	13
Bulgaria	5.58	5.39	4.54	5.04	5.95	6.02	5.86
Croatia	6.69	6.19	5.79	5.79	6.06	6.60	6.55
Cyprus	13.44	13.79	9.19	8.95	7.10	10.37	11.15
Czech Republic	6.45	6.10	5.26	5.18	4.97	5.41	5.34
Estonia	6.90	6.73	6.00	6.39	6.29	6.93	6.66
Hungary	7.30	6.92	6.24	6.15	5.94	6.44	6.05
Latvia ⁽⁶⁾	8.83	8.45	7.91	7.71	8.36	9.21	8.89
Lithuania	9.56	9.26	6.63	6.50	6.51	6.80	6.45
Malta ⁽⁶⁾	12.89	12.50	10.34	8.92	9.51	10.60	10.69
Poland	5.78	5.64	5.62	5.41	5.58	6.10	6.63
Romania ⁽⁶⁾	6.46	5.78	5.48	5.17	5.32	6.20	6.14
Slovakia	8.52	8.33	7.39	7.10	7.54	8.57	8.93
Slovenia	6.27	5.97	5.29	5.42	5.54	6.16	5.78
EU 28 Median ⁽⁴⁾	7.78	7.52	6.57	6.48	6.59	6.88	6.84
UK relative to:							
EU 28 Median(%)	+23.9	+27.8	+52.8	+55.0	+49.8	+47.3	+51.8
EU 28 Rank	24	24	26	27	26	24	24

Source: Eurostat
Statistics in Focus

Missing data estimation

- + BEIS estimates that the price is likely to exceed the relevant median.
- +/- BEIS estimates that the price is likely to be around the relevant median
- BEIS estimates that the price is likely to be below the relevant median

Table 5.5.1 Domestic electricity prices in the IEA

Pence per kWh⁽¹⁾

	Electricity									
	Excluding taxes					Including taxes ⁽²⁾				
	2005	2010	2014	2015	2016	2005	2010	2014	2015	2016
EU 15										
Austria	6.55	12.09	10.66	9.17	10.13	9.59	16.68	16.20	14.49	16.52
Belgium	..	10.92	13.00r	12.75r	13.86r	..	15.00	15.89r	15.66r	21.66r
Denmark	6.85	10.15	8.40	7.17	8.80	16.20	23.07	22.99	20.59	24.45
Finland	4.94	8.51	8.32	7.28	8.28	6.65	11.36	12.22	11.05	12.56
France	5.85	7.80	8.18	7.52	8.61	7.79	10.70	12.35	11.57	13.51
Germany ⁽³⁾	10.08	11.80	11.57	10.37	11.35	11.69	20.64	23.97	21.40	24.37
Greece ⁽³⁾	5.67	8.29	9.74	8.85	9.62	6.17	10.26	14.30	12.84	14.09
Ireland	9.37	13.27	16.32	14.55	15.86	10.60	15.06	18.52	16.51	18.00
Italy	8.20	12.60	12.90	11.52	13.02	10.87	17.04	19.66	17.94	20.46
Luxembourg	8.96	11.45	10.90	9.21	10.42	10.27	13.95	13.34	12.34	13.42
Netherlands	7.52	11.59	11.58	9.97	10.84	12.99	14.32	15.32	13.54	13.02
Portugal	9.41	13.21	10.34	8.36	10.04r	9.88	13.93	17.74	16.56	19.05r
Spain	6.93	12.88	15.68	10.96	15.67	8.45	15.97	19.81	13.91	19.89
Sweden	..	8.90	7.96	6.77	7.93	..	14.11	13.02	11.16	12.91
UK	7.88	11.29	14.66	14.33	14.03	8.27	11.85	15.39	15.05	14.73
Rest of IEA										
Australia	..	..	15.64	12.62	13.61	..	..	17.20	13.88	14.97
Canada	3.75	5.56	5.38	5.75	7.09	4.16	6.04	5.99	6.06	7.88
Czech Republic	4.88	9.91	8.98	8.14	9.41	5.81	12.01	10.96	9.94	11.49
Hungary	6.49	11.24	7.56	6.60	7.33	8.04	14.15	9.60	8.38	9.31
Japan	9.69	14.04	14.14	13.43	15.07r	10.39	15.03	15.37	14.72	16.55r
Korea	..	5.79r	7.21	7.15	7.76	4.89	5.39	8.20	8.13	8.82
New Zealand	6.65	10.08	12.41	11.20r	12.83r	7.48	11.40	14.27	12.88r	14.76r
Norway	4.53	7.93	4.98	3.82	4.78	6.71	11.38	7.72	6.18	7.74
Poland	5.11	9.08	9.10	8.36	8.98	6.65	11.60	11.66	10.71	11.50
Slovakia	8.33	11.59	10.82	9.34	10.49	9.92	13.79	12.98	11.20	12.59
Switzerland	7.11	10.55	11.36	11.73	12.97	7.64	11.65	12.70	13.47	15.06
Turkey	5.09	9.36	8.08	7.46	7.70	6.49	11.92	10.29	9.50	9.82
USA ⁽⁴⁾	4.95	7.14	7.24	7.88	8.86	5.20	7.50	7.60	8.27	9.30
IEA median	6.75	10.55	10.50	9.01	10.09	8.04	13.79	13.81	12.86	13.80
UK relative to:										
IEA median%	+16.7	+7.0	+39.6	+59.1	+39.1	+2.9	-14.0	+11.5	+17.0	+6.7
IEA rank	17	17	25	27	25	14	11	19	22	16
G7 rank	4	4	7	7	6	4	4	5	5	4

Source: Derived from the International Energy Agency publication, Energy Prices and Taxes

(1) Prices converted to pounds sterling using annual average exchange rates.

(2) Prices include all taxes where not refundable on purchase.

(3) Some prices taken from Eurostat.

(4) Prices excluding taxes have been estimated using a weighted average of general sales taxes and fuel taxes levied by individual states.

Note: For EU comparisons, BEIS recommends use of the Eurostat data in Table 5.6.1

.. Data unavailable.

- BEIS estimates that the price is likely to be below the IEA median.

+/- BEIS estimates that the price is likely to be around the IEA median.

+ BEIS estimates that the price is likely to exceed the IEA median.

**Table 5.6.2 Domestic electricity prices in the EU for medium consumers⁽¹⁾
(Excluding environmental taxes and levies, and VAT)⁽⁵⁾**

Pence per kWh⁽²⁾

	Jan 14 - June 14	July 14 - Dec 14	Jan 15 - June 15	July 15 - Dec 15	Jan 16 - June 16	July 16 - Dec 16	Jan 17 - June 17
Austria	10.85	10.24	9.23	8.92	9.67	10.50	10.51
Belgium	13.74	13.28	13.30	13.26	12.20	15.60	16.05
Denmark	8.52	7.99	7.26	6.76	7.33	8.53	8.63
Finland	8.79	8.31	7.51	7.26	7.92	8.77	9.03
France	8.74	9.21	8.13	8.01	8.46	9.51	9.37
Germany	11.78	11.40	10.48	10.27	10.81	11.88	11.96
Greece	9.89	9.62	8.87	8.83	9.05	10.18	9.80
Ireland	16.49	16.50	14.42	14.33	14.75	16.14	15.89
Italy ⁽⁶⁾	12.64	11.62	11.03	10.64	11.23	12.17	11.47
Luxembourg	11.75	11.32	9.74	9.58	10.33	11.41	10.05
Netherlands	10.88	10.49	9.41	8.91	9.39	10.22	9.86
Portugal	10.41	10.30	8.42	8.30	9.65	10.41	9.52
Spain	13.98	14.73	13.29	13.41	13.37	15.44	15.54
Sweden	10.38	9.45	8.66	8.65	9.48	11.01	10.82
UK	15.00	15.17	12.88	13.01	12.27	12.71	11.57
EU 15 Median ⁽⁴⁾	10.88	10.49	9.41	8.92	9.67	11.01	10.51
UK relative to:							
EU 15 Median(%)	+37.8	+44.6	+36.9	+45.9	+26.9	+15.5	+10.1
EU 15 Rank	14	14	12	12	13	12	11
Bulgaria	5.66	5.90	5.75	5.74	6.20	6.71	6.85
Croatia	8.25	8.02	7.38	7.22	7.80	8.75	8.70
Cyprus	15.28	15.16	11.52	10.53	9.30	11.04	12.52
Czech Republic	9.34	8.93	8.30	8.30	9.04	9.99	10.12
Estonia	7.94	7.77	6.96	6.84	7.28	8.25	7.97
Hungary	7.77	7.14	6.49	6.49	6.83	7.61	7.63
Latvia	7.06	6.76	7.93	7.89	8.38	9.23	8.98
Lithuania	7.33	6.99	6.40	6.21	6.69	7.03	6.74
Malta	11.53	9.41	8.76	8.70	9.32	10.43	10.48
Poland	9.09	8.68	8.24	7.95	8.07	9.05	9.48
Romania	7.47	7.17	6.79	6.75	7.12	7.68	7.50
Slovakia	10.05	9.79	8.95	8.87	8.98	10.73	7.16
Slovenia	9.46	9.11	8.22	8.10	8.66	9.60	9.50
EU 28 Median ⁽⁴⁾	9.97	9.43	8.54	8.47	9.04	10.20	9.66
UK relative to:							
EU 28 Median(%)	+50.4	+60.9	+50.8	+53.5	+35.7	+24.6	+19.7
EU 28 Rank	26	27	25	25	26	25	23

Source: Eurostat

(1) Medium consumers: consuming 2,500 - 4,999 kWh per annum for periods
January - June and July - December each year

(2) Prices converted to sterling using exchange rates in the appropriate period.

(3) See paragraph A47 in the Technical notes for an explanation of the estimating methodology.

(4) Median price is based upon the available data, including those cases where BEIS have estimated
the position of prices relative to the EU median.

(5) Figures in this table now exclude any charges relating to environmental or social policies
as well as VAT

**Table 5.6.2 Domestic electricity prices in the EU for medium consumers⁽¹⁾
(Including environmental taxes and levies, and VAT)⁽⁵⁾**

Pence per kWh⁽²⁾

	Jan 14 - June 14	July 14 - Dec 14	Jan 15 - June 15	July 15 - Dec 15	Jan 16 - June 16	July 16 - Dec 16	Jan 17 - June 17
Austria	16.60	15.72	14.71	14.27	15.83	17.28	16.79
Belgium	17.22	16.17	15.56	16.93	19.81	23.59	24.09
Denmark	24.98	24.02	22.46	21.89	24.04	26.51	26.25
Finland	12.84	12.17	11.36	11.01	12.00	13.28	13.61
France	13.02	13.47	12.27	12.10	13.12	14.71	14.55
Germany	24.48	23.54	21.60	21.20	23.11	25.59	26.24
Greece	14.51	14.13	12.94	12.74	13.36	14.81	16.67
Ireland	19.77	20.07	17.76	17.66	18.06	20.09	19.84
Italy	20.09	18.50	17.94	17.47	18.79	20.11	18.44
Luxembourg	14.27	13.75	12.94	12.72	13.22	14.59	13.90
Netherlands	15.12	14.25	14.54	13.28	12.61	13.68	13.45
Portugal	17.86	17.66	16.68	16.44	18.30	19.75	19.66
Spain	17.78	18.73	16.90	17.06	17.01	19.63	19.76
Sweden	16.15	14.78	13.55	13.49	14.75	16.86	16.67
UK	15.75	15.93	15.56	15.71	15.19	15.74	15.20
EU 15 Median ⁽⁴⁾	16.60	15.93	15.56	15.71	15.83	17.28	16.79
UK relative to:							
EU 15 Median(%)	-5.1	0.0	0.0	0.0	-4.1	-8.9	-9.4
EU 15 Rank	6	8	8	8	7	6	5
Bulgaria	6.83	7.08	6.90	6.89	7.44	8.06	8.22
Croatia	10.77	10.48	9.64	9.44	10.21	11.44	10.30
Cyprus	18.81	18.65	14.33	13.23	11.89	13.93	16.04
Czech Republic	11.40	10.91	10.14	10.13	11.05	12.21	12.38
Estonia	10.73	10.49	9.53	9.29	9.40	10.64	10.39
Hungary	9.87	9.07	8.25	8.24	8.67	9.67	9.68
Latvia	11.21	10.30	11.97	11.87	12.67	13.96	13.65
Lithuania	10.92	10.44	9.19	8.95	9.58	10.06	9.61
Malta	12.10	9.88	9.20	9.13	9.79	10.95	11.00
Poland	11.67	11.14	10.57	10.20	10.37	11.62	12.54
Romania	10.59	9.88	9.54	9.49	9.81	10.60	10.31
Slovakia	12.38	12.05	11.02	10.92	11.08	13.21	12.35
Slovenia	13.39	12.92	11.63	11.74	12.60	14.00	13.85
EU 28 Median ⁽⁴⁾	13.83	13.61	12.60	12.41	12.64	13.98	13.88
UK relative to:							
EU 28 Median(%)	+13.9	+17.0	+23.4	+26.6	+20.1	+12.6	+9.6
EU 28 Rank	18	20	21	21	20	19	17

Source: Eurostat

Missing data estimation

+ BEIS estimates that the price is likely to exceed the relevant median.

+/- BEIS estimates that the price is likely to be around the relevant median

- BEIS estimates that the price is likely to be below the relevant median

Table 5.7.1 Industrial gas prices in the IEA

 Pence per kWh⁽¹⁾

	Gas									
	Excluding taxes					Including taxes ⁽²⁾				
	2005	2010	2014	2015	2016	2005	2010	2014	2015	2016
EU 15										
Austria	..	2.78	2.19	2.09	2.18	..	3.01	2.79	2.74	2.85
Belgium	..	1.92	2.29r	2.03r	1.90r	..	1.98	2.39r	2.13r	2.01r
Denmark ⁽³⁾	..	2.32	2.16	1.88	1.63	..	3.21	2.84	2.42	2.23
Finland	0.78	1.79	2.41	1.69	1.64	0.90	1.95	3.24	2.70	2.93
France	1.50	2.57	3.06	2.56	2.40	1.56	2.70	3.18	2.76	2.70
Germany	1.61	2.67	2.38	1.94	1.84	1.89	3.01	2.71	2.23	2.17
Greece	1.48	2.88	3.00	2.02	1.63	1.48	2.88	3.43	2.42	2.08
Ireland	1.77	2.22	2.65	2.08	2.23	1.77	2.40	2.95	2.35	2.53
Italy ⁽³⁾	1.44	2.34	2.80	2.45	2.42	1.67	2.69	3.09	2.73	2.71
Luxembourg	..	2.46	2.68	2.73	2.25	..	2.50	2.72	2.77	2.29
Netherlands	..	2.05	2.17	1.79	1.70	..	2.23	2.49	2.07	2.02
Portugal	1.61	2.61	3.44	2.85	2.47	1.61	2.61	3.51	2.89	2.53
Spain	1.20	2.17	2.65	2.14	1.91	1.20	2.17	2.70	2.17	1.96
Sweden	..	3.09	2.63	2.27	2.14	..	3.63	3.33	2.91	2.85
UK	1.36	1.78	2.37	2.11	1.78	1.41	1.83	2.43	2.18	1.85
Rest of IEA										
Australia	..	..	..	..	..	..	..	..	..	..
Canada	1.29	0.85	0.92	0.63	0.97	1.29	0.85	0.92	0.63	0.97
Czech Republic	1.38	2.85	2.51	2.12	2.14	1.38	2.95	2.60	2.20	2.23
Hungary	1.58	2.29	3.03	2.17	2.02	1.63	2.38	3.11	2.24	2.10
Japan	1.81	3.36	4.06	2.89	2.61	1.81	3.36	4.06	2.89	2.61
Korea ⁽⁴⁾	1.65	2.98	4.39	3.25	3.03	1.86	3.40	4.39	3.25	3.03
New Zealand	0.99	1.27	1.26	1.08	1.05	1.05	1.35	1.35	1.16	1.14
Norway	..	..	..	..	..	..	..	..	..	..
Poland	1.06	2.53	2.64	2.06	1.73	1.06	2.53	2.66	2.08	1.75
Slovakia	1.74	2.86	2.57	2.28	2.40	1.74	2.98	2.68	2.37	2.51r
Switzerland	1.89	3.26	3.73	3.55	3.42	1.90	3.69	4.46	4.30	4.58
Turkey	1.14	1.83	1.93	1.76	1.75	1.22	1.92	1.99	1.81	1.80
USA ⁽⁵⁾	1.46	1.10	1.06	0.80	0.82	1.54	1.15	1.11	0.84	0.86
IEA median	1.47	2.40	2.60	2.10	1.97	1.55	2.57	2.75	2.36	2.23
UK relative to:										
IEA median%	-7.4	-25.8	-9.0	+0.6	-9.3	-8.8	-28.8	-11.6	-7.8	-17.2
IEA rank	7	4	9	14	10	8	4	6	9	6
G7 rank	2	3	3	4	3	2	3	3	3	3

Source: Derived from the International Energy Agency publication, Energy Prices and Taxes

(1) Prices converted to pounds sterling using annual average exchange rates.

(2) Prices include all taxes where not refundable on purchase.

(3) Some prices are taken from Eurostat.

(4) Prices excluding taxes have been estimated for some years using average tax rates for years where both including and excluding tax data is available.

(5) Prices excluding taxes have been estimated using a weighted average of general sales taxes and fuel taxes levied by individual states.

Note: For EU comparisons, BEIS recommends use of the Eurostat data in Table 5.8.1

.. Data unavailable.

- BEIS estimates that the price is likely to be below the IEA median.

+/- BEIS estimates that the price is likely to be around the IEA median.

+ BEIS estimates that the price is likely to exceed the IEA median.

**Table 5.8.2 Industrial gas prices in the EU for medium consumers⁽¹⁾
(Excluding environmental taxes and levies, and VAT)⁽⁶⁾**

Pence per kWh⁽²⁾

	Jan 14 - June 14	July 14 - Dec 14	Jan 15 - June 15	July 15 - Dec 15	Jan 16 - June 16	July 16 - Dec 16	Jan 17 - June 17
Austria	2.79	2.64	2.24	2.12	2.09	2.35	2.30
Belgium	2.49	2.18	2.02	1.90	1.86	2.00	1.90
Denmark	2.24	2.09	2.02	1.81	1.52	1.80	2.06
Finland	2.97	2.88	2.25	2.04	2.00	2.43	2.54
France	3.06	2.85	2.52	2.40	2.22	2.86	2.38
Germany	3.36	2.86	2.60	2.42	2.33	2.50	2.38
Greece	3.58	3.24	2.62	2.18	1.86	1.96	2.09
Ireland	3.09	3.01	2.66	2.41	2.25	2.62	2.57
Italy	2.83	2.56	2.40	2.16	2.24	2.20	2.13
Luxembourg	3.46	3.07	2.82	2.58	2.66	2.73	2.74
Netherlands	2.40	2.30	2.00	1.83	1.76	1.93	1.83
Portugal	3.44	3.46	3.01	2.69	2.59	2.33	2.33
Spain	3.02	2.92	2.52	2.24	2.15	2.19	2.53
Sweden	3.37	2.82	2.64	2.38	2.22	2.57	2.81
UK	2.91	2.62	2.48	2.40	2.14	2.02	2.03
EU 15 Median ⁽⁴⁾	3.02	2.85	2.52	2.24	2.15	2.33	2.33
UK relative to:							
EU 15 Median(%)	-3.7	-7.9	-1.4	+7.2	-0.2	-13.2	-12.9
EU 15 Rank	6	5	7	11	7	5	3
Bulgaria	2.81	2.62	2.27	1.87	1.71	1.56	1.79
Croatia	3.37	3.14	2.82	2.49	2.52	2.33	2.08
Cyprus	..	..	..	..	..	..	..
Czech Republic	2.50	2.32	2.09	2.03	1.95	2.12	1.95
Estonia	2.78	2.80	2.50	1.81	1.68	1.77	2.05
Hungary	3.16	2.96	2.56	2.31	2.33	2.19	2.05
Latvia	2.73	2.70	2.41	1.99	1.95	1.98	2.20
Lithuania	3.40	2.96	2.05	1.57	2.09	2.11	2.08
Malta	..	..	..	..	..	..	..
Poland	3.04	2.84	2.70	2.39	2.06	2.20	2.30
Romania	1.75	1.67	1.51	1.46	1.50	1.54	1.48
Slovakia	2.93	2.87	2.45	2.40	2.27	2.57	2.31
Slovenia	3.15	3.05	2.35	2.35	2.29	2.38	2.23
EU 28 Median ⁽⁴⁾	3.00	2.84	2.47	2.21	2.11	2.19	2.16
UK relative to:							
EU 28 Median(%)	-2.9	-7.7	+0.7	+8.7	+1.3	-7.9	-6.2
EU 28 Rank	11	8	14	21	14	9	6

Source: Eurostat

(1) Medium consumers: consuming 2,778 - 17,777 MWh per annum for periods January - June and July - December each year

(2) Prices converted to sterling using exchange rates in the appropriate period.

(3) See paragraph A47 in the Technical notes for an explanation of the estimating methodology.

(4) Median price is based upon the available data, including those cases where BEIS have estimated the position of prices relative to the EU median.

(5) Prices include all taxes where not refundable on purchase.

(6) Figures in this table now also exclude any charges relating to environmental or social policies as well as VAT

**Table 5.8.2 Industrial gas prices in the EU for medium consumers⁽¹⁾
(Including environmental taxes and levies, excluding VAT)⁽⁵⁾**

Pence per kWh⁽²⁾

	Jan 14 - June 14	July 14 - Dec 14	Jan 15 - June 15	July 15 - Dec 15	Jan 16 - June 16	July 16 - Dec 16	Jan 17 - June 17
Austria	3.50	3.17	2.90	2.72	2.79	2.93	2.89
Belgium	2.58	2.32	2.15	2.06	2.00	2.21	2.10
Denmark	3.08	2.93	2.70	2.47	2.23	2.59	2.80
Finland	3.82	3.70	3.27	3.04	3.23	3.78	3.99
France	3.17	3.00	2.76	2.64	2.59	3.25	2.81
Germany	3.69	3.18	2.89	2.71	2.64	2.85	2.73
Greece	4.04	3.69	3.04	2.59	2.30	2.43	2.43
Ireland	3.39	3.30	2.92	2.66	2.55	2.92	2.86
Italy	3.11	2.73	2.59	2.30	2.43	2.35	2.33
Luxembourg	3.50	3.12	2.89	2.68	2.74	2.84	2.78
Netherlands	3.37	2.66	2.85	2.31	2.99	2.45	3.15
Portugal	3.51	3.51	3.05	2.73	2.65	2.38	2.40
Spain ⁽⁶⁾	3.07	2.96	2.56	2.28	2.19	2.23	2.57
Sweden	4.10	3.49	3.29	3.01	2.91	3.30	3.56
UK	3.04	2.75	2.61	2.53	2.26	2.14	2.14
EU 15 Median ⁽⁴⁾	3.39	3.12	2.89	2.64	2.59	2.59	2.78
UK relative to:							
EU 15 Median(%)	-10.3	-11.8	-9.6	-4.3	-12.7	-17.4	-23.1
EU 15 Rank	2	4	4	6	4	1	2
Bulgaria	2.89	2.70	2.35	1.94	1.79	1.65	1.88
Croatia ⁽⁶⁾	3.41	3.18	2.85	2.52	2.55	2.36	2.11
Cyprus	..	..	..	..	..	..	..
Czech Republic	2.59	2.41	2.17	2.12	2.04	2.22	2.05
Estonia	2.90	2.92	2.64	1.95	1.89	2.01	2.38
Hungary	3.27	3.08	2.69	2.43	2.47	2.36	2.25
Latvia	2.87	2.82	2.54	2.12	2.08	2.13	2.32
Lithuania ⁽⁶⁾	3.40	2.96	2.05	1.57	2.09	2.11	2.12
Malta	..	..	..	..	..	..	..
Poland	3.09	2.88	2.74	2.43	2.10	2.25	2.35
Romania	2.46	2.43	2.20	2.09	2.16	2.25	2.20
Slovakia	3.04	2.98	2.54	2.49	2.38	2.68	2.43
Slovenia	3.54	3.46	2.69	2.74	2.69	2.81	2.66
EU 28 Median ⁽⁴⁾	3.22	2.97	2.69	2.48	2.40	2.37	2.41
UK relative to:							
EU 28 Median(%)	-5.7	-7.4	-3.0	+1.8	-5.8	-9.7	-11.5
EU 28 Rank	7	7	10	16	11	5	6

Source: Eurostat

Missing data estimation

+ BEIS estimates that the price is likely to exceed the relevant median.

+/- BEIS estimates that the price is likely to be around the relevant median

- BEIS estimates that the price is likely to be below the relevant median

Table 5.9.1 Domestic gas prices in the IEA

 Pence per kWh⁽¹⁾

	Gas									
	Excluding taxes					Including taxes ⁽²⁾				
	2005	2010	2014	2015	2016	2005	2010	2014	2015	2016
EU 15										
Austria	2.47	4.15	4.35	3.79	4.05	3.45	5.74	5.88	5.14	5.53
Belgium	..	3.87	4.14r	3.51	3.42	..	4.86	5.33r	4.54r	4.50r
Denmark	2.97	3.99	2.84	2.48	2.44	5.92	8.07	7.19	5.68	5.98
Finland ⁽³⁾	1.04	..	..	..	..	1.41	..	..	..	..
France	2.38	4.06	5.05	4.35	4.42	2.79	4.81	6.11	5.43	5.71
Germany	2.77	4.11	4.38	3.91	4.28	3.65	5.46	5.74	5.13	5.63
Greece	2.61	5.47	7.07	6.13	6.12	2.84	6.04	8.48	7.37	7.42
Ireland	2.74	4.04	5.09	4.37	4.91	3.11	4.78	6.12	5.27	5.92
Italy ⁽⁴⁾	2.42	3.76	4.63	3.96	4.17	3.90	6.10	6.93	6.00	6.42
Luxembourg	2.13	3.44	3.87	3.18	3.20	2.26	3.74	4.20	3.52	3.55
Netherlands	2.47	3.25	3.57	2.99	2.94	3.79	5.57	6.22	5.37	6.17
Portugal	4.34	4.97	6.45	5.49	5.41r	4.56	5.24	8.37	7.11	7.08r
Spain	2.79	4.09	5.77	5.15	5.24	3.24	4.78	7.21	6.43	6.57
Sweden	..	5.22	5.14	4.56	5.08	..	8.85	9.34	8.36	9.31
UK	2.04	3.49	4.88	4.59	4.16	2.14	3.66	5.12	4.82	4.37
Rest of IEA										
Australia	..	..	..	..	..	..	..	..	..	..
Canada	1.86	2.28	2.03	1.67	1.90	1.99	2.40	2.13	1.76	1.99
Czech Republic	1.71	3.70	3.86	3.62	3.91	2.03	4.44	4.67	4.38	4.73
Hungary	1.01	2.87	2.34	2.05	2.28	1.16	3.59	2.97	2.61	2.90
Japan	5.61	8.76	8.04	6.86	7.43	5.89	9.20	8.69	7.41	8.03
Korea	..	3.40	4.75	3.78	3.71	2.50	3.74	5.22	4.16	4.08
New Zealand	3.20	4.84	5.71	5.19	6.12	3.67	5.57	6.67	6.06	7.14
Norway	..	..	..	..	..	..	..	..	..	..
Poland	1.72	3.53	3.58	3.17	3.03	2.10	4.30	4.41	3.90	3.73
Slovakia	2.13	3.29	3.58	3.16	3.22	2.54	3.92	4.29	3.80	3.87
Switzerland	2.93	4.83	5.60	5.34	5.53	3.17	5.66	6.84	6.58	7.24
Turkey	1.45	2.48	2.45	2.26	2.33	1.71	2.93	2.89	2.67	2.76
USA ⁽⁵⁾	2.22	2.28	2.09	2.13	2.34	2.33	2.39	2.19	2.24	2.46
IEA median	2.42	3.87	4.38	3.79	4.05	2.82	4.81	5.88	5.14	5.63
UK relative to:										
IEA median%	-15.9	-9.8	11.2	21.3	2.8	-24.1	-23.8	-12.9	-6.2	-22.3
IEA rank	7	9	16	19	14	7	5	9	11	9
G7 rank	2	3	5	6	3	2	3	3	3	3

Source: Derived from the International Energy Agency publication, Energy Prices and Taxes

(1) Prices converted to pounds sterling using annual average exchange rates.

(2) Prices include all taxes where not refundable on purchase.

(3) Prices for Finland are for district heating not central heating as is the case in other countries.

(4) Some prices taken from Eurostat.

(5) Prices excluding taxes have been estimated using a weighted average of general sales taxes and fuel taxes levied by individual states.

Note: For EU comparisons, BEIS recommends use of the Eurostat data in Table 5.10.1

.. Data unavailable.

+ BEIS estimates that the price is likely to exceed the IEA median.

+/- BEIS estimates that the price is likely to be around the IEA median.

- BEIS estimates that the price is likely to be below the IEA median.

**Table 5.10.2 Domestic gas prices in the EU for medium consumers⁽¹⁾
(Excluding environmental taxes and levies, and VAT)⁽⁶⁾**

Pence per kWh⁽²⁾

	Jan 14- June 14	July 14 - Dec 14	Jan 15 - June 15	July 15 - Dec 15	Jan 16 - June 16	July 16 - Dec 16	Jan 17 - June 17
Austria	4.55	4.27	3.94	3.76	3.94	4.24	4.42
Belgium	4.21	3.97	3.50	3.44	3.23	3.51	3.44
Denmark ⁽⁴⁾	3.00	2.69	2.61	2.35	2.23	2.65	3.11
Finland	..	..	..	..	..	..	..
France	4.77	4.96	4.10	4.19	3.91	4.47	4.13
Germany	4.19	4.06	3.72	3.69	3.86	4.13	3.91
Greece	4.79	5.12	3.99	4.36	3.44	4.47	4.05
Ireland	4.62	4.90	4.07	4.33	4.19	4.82	4.48
Italy	4.37	4.96	3.69	4.20	3.69	4.55	3.86
Luxembourg	3.93	3.62	3.18	2.98	3.06	3.03	3.24
Netherlands	3.72	3.79	3.09	3.31	2.92	3.42	3.06
Portugal	5.86	6.34	5.52	5.46	5.43	5.35	4.87
Spain	4.91	6.09	4.25	5.52	4.18	5.89	4.54
Sweden	5.35	4.95	4.48	4.64	4.74	5.41	5.87
UK ⁽³⁾	4.69	4.87	4.33	4.48	4.00	4.01	3.76
EU 15 Median ⁽⁵⁾	4.58	4.88	3.97	4.20	3.89	4.35	3.98
UK relative to:							
EU 15 Median(%)	+2.3	-0.4	+9.3	+6.8	+3.0	-8.0	-5.5
EU 15 Rank	9	7	12	11	10	5	5
Bulgaria	3.36	3.19	2.91	2.34	2.39	2.23	2.37
Croatia	3.05	3.01	2.77	2.64	2.67	2.54	2.47
Cyprus	..	..	..	..	..	..	..
Czech Republic	3.72	3.68	3.47	3.47	3.75	4.00	3.91
Estonia	3.17	3.10	2.62	2.07	2.04	2.09	2.79
Hungary	2.36	2.18	2.03	1.99	2.11	2.43	2.39
Latvia	3.15	3.06	2.87	2.76	2.59	2.73	2.54
Lithuania	3.80	3.26	2.56	2.59	2.66	2.75	2.60
Malta	..	..	..	..	..	..	..
Poland	3.27	3.22	2.98	2.91	2.48	3.08	2.91
Romania	1.31	1.21	1.10	1.29	1.36	1.44	1.43
Slovakia	3.47	3.42	3.03	2.97	2.98	3.19	3.02
Slovenia	4.09	3.69	3.31	3.13	3.32	3.41	3.32
EU 28 Median ⁽⁵⁾	3.93	3.69	3.31	3.31	3.23	3.42	3.32
UK relative to:							
EU 28 Median(%)	+19.4	+31.8	+31.0	+35.3	+23.9	+17.0	+13.1
EU 28 Rank	20	18	23	22	21	16	15

Source: Eurostat

- (1) Medium consumers: consuming 5,557 - 55,556 kWh per annum for periods January - June and July - December each year
- (2) Prices converted to sterling using exchange rates in the appropriate period.
- (3) See paragraph A47 in the Technical notes for an explanation of the estimating methodology.
- (4) From July 2001 the price is for natural gas rather than gas works gas.
- (5) Median price is based upon the available data, including those cases where BEIS have estimated the position of prices relative to the EU median.
- (6) Figures in this table now exclude any charges relating to environmental or social policies as well as VAT

**Table 5.10.2 Domestic gas prices in the EU for medium consumers⁽¹⁾
(Including environmental taxes and levies, and VAT)⁽⁶⁾**

Pence per kWh⁽²⁾

	Jan 14 - June 14	July 14 - Dec 14	Jan 15 - June 15	July 15 - Dec 15	Jan 16 - June 16	July 16 - Dec 16	Jan 17 - June 17
Austria	6.14	5.78	5.34	5.12	5.37	5.79	5.80
Belgium	5.40	5.14	4.28	4.47	4.26	4.59	4.47
Denmark ⁽⁴⁾	7.46	6.95	5.87	5.50	5.58	6.37	6.97
Finland	..	..	..	..	..	..	..
France	5.76	6.03	5.13	5.27	5.06	5.81	5.50
Germany	5.57	5.39	4.95	4.90	5.15	5.52	5.26
Greece	5.94	6.31	4.99	5.40	4.39	5.61	4.82
Ireland	5.59	5.90	4.93	5.21	5.08	5.83	5.44
Italy	6.54	7.52	5.61	6.51	5.69	7.21	6.06
Luxembourg	4.37	4.07	3.63	3.47	3.54	3.60	3.59
Netherlands	6.48	6.49	5.53	5.78	6.07	6.95	6.57
Portugal	7.67	8.22	7.14	7.07	7.10	7.00	6.65
Spain	6.18	7.59	5.35	6.88	5.27	7.37	5.74
Sweden	9.73	9.01	8.28	8.44	8.79	9.82	10.44
UK	4.92	5.11	4.65	4.81	4.30	4.31	4.04
EU 15 Median ⁽⁵⁾	6.04	6.17	5.24	5.33	5.21	5.82	5.62
UK relative to:							
EU 15 Median(%)	-18.5	-17.2	-11.2	-9.8	-17.4	-26.0	-28.1
EU 15 Rank	2	2	3	3	3	2	2
Bulgaria	4.03	3.83	3.49	2.81	2.87	2.68	2.84
Croatia	3.81	3.76	3.46	3.31	3.34	3.18	3.09
Cyprus	..	..	..	..	..	..	..
Czech Republic	4.50	4.45	4.20	4.20	4.54	4.84	4.73
Estonia	4.03	3.91	3.34	2.77	2.70	2.82	3.61
Hungary	3.00	2.77	2.58	2.53	2.68	3.09	3.03
Latvia	3.98	3.86	3.63	3.49	3.30	3.49	3.25
Lithuania	4.59	3.95	3.10	3.14	3.21	3.33	3.14
Malta	..	..	..	..	..	..	..
Poland	4.02	3.96	3.66	3.59	3.05	3.79	3.59
Romania	2.54	2.52	2.28	2.45	2.59	2.78	2.72
Slovakia	4.17	4.11	3.63	3.56	3.58	3.83	3.63
Slovenia	5.48	5.02	4.61	4.38	4.67	4.84	4.76
EU 28 Median ⁽⁵⁾	5.40	5.11	4.61	4.47	4.39	4.84	4.73
UK relative to:							
EU 28 Median(%)	-8.8	0.0	+0.9	+7.7	-2.0	-10.9	-14.6
EU 28 Rank	12	13	14	14	12	11	11

Source: Eurostat

Missing data estimation

+ BEIS estimates that the price is likely to exceed the relevant median.

+/- BEIS estimates that the price is likely to be around the relevant median

- BEIS estimates that the price is likely to be below the relevant median

The relevant median is the EU15 median for EU15 data and the EU28 median for accession countries.

Standard Conversion Factors

1 tonne of oil equivalent (toe) = 10^7 kilocalories
= 396.83 therms
= 41.868 GJ
= 11,630 kWh

1 therm = 100,000 British thermal units (Btu)

The following prefixes are used for multiples of joules, watts and watt hours:

kilo (k)	= 1,000	or 10^3
mega (M)	= 1,000,000	or 10^6
giga (G)	= 1,000,000,000	or 10^9
tera (T)	= 1,000,000,000,000	or 10^{12}
peta (P)	= 1,000,000,000,000,000	or 10^{15}

WEIGHT

1 kilogramme (kg) = 2.2046 pounds (lb)

1 pound (lb) = 0.4536 kg

1 tonne (t) = 1,000 kg
= 0.9842 long ton
= 1.102 short ton

1 Statute or long ton = 2,240 lb
= 1.016 t
= 1.120 sh tn

1 barrel = 159.0 litres
= 34.97 UK gal
= 42 US gal

VOLUME

1 cubic metre (cu m) = 35.31 cu ft

1 cubic foot (cu ft) = 0.02832 cu m
1 litre = 0.22 Imperial gallons

1 UK gallon = 8 UK pints
= 1.201 U.S. gallons
= 4.54609 litres

LENGTH

1 mile = 1.6093 kilometres

1 kilometre (km) = 0.62137 miles

TEMPERATURE

1 scale degree Celsius (C) = 1.8 scale degrees Fahrenheit (F)

For conversion of temperatures: $^{\circ}\text{C} = 5/9 (^{\circ}\text{F} - 32)$; $^{\circ}\text{F} = 9/5 ^{\circ}\text{C} + 32$

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