



Department for
Business, Energy
& Industrial Strategy



QUARTERLY ENERGY PRICES TABLES ANNEX, DECEMBER 2016

December 2016

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Update Timetable

All tables will be updated in the March 2017 edition with the following exceptions:

<i>Table</i>	<i>Next update</i>
2.1.1	January 2017
2.1.2	January 2017
2.1.3	January 2017
4.1.1	January 2017
5.1.1	January 2017
5.2.1	January 2017
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 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
% Change								
2014-2015		+0.2	-4.5	-0.3	-29.5	-3.3	-13.2	0.0
2014	Q1	113.3	138.8	129.2	124.0	133.8	111.7	111.2
2014	Q2	112.7	138.0	128.3	118.5	132.7	111.6	112.0
2014	Q3	112.3	138.0	128.3	116.0	132.6	111.3	112.0
2014	Q4	114.8	138.0	128.3	105.6	132.1	104.9	112.1
2015	Q1	114.6	135.5	128.3	88.6	130.4	94.4	111.3
2015	Q2	113.2	132.2	127.9	88.6	128.6	99.1	112.0
2015	Q3	112.1	131.0	127.9	77.9	127.7	96.7	112.0
2015	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
2016	Q2	113.1	123.1	127.7	69.2	123.9	92.6	112.3
2016	Q3	111.4	123.1	127.7	74.5	124.1	94.9	112.9
% Change								
Q3 2015-Q3 2016		-0.7	-6.0	-0.2	-4.4	-2.8	-1.8	0.8

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.

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 all Items	GDP deflator
Fuel price index numbers 2010=100 relative to the GDP deflator									
1996		59.3	57.1	82.3	46.0	68.1	63.6	101.6	75.78
1997		58.8	55.5	76.7	41.4	64.8	68.5	101.5	77.26
1998		58.7	53.0	72.4	31.7	61.4	71.0	101.9	78.18
1999		59.3	52.5	71.0	35.6	60.9	76.5	102.3	78.85
2000		59.1	50.3	68.1	53.4	59.7	84.8	101.1	80.45
2001		61.2	51.3	66.9	49.6	59.4	79.7	101.4	81.19
2002		63.1	53.4	65.7	43.9	59.4	75.6	100.4	82.97
2003		62.8	53.3	64.8	47.4	59.1	76.4	99.4	84.97
2004		64.6	55.6	67.1	54.7	61.6	78.7	98.3	87.04
2005		69.2	61.9	72.2	72.4	67.9	83.4	97.8	89.36
2006		72.4	78.9	85.5	79.9	82.3	85.5	97.2	91.99
2007		75.7	82.9	90.0	77.6	86.0	85.8	97.0	94.33
2008		87.5	96.3	101.1	112.7	99.1	95.8	97.7	97.00
2009		101.5	107.6	104.1	78.1	104.5	87.0	98.4	98.48
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		104.8	118.3	109.4	125.9	114.6	112.8	103.8	103.58
2013		104.4	125.0	115.4	123.9	120.5	109.6	104.4	105.55
2014		105.6	128.7	119.7	108.1	123.7	102.5	104.3	107.29
2015		105.4	122.4	118.8	75.9	119.1	88.6	103.8	107.74
% Change									
2014-2015		-0.2	-4.9	-0.7	-29.8	-3.7	-13.6	-0.4	+0.4
2014	Q1	106.3	130.2	121.2	116.4	125.5	104.9	106.6	106.56
2014	Q2	104.8	128.3	119.3	110.2	123.5	103.8	107.5	107.52
2014	Q3	104.1	128.0	119.0	107.6	123.0	103.2	107.8	107.79
2014	Q4	107.0	128.6	119.6	98.5	123.1	97.8	107.3	107.28
2015	Q1	106.7r	126.1r	119.4r	82.5r	121.4r	87.8r	107.4r	107.43r
2015	Q2	104.6	122.2	118.2r	81.9	118.9	91.6r	108.2r	108.18r
2015	Q3	104.1r	121.6r	118.7r	72.3r	118.6r	89.7r	107.7r	107.74r
2015	Q4	106.0r	119.9r	118.9r	66.9r	117.8r	85.1r	107.6r	107.58r
2016	Q1	105.2r	117.4r	118.0r	56.3r	115.7r	80.2r	108.4r	108.41r
2016	Q2	103.5r	112.7r	116.8r	63.3r	113.4r	84.7r	109.3r	109.26r
2016	Q3	101.6	112.3	116.5	68.0	113.3	86.6	109.6	109.60
% Change									
Q3 2015-Q3 2016		-2.4	-7.6	-1.9	-6.0	-4.5	-3.4	-0.9	+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.

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

United Kingdom

		Solid fuels	Gas	Electricity	Liquid fuels	Domestic fuels ⁽²⁾	Motor fuel & oil ⁽³⁾	CPI all Items
		Current fuel price index numbers						
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
<i>Per cent change⁽⁴⁾</i>		+0.6	-4.6	-0.2	+14.2	-1.5	+7.5	+1.1

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) 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		
	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 supplier	UK
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⁾	635r	600r	615	578r	549r	558r	638	605r	618	606	570r	583r
2016p	641	611	624	583	548	559	640	612	623	610	572	586
% Change												
2015-2016	+0.9	+1.8	+1.5	+0.9	-0.2	+0.2	+0.3	+1.2	+0.8	+0.7	+0.4	+0.5
Real terms⁽²⁾												
1996	..	..	443	..	..	436	..	..	474			446
1997	..	..	417	..	..	407	..	..	443			418
1998	..	..	388	..	..	375	..	..	413			387
1999	382	352	379	367	336	364	404	388	404			378
2000	366	339	361	352	326	346	387	385	386			360
2001	355	330	348	343	318	334	374	366	373			347
2002	349	318	340	338	305	324	369	350	362			337
2003	344	316	333	331	302	318	357	348	355			330
2004	344	316	334	335	301	318	366	344	357			331
2005	373	344	361	360	325	342	392	377	386			356
2006	422	408	416	404	373	386	437	450	442			406
2007 ⁽³⁾	469	433	453	445	401	419	477	467	473			440
2008	527	483	507	505	444	468	537	522	530			492
2009	541	488	515	508	452	473	544	509	527			496
2010	517	469	493	484	436	453	522	489	505	503	453	474
2011	544	505	523	506	471	483	547	518	531	526	487	503
2012	564	530	546	524	493	503	568	533	548	546	509	523
2013	588	557	570	548	519	527	592	562	573	569	536	547
2014 ⁽⁴⁾	598	561	577	550	522	531	602	567	581	575	539	552
2015 ⁽⁴⁾	589r	557r	571	536r	510r	518r	592	562r	573	563	529r	541r
2016p	588	561	572	534	502	512	587	561	571	560	525	537
% Change												
2015-2016	-0.2	+0.7	+0.2	-0.4	-1.6	-1.2	-0.8	-0.2	-0.3	-0.5	-0.8	-0.7

(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.

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 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. 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.

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	England & Wales	Scotland	Northern Ireland
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	562r	613	618	614	618
2016p	625	631	577	559	563	550	628	627	553
% Change									
2015-2016	+1.8	+1.9	-10.0	+0.4	+0.2	-10.3	+1.6	+2.1	-10.5
Real terms⁽²⁾									
1996	440	443	540	433	438	543	471	468	582
1997	414	414	515	404	409	517	440	434	550
1998	385	398	472	372	392	460	410	417	500
1999	373	392	468	362	380	457	401	410	496
2000	356	378	433	343	366	422	383	394	442
2001	343	372	442	330	357	429	367	385	459
2002	333	364	443	320	350	431	356	378	438
2003	326	357	433	314	346	421	348	373	427
2004	327	372	427	312	355	416	348	387	424
2005	356	396	428	337	372	413	382	401	418
2006	412	445	442	383	413	427	438	471	432
2007 ⁽³⁾	451	475	452	418	432	437	472	494	441
2008	505	522	531	467	472	513	529	546	519
2009	509	538	601	469	487	578	519	541	586
2010	488	516	571	449	470	549	499	520	557
2011	519	540	591	480	495	569	527	538	576
2012	542	560	626	501	512	593	544	546	605
2013	568	583	600	526	534	569	573	577	576
2014 ⁽⁴⁾	574	580	639	529	532	601	578	575	617
2015 ⁽⁴⁾	570	574	595	517	522r	569	574	570	573
2016p	573	578	529	512	516	504	576	575	507
% Change									
2015-2016	+0.5	+0.7	-11.1	-1.0	-1.1	-11.4	+0.3	+0.9	-11.5

(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. 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 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. 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 Q4 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.

Table 2.2.3 Average annual domestic standard electricity bills in 2016 for UK regions with average unit costs based on consumption of 3,800kWh/year⁽¹⁾

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	15.90	604	14.19	539	15.95	606	14.86	565
Eastern	15.93	605	14.24	541	15.97	607	14.89	566
London	16.29	619	14.78	562	16.35	621	15.64	594
Merseyside & North Wales	17.68	672	15.68	596	17.53	666	16.53	628
North East	16.48	626	14.59	554	16.38	622	15.30	582
North Scotland	17.79	676	15.99	608	17.80	677	16.74	636
North West	16.62	632	14.71	559	16.65	633	15.52	590
Northern Ireland	15.20	577	14.48	550	14.55	553	14.67	558
South East	16.35	621	14.82	563	16.38	623	15.35	583
South Scotland	16.18	615	14.40	547	16.08	611	15.13	575
South Wales	17.28	657	15.59	592	17.37	660	16.33	620
South West	17.25	655	15.69	596	17.33	659	16.29	619
Southern	16.36	622	14.64	556	16.44	625	15.23	579
West Midlands	16.51	627	14.56	553	16.45	625	15.37	584
Yorkshire	16.28	619	14.27	542	16.20	615	15.09	573
UK ⁽³⁾	16.42	624	14.71	559	16.38	623	15.41	586

(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

**Table 2.2.4 Average variable unit costs and standing charges for standard electricity in 2016 ⁽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	0.14	84.95	0.13	62.87	0.14	83.22	0.13	71.26
Eastern	0.14	85.47	0.13	63.96	0.14	83.19	0.13	71.94
London	0.14	76.84	0.13	65.44	0.14	76.49	0.14	71.76
Merseyside & North Wales	0.15	86.80	0.14	69.07	0.15	86.13	0.15	76.76
North East	0.15	72.30	0.13	59.23	0.14	75.45	0.14	64.73
North Scotland	0.15	93.12	0.14	64.84	0.15	92.90	0.15	76.49
North West	0.14	84.18	0.13	65.52	0.14	81.89	0.14	72.97
Northern Ireland	0.15	-	0.14	-	0.15	-	0.15	-
South East	0.14	79.02	0.13	66.14	0.14	78.73	0.13	70.56
South Scotland	0.14	88.13	0.13	72.14	0.14	90.12	0.13	79.30
South Wales	0.15	91.70	0.14	63.00	0.15	92.74	0.14	75.45
South West	0.15	77.86	0.14	65.28	0.15	78.84	0.14	70.15
Southern	0.14	89.33	0.13	64.06	0.14	88.01	0.13	72.43
West Midlands	0.15	72.79	0.13	59.32	0.14	75.62	0.14	65.39
Yorkshire	0.14	72.25	0.13	60.41	0.14	74.86	0.13	65.72
United Kingdom	0.14	79.30	0.13	62.82	0.14	75.93	0.14	69.12

(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.

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 supp-liers	Non-home suppliers	All consumers	Home supp-liers	Non-home suppliers	All consumers	Home supp-liers	Non-home suppliers	All consumers	Home supp-liers	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			275
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			242
2001	264	224	251	234	211	227	264	273	265			242
2002	279	234	266	252	221	240	280	280	280			253
2003	287	248	274	258	235	250	287	294	288			262
2004	294	265	285	271	253	264	304	293	301			277
2005	344	303	331	311	289	302	348	332	344			317
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			582
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	747r	761	752	687	714
2016p	709	697	703	650	598	615	709	714	712	679	632	652
% Change												
2015-2016	-9.1	-5.3	-7.5	-10.0	-9.3	-9.6	-8.9	-4.4	-6.4	-9.7	-8.0	-8.7
Real terms⁽²⁾												
1996	373	346	373	347	325	347	396	396	396			365
1997	365	308	364	340	294	340	387	373	387			357
1998	351	288	345	307	272	303	363	357	363			331
1999	344	286	332	297	271	291	344	355	346			317
2000	329	277	314	289	262	281	329	344	331			301
2001	325	276	309	288	260	280	325	337	326			298
2002	337	282	320	304	266	290	338	338	338			305
2003	338	292	323	304	277	294	338	346	339			308
2004	338	304	328	312	290	303	349	336	345			319
2005	385	339	370	348	323	338	389	371	384			355
2006	475	398	442	421	371	394	479	435	464			420
2007 ⁽³⁾	495	477	487	433	444	440	533	503	520			468
2008	553	551	552	507	512	510	590	556	575			533
2009	622	608	616	573	560	565	663	630	646			591
2010	591	578	586	560	539	546	590	580	584	578	553	564
2011	641	617	631	615	571	586	641	612	626	630	587	605
2012	715	667	695	687	615	639	713	664	685	702	633	662
2013	749	697	727	712	641	664	743	700	718	732	661	690
2014	765	713	742	713	652	672	767	717	739	741	674	701
2015	724	683r	705	670	612	632	722	693r	706	698	638	662
2016p	650	639	645	596	548	564	650	655	653	623	580	597
% Change												
2015-2016	-10.2	-6.4	-8.5	-11.0	-10.5	-10.8	-10.0	-5.5	-7.5	-10.7	-9.1	-9.8

(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
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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	760r	753	680	681	762	751
2016p	704	697	616	615	713	704
% Change						
2015-2016	-7.4	-7.4	-9.4	-9.7	-6.4	-6.3
Real terms⁽³⁾						
1998 ⁽²⁾	345	343	303	301	363	363
1999	330	334	291	291	346	346
2000	314	316	281	278	331	330
2001	309	311	280	277	326	325
2002	320	321	290	287	338	338
2003	323	323	294	293	339	338
2004	328	327	303	299	346	345
2005	370	369	338	332	384	384
2006	442	437	395	388	464	466
-----	-----	-----	-----	-----	-----	-----
2007 ⁽⁴⁾	488	481	441	427	520	522
2008	553	545	513	490	574	577
2009	617	606	566	550	646	647
2010	586	576	547	535	584	582
2011	631	625	586	577	626	621
2012	696	687	639	630	686	679
2013	727	719	665	654	719	712
2014	743	735	672	667	740	729
2015	706r	699	631	632	707	697
2016p	645	639	564	563	654	646
% Change						
2015-2016	-8.6	-8.6	-10.6	-10.9	-7.5	-7.3

(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 2016 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	4.61	692	4.00	601	4.68	702	4.24	635
Eastern	4.69	704	4.09	614	4.76	714	4.33	649
London	4.75	713	4.26	638	4.81	721	4.54	681
Merseyside & North Wales	4.68	702	4.08	613	4.74	711	4.35	652
North East	4.63	694	4.01	602	4.72	708	4.26	639
North Scotland	4.67	701	4.10	615	4.71	707	4.33	650
North West	4.66	698	4.03	605	4.72	709	4.30	644
South East	4.75	712	4.20	630	4.82	723	4.40	660
South Scotland	4.64	697	4.10	615	4.69	704	4.33	649
South Wales	4.72	708	4.21	631	4.77	715	4.43	664
South West	4.69	703	4.18	627	4.75	713	4.37	656
Southern	4.83	725	4.24	636	4.88	732	4.44	665
West Midlands	4.68	702	4.06	609	4.74	710	4.32	648
Yorkshire	4.60	689	3.94	592	4.68	702	4.22	633
Great Britain ⁽³⁾	4.69	703	4.10	615	4.75	712	4.34	652

(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

**Table 2.3.4 Average variable unit costs and standing charges for gas in 2016⁽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	0.040	97.70	0.035	78.23	0.040	98.80	0.037	85.54	
Eastern	0.040	97.09	0.036	79.10	0.041	98.30	0.038	86.07	
London	0.041	96.33	0.037	83.03	0.042	96.77	0.039	90.44	
Merseyside & North Wales	0.040	96.27	0.035	81.71	0.041	96.95	0.038	87.98	
North East	0.040	97.28	0.035	77.67	0.041	98.37	0.037	85.34	
North Scotland	0.040	97.06	0.036	76.59	0.041	98.60	0.038	84.98	
North West	0.040	97.06	0.035	80.55	0.041	98.32	0.037	87.47	
South East	0.041	96.36	0.037	81.39	0.042	97.35	0.038	86.75	
South Scotland	0.040	95.59	0.036	81.69	0.040	96.77	0.037	87.49	
South Wales	0.041	97.59	0.037	75.45	0.041	99.12	0.039	84.96	
South West	0.040	96.47	0.036	81.10	0.041	97.39	0.038	86.81	
Southern	0.042	96.45	0.037	77.11	0.042	97.85	0.039	83.54	
West Midlands	0.040	97.00	0.035	78.31	0.041	98.27	0.037	86.18	
Yorkshire	0.039	97.39	0.034	78.49	0.040	98.54	0.036	86.37	
Great Britain	0.040	96.83	0.036	79.36	0.041	97.90	0.038	86.43	

(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 2.3.1, 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. Table A2 in Annex A maps the selected

(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.

Table 2.4.1 Percentage of domestic electricity customers⁽¹⁾ by region⁽²⁾ by supplier type⁽³⁾, September 2016⁽⁴⁾

	Per cent							
	Unadjusted						Adjusted	
	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	33	67	25	75	23	77	22	78
West Midlands	33	67	25	75	23	77	22	78
North East	34	66	25	75	20	80	22	78
North West	38	62	24	76	29	71	24	76
Merseyside & N Wales	39	61	27	73	37	63	26	74
Eastern	42	58	27	73	29	71	27	73
East Midlands	40	60	29	71	34	66	28	72
South East	41	59	32	68	37	63	30	70
South West	44	56	33	67	41	59	32	68
South Scotland	44	56	35	65	52	48	34	66
London	44	56	36	64	41	59	35	65
Southern	54	46	41	59	47	53	37	63
South Wales	62	38	47	53	63	37	45	55
North Scotland	72	28	59	41	69	31	58	42
Great Britain	42	58	32	68	37	63	30	70

(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.

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

Table 2.4.2 Regional variation of payment method for standard electricity, September 2016

	Per cent		
	Credit	Direct debit	Prepayment
Southern	23	67	11
South East	25	66	10
South West	24	63	13
Eastern	28	62	10
North East	25	62	14
East Midlands	25	61	13
North Scotland	23	59	18
Yorkshire	26	59	15
West Midlands	26	59	15
North West	26	58	16
South Scotland	23	58	19
South Wales	25	58	18
Merseyside & N Wales	23	56	21
London	35	44	21
Northern Ireland	23	40	37
Scotland	23	58	19
England & Wales	26	60	14
Great Britain	26	60	15
Northern Ireland	23	40	37
UK	26	59	15

Table 2.5.1 Percentage of domestic gas customers by region⁽¹⁾ by supplier type⁽²⁾⁽³⁾, September 2016⁽⁴⁾

	Per cent							
	Unadjusted						Adjusted	
	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	44	56	30	70	28	72	30	70
North East	50	50	29	71	38	62	31	69
North Scotland	43	57	30	70	32	68	32	68
Southern	53	47	31	69	45	55	32	68
East Midlands	51	49	32	68	49	51	33	67
South East	51	49	32	68	44	56	33	67
Eastern	55	45	34	66	47	53	35	65
West Midlands	58	42	33	67	51	49	36	64
Yorkshire	56	44	34	66	52	48	36	64
South Scotland	55	45	36	64	41	59	38	62
South West	56	44	36	64	45	55	38	62
North West	57	43	39	61	52	48	39	61
Merseyside & N Wales	60	40	39	61	52	48	41	59
London	58	42	41	59	54	46	42	58
Great Britain ⁽⁵⁾	54	46	34	66	47	53	36	64

(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.

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

Table 2.5.2 Regional variation of payment method for gas, September 2016

	Per cent		
	Credit	Debit	Prepayment
Southern	23	68	9
South East	24	65	11
South West	24	64	12
East Midlands	25	64	12
Eastern	26	62	12
North East	23	62	15
North Scotland	23	60	16
South Scotland	23	60	17
North West	24	60	16
Yorkshire	25	60	15
West Midlands	26	59	15
South Wales	24	59	17
Merseyside & N Wales	23	58	19
London	35	45	20
Scotland	23	60	17
England & Wales	25	61	14
Great Britain	25	61	14

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	591	6,170	7,870	503	15,134	15,673	30,807	534,755
1998	495	5,592	7,642	419	14,148	16,634	30,782	569,829
1999	481	5,335	7,271	404	13,491	18,162	31,653	602,922
2000	447	5,882	7,313	665	14,307	19,936	34,243	639,405
2001	488	6,003	7,280	587	14,358	19,368	33,726	665,058
2002	448	6,051	7,327	567	14,393	19,082	33,475	695,912
2003	343	6,303	7,514	671	14,831	20,093	34,924	731,780
2004	311	7,266	8,605	783	16,965	20,958	37,923	772,164
2005	207	7,714	9,554	773	18,248	23,269	41,517	813,580
2006	220	9,657	11,549	1,103	22,529	24,882	47,411	851,456
2007	260	10,828	11,721	1,088	23,897	26,649	50,546	898,478
2008	313	12,830	14,170	1,520	28,833	29,740	58,573	928,265
2009	306	13,514	14,346	1,140	29,306	26,632	55,938	911,665
2010	275	14,839	13,865	1,477	30,456	30,648	61,104	954,781
2011	278	13,548	14,032	1,580	29,438	35,458	64,896	990,828
2012	278	15,993	14,875	1,660	32,806	35,637	68,443	1,029,378
2013	300	16,993	16,160	1,684	35,137	35,381	70,518	1,073,106
2014	244r	14,803r	15,290r	1,399r	31,736r	34,461r	66,197r	1,118,992r
2015	325	14,745	15,817	958	31,845	30,705	62,550	1,152,387
% Change								
2014-2015	+33.2	-0.4	+3.4	-31.5	+0.3	-10.9	-5.5	+3.0

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	934	14,512	13,290	1,574	30,177	29,971	60,157	687,122
1998	774	13,583	13,507	1,690	29,516	30,776	60,268	717,689
1999	738	12,977	13,004	1,470	28,240	30,783	58,970	753,551
2000	671	14,579	13,351	1,472	29,931	30,014	59,947	793,358
2001	709	14,576	13,421	1,479	30,067	30,793	60,848	822,384
2002	613	13,749	13,439	1,668	29,393	31,399	60,751	855,823
2003	463	14,074	13,643	1,706	29,715	31,854	61,525	887,207
2004	403	15,127	14,745	1,687	31,771	31,499	63,281	917,836
2005	247	13,991	14,775	1,255	30,179	32,245	62,382	946,611
2006	242	13,559	14,770	1,518	30,042	32,777	62,762	965,316
2007	275	13,927	13,808	1,407	29,321	34,113	63,330	995,436
2008	290	13,702	14,463	1,437	29,834	32,938	62,706	988,213
2009	284	12,743	13,948	1,402	28,340	31,970	60,232	954,343
2010	275	14,839	13,865	1,477	30,456	30,648	61,104	954,781
2011	273	12,299	13,081	1,250	26,904	31,657	58,457	953,924
2012	262	13,099	13,111	1,268	27,748	31,540	59,206	972,687
2013	249	12,973	13,275	1,333	27,835	31,630	59,383	991,423
2014	225r	10730r	11903r	1249r	24088r	32318r	56223r	1016803r
2015	219	11,229	12,425	1,255	25,105	32,651	57,589	1,045,153
% Change								
2014-2015	-2.5	+4.6	+4.4	+0.5	+4.2	+1.0	+2.4	+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			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
% Change											
2013-2014	-0.9	-11.3	+0.9	-3.8	-3.1	-1.1	-10.7	+81.0	-2.8	-3.5	-3.2

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.

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

Great Britain⁽³⁾

Quarter ⁽⁴⁾⁽⁵⁾⁽⁶⁾	Electricity Transfers	Gas Transfers	Total Electricity Customers ⁽⁷⁾⁽⁹⁾	Total Gas Customers ⁽⁷⁾⁽⁸⁾
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	833,000r	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	22,053,333

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 January 2014, 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 within the total count of gas customers.
- 9) 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.
- 10) 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.

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

		Original units								
		2014		2015				2016		
Fuel	Size of consumer	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter
Coal⁽⁶⁾⁽¹⁰⁾ (£per GJ)	Small	..	..	..	..	..	..	..	..	..
	Medium	..	..	..	..	..	..	..	..	..
	Large	2.88	2.38	2.39	2.55	2.40	2.37	2.22	2.01	2.45
	All consumers: Average median⁽²⁾	3.26	2.60	2.59	2.75	2.59	2.58	2.45	2.44r	2.69
	
Heavy fuel oil⁽³⁾⁽⁶⁾⁽⁹⁾ (£ per tonne)	Small	581.6	509.2	419.2	422.4	410.1	373.5	365.0	394.3r	461.8
	Medium	525.9	486.0	414.6	435.3	404.4	389.6	359.5	353.5r	385.6
	Large	537.8	431.7	326.5	324.6	306.7	289.4	255.9	333.5r	361.8
	Of which: Extra large	..	..	..	..	..	..	..	..	..
	Moderately large	..	..	..	..	..	..	..	..	..
	All consumers: Average median⁽²⁾	539.4	460.8	369.4	376.1	354.3	335.4	306.3	348.2r	383.2
		591.8	515.6	452.1	448.1	435.4	375.7	351.2	381.1r	422.7
Gas oil⁽³⁾ (£ per tonne)	Small	749.3	680.7	561.3	591.7	541.4	517.0	450.4	515.7r	601.5
	Medium	739.8	697.6	595.3	604.4	566.4	509.5	445.1	464.4r	580.0
	Large	663.5	614.9	521.3	541.3	487.2	470.1	422.1	469.2r	467.8
	All consumers: Average median⁽²⁾	677.0	628.9	533.3	552.0	500.3	477.2	426.2	469.7r	487.8
		726.0	661.2	564.5	569.9	531.5	499.1	438.0	475.7r	512.9
Electricity (Pence per kWh)	Small	10.55	10.86	10.80	10.85	10.93	10.81	10.89	10.68r	11.08
	Medium	8.99	9.38	9.13	9.14	9.12	9.12	9.14	8.88r	9.09
	Large	6.86	7.39	7.32	7.18	7.31	7.20	6.83	6.83r	6.91
	Of which: Extra large	5.89	6.32	6.29	6.21	6.49	6.19	5.60	5.69r	5.66
	Moderately large	7.61	8.21	8.12	7.93	7.95	7.98	7.77	7.71r	7.88
	All consumers: Average median⁽²⁾	7.61	8.09	7.98	7.88	7.98	7.89	7.64	7.57r	7.70
	10% decile ⁽²⁾	7.48	8.05	7.96	7.91	7.90	7.82	7.58	7.53r	7.70
	median ⁽²⁾	9.38	9.59	9.63	9.55	9.58	9.63	9.55	9.56r	9.49
	90% decile ⁽²⁾	11.34	11.54	11.56	11.73	11.73	11.77	11.64	11.63r	11.70
Gas⁽⁴⁾ (Pence per kWh)	Small	4.408	3.310	2.964	3.281	4.042	2.944	2.571	2.634r	3.677
	Medium	2.841	2.708	2.538	2.562	2.633	2.456	2.252	2.234r	2.475
	Large	1.893	2.177	2.026	1.842	1.727	1.676	1.503	1.357r	1.360
	All consumers: Average Firm⁽⁵⁾	1.996	2.267	2.130	1.953	1.824	1.793	1.641	1.478r	1.469
	Interruption	2.151	2.356	2.241	2.062	1.973	1.933	1.788	1.597r	1.614
	10% decile ⁽²⁾	1.873	2.185	2.005	1.836	1.706	1.666	1.475	1.346r	1.354
	median ⁽²⁾	1.943	2.208	2.096	1.955	1.802	1.754	1.586	1.483r	1.548
	90% decile ⁽²⁾	3.081	2.848	2.743	2.751	2.862	2.573	2.385	2.464r	2.856
		7.964	4.511	3.758	4.694	8.415	4.243	4.003	4.341	6.449

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								
		2014		2015				2016		
	Size of consumer	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter p	3rd quarter
Coal⁽⁶⁾⁽¹⁰⁾	Small	..	..	..	..	..	..	..	..	..
	Medium	..	..	..	..	..	..	..	..	..
	Large	1.036	0.857	0.860	0.918	0.863	0.851	0.797	0.792	0.881
	All consumers Average	1.174	0.936	0.933	0.989	0.931	0.929	0.881	0.877r	0.967
	Median ⁽²⁾
Heavy fuel oil⁽³⁾⁽⁶⁾⁽⁹⁾	Small	4.888	4.280	3.523	3.550	3.447	3.139	3.067	3.314r	3.881
	Medium	4.420	4.085	3.484	3.658	3.399	3.275	3.021	2.971r	3.241
	Large	4.520	3.628	2.744	2.728	2.577	2.433	2.150	2.802r	3.041
	Of which: Extra large	..	..	..	..	..	..	..	..	..
	Moderately large	..	..	..	..	..	..	..	..	..
	All consumers Average	4.533	3.873	3.104	3.160	2.978	2.819	2.575	2.928r	3.221
	Median ⁽²⁾	4.973	4.333	3.800	3.766	3.659	3.157	2.952	3.203r	3.553
Gas oil⁽³⁾	Small	5.933	5.389	4.444	4.684	4.287	4.093	3.566	4.083r	4.762
	Medium	5.857	5.523	4.713	4.785	4.485	4.034	3.524	3.677r	4.592
	Large	5.253	4.868	4.127	4.285	3.857	3.722	3.342	3.715r	3.703
	All consumers Average	5.360	4.979	4.222	4.370	3.961	3.778	3.375	3.719r	3.862
	Median ⁽²⁾	5.747	5.235	4.469	4.512	4.208	3.951	3.468	3.766r	4.061
Electricity	Small	10.548	10.857	10.799	10.851	10.925	10.814	10.891	10.678r	11.076
	Medium	8.988	9.375	9.133	9.138	9.122	9.121	9.136	8.883r	9.092
	Large	6.859	7.386	7.320	7.175	7.311	7.200	6.825	6.825r	6.909
	Of which: Extra large	5.886	6.322	6.291	6.205	6.486	6.185	5.601	5.686r	5.655
	Moderately large	7.612	8.208	8.116	7.925	7.949	7.984	7.771	7.706r	7.878
	All consumers Average	7.610	8.088	7.979	7.883	7.977	7.893	7.643	7.567r	7.700
	10% decile ⁽²⁾	7.480	8.048	7.964	7.913	7.902	7.815	7.583	7.529r	7.695
	Median ⁽²⁾	9.380	9.593	9.631	9.552	9.576	9.634	9.554	9.558r	9.489
	90% decile ⁽²⁾	11.338	11.537	11.559	11.725	11.727	11.770	11.644	11.632r	11.699
Gas⁽⁴⁾	Small	4.408	3.310	2.964	3.281	4.042	2.944	2.571	2.634r	3.677
	Medium	2.841	2.708	2.538	2.562	2.633	2.455	2.253	2.234r	2.475
	Large	1.893	2.177	2.026	1.842	1.727	1.675	1.503	1.357r	1.360
	All consumers Average	1.996	2.267	2.130	1.953	1.824	1.793	1.641	1.477r	1.470
	Firm ⁽⁵⁾	2.151	2.356	2.241	2.062	1.973	1.933	1.788	1.597r	1.614
	Interruptible	1.873	2.185	2.005	1.836	1.706	1.666	1.475	1.346r	1.354
	10% decile ⁽²⁾	1.943	2.208	2.096	1.955	1.802	1.754	1.586	1.483r	1.548
	Median ⁽²⁾	3.081	2.848	2.743	2.751	2.862	2.573	2.385	2.464r	2.856
	90% decile ⁽²⁾	7.964	4.511	3.758	4.694	8.415	4.243	4.003	4.341	6.449

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	2009	2010	2011	2012	2013	2014	2015
Coal ⁽⁶⁾⁽¹⁰⁾ (£ per tonne)	Small	120.19	..	..	..	..	..	..
	Medium	82.23	..	..	..	..	..	..
	Large	54.82	65.46	81.59	82.70	88.38	86.56	77.44
	All consumers: Average	59.60	70.90	87.03	87.54	94.59	93.64	80.98
Heavy fuel oil ⁽³⁾⁽⁶⁾⁽⁹⁾ (£ per tonne)	Small	421.9	506.9	625.6	651.8	675.4	558.8	406.3
	Medium	378.6	461.0	537.5	592.8	581.7	519.4	411.5
	Large	376.5	469.6	581.8	605.8	570.5	519.1	313.0
	Of which: Extra large	..	..	..	..	..	..	..
	Moderately large	..	..	..	..	..	..	..
All consumers: Average	383.2	471.5	572.0	607.3	588.2	524.4	359.6	
Gas oil ⁽³⁾ (£ per tonne)	Small	507.6	618.6	782.4	825.7	815.3	750.2	553.8
	Medium	506.0	620.4	766.2	806.6	803.1	748.5	570.8
	Large	481.8	588.0	731.7	759.6	743.2	670.7	505.0
	All consumers: Average	486.0	593.6	738.1	768.3	753.9	684.3	516.0
Electricity (Pence per kWh)	Small	9.817	8.804	8.528	9.504	9.834	10.434	10.843
	Medium	8.836	7.484	7.794	8.491	8.672	9.121	9.129
	Large	6.484	5.964	6.468	6.742	7.237	7.117	7.251
	Of which: Extra large	5.078	5.180	5.785	6.093	6.535	6.089	6.291
	Moderately large	7.571	6.570	6.996	7.245	7.780	7.912	7.993
All consumers: Average	7.270	6.512	6.922	7.343	7.749	7.814	7.932	
Gas ⁽⁴⁾ (Pence per kWh)	Small	2.931	2.793	2.887	3.212	3.371	3.410	3.118
	Medium	2.534	2.242	2.405	2.602	2.809	2.796	2.533
	Large	1.797	1.642	2.047	2.239	2.479	2.138	1.821
	All consumers: Average	1.906	1.738	2.109	2.306	2.540	2.243	1.932
	Firm	2.000	1.861	2.218	2.393	2.597	2.375	2.075
	Interruptible	1.827	1.635	2.017	2.232	2.493	2.134	1.813

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	2009	2010	2011	2012	2013	2014	2015
Coal ⁽⁶⁾⁽¹⁰⁾	Small	1.565	..	..	..	..	..	..
	Medium	1.078	..	..	..	..	..	..
	Large	0.746	0.856	0.943	0.922	0.949	0.937	0.867
	All consumers - Average	0.805	0.933	1.036	1.012	1.065	1.065	0.940
	Median ⁽²⁾	1.379	..	..	..	..	..	..
Heavy fuel oil ⁽³⁾⁽⁶⁾⁽⁹⁾	Small	3.546	4.260	5.257	5.478	5.676	4.696	3.414
	Medium	3.182	3.875	4.517	4.982	4.889	4.365	3.458
	Large	3.164	3.946	4.889	5.091	4.794	4.362	2.631
	Of which: Extra large	..	..	..	..	..	..	..
	Moderately large	..	..	..	..	..	..	..
	All consumers - Average	3.221	3.962	4.807	5.104	4.943	4.407	3.022
	Median ⁽²⁾	3.256	4.049	4.964	5.232	5.439	4.901	3.504
Gas oil ⁽³⁾	Small	4.018	4.897	6.194	6.537	6.454	5.939	4.385
	Medium	4.006	4.912	6.066	6.386	6.358	5.926	4.519
	Large	3.814	4.655	5.793	6.014	5.884	5.310	3.998
	All consumers - Average	3.848	4.699	5.844	6.083	5.969	5.417	4.085
	Median ⁽²⁾	3.952	4.837	6.139	6.409	6.351	5.792	4.322
Electricity	Small	9.817	8.804	8.528	9.504	9.834	10.434	10.843
	Medium	8.836	7.484	7.794	8.491	8.672	9.121	9.129
	Large	6.484	5.964	6.468	6.742	7.237	7.117	7.251
	Of which: Extra large	5.078	5.180	5.785	6.093	6.535	6.089	6.291
	Moderately large	7.571	6.570	6.996	7.245	7.780	7.912	7.993
	All consumers - Average	7.270	6.512	6.922	7.343	7.749	7.814	7.932
	10% decile ⁽²⁾	6.146	6.068	6.621	7.017	7.476	7.697	7.902
	Median ⁽²⁾	9.146	7.729	7.998	8.713	8.984	9.434	9.601
	90% decile ⁽²⁾	12.800	10.723	10.107	10.802	11.126	11.329	11.727
Gas ⁽⁴⁾	Small	2.931	2.793	2.887	3.212	3.371	3.410	3.118
	Medium	2.534	2.242	2.405	2.602	2.809	2.796	2.533
	Large	1.797	1.642	2.047	2.239	2.479	2.138	1.821
	All consumers - Average	1.906	1.738	2.109	2.306	2.540	2.243	1.932
	Firm	2.000	1.861	2.218	2.393	2.597	2.375	2.075
	Interruptible	1.827	1.635	2.017	2.232	2.493	2.134	1.813
	10% decile ⁽²⁾	1.488	1.533	1.969	2.170	2.418	2.173	1.915
	Median ⁽²⁾	2.625	2.307	2.502	2.802	2.947	2.914	2.726
	90% decile ⁽²⁾	4.752	4.274	4.849	5.187	5.468	4.798	4.857

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 of Energy and Climate Change (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 per tonne are £108.18 for Heavy Fuel Oil and £128.77 for gas oil.
- (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 sizebands are defined in terms of the approximate annual purchases by the consumers purchasing them, as shown in the table below.

Range of annual purchases of which:

Fuel	Large	Extra large	Moderately large	Medium	Small
	Greater than	Greater than			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 HM Revenue and Customs web site at:

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

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⁾			
		Q4/15	Q1/16	Q2/16	Q3/16
Coal	£15.26/tonne	£6.3/tonne	£6.2/tonne	£6.2/tonne	£6.2/tonne
Electricity	0.559p/kWh	0.35p/kWh	0.37p/kWh	0.41p/kWh	0.40p/kWh
Gas	0.195p/kWh	0.10p/kWh	0.11p/kWh	0.11p/kWh	0.09p/kWh
LPG	£12.51/tonne	..	..	..	..

(i) The levy rates shown here are the rates from April 2016. 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	
Per cent change ⁽⁶⁾	-14.1	-14.1	-33.3	-33.3	-16.1	
2014 2nd quarter	55.92	0.77	505.6	4.19	1.73	
3rd quarter	55.41	0.76	509.2	4.22	1.63	
4th quarter	56.22	0.77	432.4	3.59	2.03	
2015 1st quarter	51.97	0.71	304.3	2.52	1.82	
2nd quarter	47.70	0.66	335.2	2.78	1.60	
3rd quarter	47.09	0.65	304.1	2.52	1.53	
4th quarter	44.42	0.61	277.7	2.30	1.39	
2016 1st quarter	48.32	0.66	223.1	1.85	1.27	
2nd quarter	37.20r	0.51r	264.6	2.20	1.15	
3rd quarter p	51.75	0.71	328.5	2.72	1.16	
Per cent change ⁽⁶⁾	+9.9	+9.9	+8.0	+8.0	-24.4	

(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	111.6	..	..	..
Per cent change ⁽⁴⁾	-11.7	-31.4	-10.4	+1.3	-7.5	..	..	..
2014 3rd quarter	125.8	114.4	118.8	119.2	118.3	124.8	120.9	120.4	
4th quarter	100.3	97.7	136.9	121.4	118.9	132.8	120.4	117.6	
2015 1st quarter	100.0	78.4	131.7	123.5	117.6	125.6r	121.9r	115.5r	
2nd quarter	106.1	79.8	119.5	121.0	114.1	124.1r	122.2r	115.8r	
3rd quarter	100.0	75.1	112.1	121.5	112.3	117.7r	122.9r	114.2r	
4th quarter	99.6	71.1	112.5	122.4	112.4	108.4r	121.3r	110.9r	
2016 1st quarter	94.6	65.0r	107.4	119.8r	108.7r	102.4r	118.4r	106.9r	
2nd quarter	94.2r	73.9	93.3	113.9	103.7	97.2r	115.3r	105.3r	
3rd quarter p	103.7	81.3	92.6	116.2	106.4	97.3	117.2	107.9	
Per cent change ⁽⁴⁾	+3.7	+8.2	-17.4	-4.4	-5.3	-17.4	-4.6	-5.5	

(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>			
	Coal ⁽²⁾	Heavy fuel oil ⁽²⁾	Gas ⁽³⁾	Electricity ⁽³⁾	Total fuel ⁽⁴⁾	Gas ⁽³⁾	Electricity ⁽³⁾	Total fuel ⁽⁴⁾	GDP deflator
1983	176.2	71.7	128.3	110.3	107.4	..	..	..	41.6
1984	167.7	81.0	126.1	104.7	106.6	..	..	..	43.7
1985	165.1	77.8	127.5	103.1	106.8	..	..	..	46.2
1986	150.1	35.8	106.5	99.7	93.2	..	..	..	48.2
1987	136.8	36.4	95.3	91.9	87.0	..	..	..	50.8
1988	114.8	25.4	85.6	91.5	82.9	..	..	..	53.7
1989	104.1	25.7	76.9	91.1	80.3	..	..	..	57.9
1990	99.1	25.9	72.4	84.1	74.4	..	..	..	62.5
1991	91.7	21.3	68.6	81.6	71.4	..	..	..	66.6
1992	90.2	19.9	67.0	83.7	73.2	..	..	..	68.5
1993	82.5	20.7	62.9	85.5	72.3	..	..	..	70.3
1994	80.6	22.1	60.9	81.4	69.4	..	..	..	71.1
1995	73.8	25.2	55.6	78.8	67.0	..	..	..	72.8
1996	67.5	26.8	40.8	73.1	61.6	..	..	..	75.8
1997	64.6	25.1	41.5	67.6	56.6	..	..	..	77.3
1998	65.4	20.7	43.1	66.2	55.8	..	..	..	78.2
1999	63.8	23.5	42.5	66.0	56.2	..	..	..	78.9
2000	62.7	33.3	45.4	60.0	51.9	..	..	..	80.5
2001	63.7	33.0	60.2	54.4	51.5	..	..	..	81.2
2002	63.9	33.8	55.7	51.3	49.1	..	..	..	83.0
2003	57.2	38.1	56.7	48.5	48.3	..	..	..	85.0
2004	62.2	37.5	61.6	51.6	50.8	..	..	..	87.0
2005	71.1	48.5	91.3	67.3	69.4	..	..	..	89.4
2006	66.1	60.1	110.6	87.8	88.0	..	..	..	92.0
2007	74.9	60.6	87.0	87.9	82.4	..	..	..	94.3
2008	94.5	85.9	127.5	105.3	106.3	..	..	..	97.0
2009	87.6	82.5	105.5	111.8	105.1	..	..	..	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	124.4	128.9	104.6	114.2	..	..	..	103.6
2013	108.2	118.2	140.0	108.2	116.5	..	..	..	105.6
2014	106.4	103.7	123.7	112.4	112.5	..	..	..	107.3
2015	93.6	70.8r	110.4r	113.4	103.6r	..	..	..	107.7
Per cent change ⁽⁵⁾	-12.0	-31.7	-10.7	+0.9	-7.9	..	..	..	+0.4
2014 3rd quarter	116.7	106.1	110.2	110.5	109.7	115.8	112.2	111.7	107.8
4th quarter	93.5	91.1	127.6	113.2	110.9	123.6	112.4	109.7	107.3
2015 1st quarter	93.0r	72.9r	122.6r	114.9r	109.5r	116.9r	113.5r	107.5r	107.4r
2nd quarter	98.1	73.7r	110.4r	111.8r	105.5	114.7r	113.0r	107.0	108.2r
3rd quarter	92.8r	69.8r	104.0r	112.8r	104.3r	109.3r	114.1r	106.0r	107.7r
4th quarter	92.6r	66.1r	104.6r	113.8r	104.5r	100.8r	112.8r	103.1r	107.6r
2016 1st quarter	87.2r	59.9r	99.1r	110.5r	100.3r	94.5r	109.2r	98.6r	108.4r
2nd quarter	86.2r	67.6r	85.4r	104.2r	94.9r	89.0r	105.6r	96.4r	109.3r
3rd quarter p	94.6	74.2	84.5	106.0	97.0	88.8	107.0	98.4	109.6
Per cent change ⁽⁵⁾	+2.0	+6.3	-18.8	-6.0	-6.9	-18.8	-6.2	-7.1	+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

		<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	111.1	..	..	..
Per cent change ⁽⁶⁾		-11.0	-31.4	-10.1	+1.3	-7.5	..	..	..
2014	3rd quarter	124.2	114.4	118.1	118.0	117.4	124.7	119.8	119.7
	4th quarter	100.3	97.7	136.3	120.5	118.3	133.4	119.5	117.2
2015	1st quarter	100.0	78.4	132.1	122.1	116.8	125.5	120.6r	114.6r
	2nd quarter	105.8	79.8	120.1	119.8	113.4	124.1r	121.0r	114.9r
	3rd quarter	100.0	75.1	111.6	120.7	111.7	117.9r	122.0r	113.7r
	4th quarter	99.6	71.1	112.6	122.1	112.2	108.9r	120.9	110.7r
2016	1st quarter	94.9	65.0r	108.5	119.7r	108.8r	103.0	118.3r	107.0r
	2nd quarter	94.5r	73.9	94.6	114.4r	104.3	98.0r	115.9r	105.8r
	3rd quarter p	103.6	81.3	92.5	116.7	106.7	97.8	117.8	108.3
Per cent change ⁽⁶⁾		+3.6	+8.2	-17.1	-3.3	-4.5	-17.0	-3.5	-4.7

(1) The levy came into effect in April 2001 (Q2). The full rates of levy from 1 April 2013 are:

coal 14.29£/tonne, gas 0.182p/kWh, electricity 0.524p/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	165.1	71.7	124.9	106.6	104.3	..	..	..	41.6
1984	157.2	81.0	122.8	101.2	103.7	..	..	..	43.7
1985	154.7	77.8	124.1	99.6	103.8	..	..	..	46.2
1986	140.7	35.8	103.6	96.3	90.2	..	..	..	48.2
1987	128.2	36.4	92.7	88.8	84.2	..	..	..	50.8
1988	107.5	25.4	83.4	88.4	80.1	..	..	..	53.7
1989	97.6	25.7	74.8	88.0	77.7	..	..	..	57.9
1990	92.9	25.9	70.5	81.3	72.0	..	..	..	62.5
1991	85.9	21.3	66.8	78.9	69.0	..	..	..	66.6
1992	84.5	19.9	65.1	80.8	70.8	..	..	..	68.5
1993	77.3	20.7	61.2	82.6	69.9	..	..	..	70.3
1994	75.5	22.1	59.2	78.7	67.1	..	..	..	71.1
1995	69.2	25.2	54.1	76.1	64.8	..	..	..	72.8
1996	63.2	26.8	39.7	70.6	59.6	..	..	..	75.8
1997	60.6	25.1	40.3	65.3	54.8	..	..	..	77.3
1998	61.3	20.7	41.9	63.9	54.0	..	..	..	78.2
1999	59.8	23.5	41.3	63.8	54.4	..	..	..	78.9
2000	58.7	33.3	44.1	57.9	50.4	..	..	..	80.5
2001	67.2	33.0	61.5	55.5	52.5	..	..	..	81.2
2002	67.2	33.8	58.4	53.2	50.8	..	..	..	83.0
2003	60.8	38.1	59.0	50.3	49.8	..	..	..	85.0
2004	65.3	37.5	63.4	53.3	52.1	..	..	..	87.0
2005	73.5	48.5	92.0	68.1	70.1	..	..	..	89.4
2006	68.6	60.1	110.6	88.0	88.2	..	..	..	92.0
2007	76.8	60.7	87.0	87.7	82.3	..	..	..	94.3
2008	94.9	85.9	126.9	104.9	106.0	..	..	..	97.0
2009	88.5	82.5	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	124.4	128.6	104.3	113.9	..	..	..	103.6
2013	107.4	118.2	139.5	107.5	116.0	..	..	..	105.6
2014	105.5	103.7	123.5	111.5	112.0	..	..	..	107.3
2015	93.5r	70.8r	110.6	112.5r	103.1r	..	..	..	107.7
Per cent change ⁽⁷⁾	-11.4	-31.7	-10.5	+0.9	-7.9	..	..	..	+0.4
2014 3rd quarter	115.2	106.1	109.6	109.5	108.9	115.2	110.6	110.5	107.8
4th quarter	93.5	91.1	127.0	112.4	110.3	122.8	111.1	108.7	107.3
2015 1st quarter	93.1r	72.9r	123.0r	113.6r	108.7r	116.8r	112.3r	106.7r	107.4r
2nd quarter	97.8	73.7r	111.0r	110.7r	104.9	114.7r	111.8r	106.2r	108.2r
3rd quarter	92.8r	69.8r	103.6r	112.0r	103.7r	109.4r	113.3r	105.5r	107.7r
4th quarter	92.6r	66.1r	104.6r	113.5r	104.3r	101.2r	112.4r	102.9r	107.6r
2016 1st quarter	87.5r	59.9r	100.0r	110.4r	100.4r	95.1r	109.2r	98.7r	108.4r
2nd quarter	86.5r	67.6r	86.6r	104.7r	95.5r	89.7r	106.1r	96.9r	109.3r
3rd quarter p	94.5	74.2	84.4	106.4	97.3	89.2	107.5	98.8	109.6
Per cent change ⁽⁷⁾	+1.9	+6.3	-18.5	-5.0	-6.1	-18.4	-5.1	-6.3	+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 from 1 April 2013 are:

coal 14.29£/tonne, gas 0.182p/kWh, electricity 0.524p/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	2014		2015				2016		
		3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter
Electricity	Very Small	13.72	13.60	13.53	13.06	12.85	12.60	12.56	12.39	12.22
	Small	11.36	11.53	11.92	11.68	11.81	11.73	11.71	11.21	11.59
	Small/Medium	10.08	10.34	10.59	10.42	10.56	10.47	10.41	10.07	10.27
	Medium	9.12	9.52	9.81	9.72	9.75	9.70	9.63	9.27	9.44
	Large	9.06	9.50	9.56	9.66	9.41	9.66	9.48	9.27	9.23
	Very Large	8.70	9.39	9.39	9.37	9.28	9.27	9.27	9.07	9.06
	Extra Large	8.56	9.18	9.03	8.98	9.03	9.19	8.88	9.04	8.96
	Average	9.85	10.18	10.35	10.18	10.16	10.24	10.17	9.92	9.99
Gas	Very Small	5.063	4.411	3.837	4.378	4.832	4.184	3.773	4.046	5.021
	Small	3.540	2.803	2.861	2.630	3.068	2.549	2.441	2.361	2.692
	Medium	2.586	2.654	2.584	2.339	2.456	2.367	2.254	1.981	2.101
	Large	2.111	2.247	2.165	1.919	1.952	1.894	1.771	1.514	1.584
	Very Large	1.812	2.044	1.875	1.737	1.674	1.668	1.497	1.208	1.270
	Average	2.739	2.820	2.762	2.597	2.652	2.522	2.418	2.232	2.236

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	2014		2015				2016		
		3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter
Electricity	Very Small	14.08	13.96	13.90	13.41	13.19	12.96	12.94	12.76	12.58
	Small	11.76	11.94	12.35	12.10	12.24	12.18	12.18	11.71	12.09
	Small/Medium	10.46	10.72	10.98	10.82	10.96	10.91	10.87	10.56	10.77
	Medium	9.41	9.79	10.08	9.99	10.04	10.05	10.01	9.72	9.88
	Large	9.29	9.69	9.73	9.84	9.60	9.95	9.79	9.67	9.60
	Very Large	8.94	9.55	9.56	9.55	9.48	9.57	9.59	9.44	9.41
	Extra Large	8.72	9.31	9.16	9.13	9.23	9.46	9.15	9.31	9.21
	Average	10.14	10.45	10.62	10.46	10.45	10.59	10.54	10.33	10.39
Gas	Very Small	5.172	4.534	3.975	4.511	4.949	4.311	3.907	4.181	5.134
	Small	3.668	2.927	2.992	2.772	3.198	2.677	2.572	2.499	2.824
	Medium	2.710	2.777	2.711	2.467	2.578	2.489	2.377	2.104	2.218
	Large	2.181	2.331	2.255	2.010	2.024	1.983	1.867	1.596	1.661
	Very Large	1.850	2.096	1.923	1.783	1.716	1.701	1.534	1.235	1.293
	Average	2.830	2.925	2.876	2.708	2.749	2.627	2.529	2.337	2.326

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	0 - 20
Small	20 - 499
Small/Medium	500 - 1,999
Medium	2,000 - 19,999
Large	20,000 - 69,999
Very Large	70,000 - 150,000
Extra Large	>150,000

Gas

Very Small	<278
Small	278 - 2,777
Medium	2,778 - 27,777
Large	27,778 - 277,777
Very Large	277,778 - 1,111,112

The Climate Change Levy (CCL) came into effect in April 2001. From 1 April 2016 the full rate of levy for electricity is 0.559 p/kWh and for gas 0.195 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⁾			Standard grade burning oil ⁽¹⁾	Gas oil ⁽¹⁾⁽²⁾	Crude oil acquired by refineries ⁽³⁾
		Super unleaded	Premium unleaded	Diesel ⁽¹⁾			
		<i>Pence per litre</i>					<i>2010 = 100</i>
2013	January	139.35	131.71	139.46	57.85	68.99	136.7
	February	144.03	136.37	143.90	64.59	74.54	144.8
	March	144.99	137.25	144.61	62.73	72.67	140.9
	April	144.24	136.81	141.27	57.76	69.79	131.6
	May	140.54	132.75	137.95	55.39	67.96	130.5
	June	141.88	134.06	139.26	54.99	68.23	128.3
	July	142.26	134.74	139.62	56.94	70.96	137.3
	August	144.42	136.87	141.63	55.32	70.08	138.8
	September	145.03	137.19	142.33	56.64	71.25	138.2
	October	139.49	131.48	138.76	54.44	67.89	132.9
	November	136.20	129.73	137.30	54.36	67.32	129.6
	December	138.55	130.79	138.77	54.72	67.71	131.8
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	76.9r
	November	125.74	115.88r	118.36r	35.25	46.10	70.2
	December p	..	114.23	117.51	..	..	..

(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	66.90
2016 p	..	..	108.86	110.16	..	..	..

(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 2016

United Kingdom

		Pence per litre						
		Motor spirit				Diesel ⁽²⁾	Standard grade burning oil ⁽³⁾	Gas oil ⁽³⁾
		2 star	4 star/ LRP ⁽⁴⁾	Super unleaded	Premium unleaded ⁽⁶⁾			
1978	January	16.37	16.76	..	..	18.57	8.43	8.48
1979	January	17.09	17.50	..	..	18.42	8.37	8.36
1980	January	25.98	26.39	..	..	27.80	13.07	13.03
1981	January	28.64	29.05	..	..	30.70	15.90	15.80
1982	January	34.28	35.02	..	..	34.89	20.33	19.68
1983	January	35.85	36.70	..	..	37.64	22.71	22.52
1984	January	39.44	40.35	..	..	36.78	19.84	20.31
1985	January	40.71	41.54	..	..	40.59	21.60	22.62
1986	January	40.81	41.63	..	..	41.13	19.48	19.47
1987	January	37.57	38.42	..	..	35.00	13.52	14.70
1988	January	35.98	36.79	..	..	33.94	11.97	12.29
1989	January	36.36	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	101.74r	102.52r	22.81	35.19

(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
(September, October and November 2016)**

Pence per litre ⁽¹⁾									
European unleaded petrol ⁽²⁾ prices on, or about, the fifteenth of the month									
	Price excl tax and duty			Pump price			Tax component (%)		
	September	October	November	September	October	November	September	October	November
Austria	37.1	42.6	37.6	94.5	104.7	96.1	61	59	61
Belgium	36.1	45.1	37.5	106.0	121.3	108.8	66	63	66
Denmark	44.8	50.0	43.8	120.9	132.0	120.7	63	62	64
Finland	38.3	44.9	40.3	115.9	128.9	119.5	67	65	66
France	36.2	42.1	38.5	109.0	120.8	113.1	67	65	66
Germany	39.3	41.9	38.9	112.6	120.4	113.2	65	65	66
Greece	38.9	43.3	40.5	119.4	129.9	122.6	67	67	67
Ireland	36.5	40.6	38.6	108.0	117.5	111.7	66	65	65
Italy	39.0	44.1	41.3	122.7	134.2	126.7	68	67	67
Luxembourg	40.7	46.7	41.6	93.3	103.5	95.1	56	55	56
Netherlands	39.2	43.6	39.3	126.9	137.9	128.5	69	68	69
Portugal	37.4	42.6	38.7	115.7	127.0	118.6	68	66	67
Spain	41.6	46.9	42.9	97.6	107.3	99.9	57	56	57
Sweden	38.2	42.4	37.0	117.5	126.6	115.4	67	66	68
UK	34.7	36.7	38.6	111.2	113.6	115.9	69	68	67
UK Rank in EU 15	1	1	6	7	4	9	14	14	10
Bulgaria	41.1	42.2	41.0	86.2	90.0	86.6	52	53	53
Croatia	37.1	42.6	38.6	100.9	111.4	103.5	63	62	63
Cyprus	40.3	44.4	42.6	97.1	105.6	100.8	59	58	58
Czech Republic	34.9	38.4	36.5	90.8	98.5	93.6	62	61	61
Estonia	39.2	42.3	43.9	89.9	96.6	96.3	56	56	54
Hungary	38.0	43.2	38.5	90.3	102.2	93.4	58	58	59
Latvia	36.9	42.4	40.3	89.9	99.9	94.9	59	58	58
Lithuania	37.9	42.3	39.9	90.2	98.8	93.5	58	57	57
Malta	45.2	47.7	45.3	108.1	114.9	109.2	58	59	59
Poland	38.0	42.6	38.2	86.7	95.3	87.0	56	55	56
Romania	38.7	43.6	39.8	92.8	101.3	94.2	58	57	58
Slovakia	38.1	41.7	38.7	103.6	111.9	105.3	63	63	63
Slovenia	36.4	39.9	38.6	102.5	110.9	106.3	65	64	64
UK Rank in EU 28	1	1	9	20	16	22	27	27	23

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
(September, October and November 2016)**

Pence per litre⁽¹⁾

European diesel prices on, or about, the fifteenth of the month									
	Price excl tax and duty			Pump price			Tax component (%)		
	September	October	November	September	October	November	September	October	November
Austria	39.5	45.2	41.0	89.0	98.7	91.4	56	54	55
Belgium	38.1	46.5	39.4	96.9	110.7	99.4	61	58	60
Denmark	45.1	52.2	46.5	100.6	112.6	103.1	55	54	55
Finland	39.5	46.9	45.0	100.6	113.6	108.4	61	59	58
France	35.0	41.3	37.5	93.8	105.0	97.6	63	61	62
Germany	39.4	43.4	40.5	94.2	102.3	96.3	58	58	58
Greece	46.7	51.4	48.8	93.3	101.9	96.7	50	50	50
Ireland	38.8	43.8	40.9	99.6	109.4	103.1	61	60	60
Italy	37.8	42.8	40.2	109.7	120.4	113.8	66	64	65
Luxembourg	38.1	45.3	41.5	77.7	88.5	82.3	51	49	50
Netherlands	39.2	44.9	41.2	97.8	108.2	101.1	60	59	59
Portugal	39.5	45.7	41.8	96.0	107.0	99.7	59	57	58
Spain	40.7	46.5	42.4	86.8	96.6	89.6	53	52	53
Sweden	41.8	48.4	42.6	113.9	125.6	114.4	63	61	63
UK	36.4	38.4	40.7	113.2	115.6	118.4	68	67	66
UK Rank in EU 15	2	1	5	14	13	15	15	15	15
Bulgaria	39.7	43.1	42.1	81.1	87.5	84.6	51	51	50
Croatia	39.5	45.5	41.4	92.6	102.9	95.5	57	56	57
Cyprus	42.2	46.9	45.3	96.5	105.5	101.0	56	55	55
Czech Republic	37.5	41.7	40.1	86.8	94.9	90.7	57	56	56
Estonia	41.5	43.6	46.0	89.6	94.9	95.7	54	54	52
Hungary	40.8	47.4	42.1	90.5	105.8	96.3	55	55	56
Latvia	37.8	44.2	41.3	81.4	91.7	86.3	54	52	52
Lithuania	40.3	44.4	41.9	82.5	89.9	85.1	51	51	51
Malta	43.1	44.7	42.5	98.0	103.2	98.0	56	57	57
Poland	39.0	44.1	40.1	82.9	91.8	84.3	53	52	52
Romania	41.5	45.7	41.8	93.0	100.6	93.4	55	55	55
Slovakia	40.3	45.1	42.2	89.5	98.2	92.5	55	54	54
Slovenia	35.7	39.2	37.7	93.9	101.7	97.3	62	62	61
UK Rank in EU 28	3	1	8	27	26	28	28	28	28

Source: European Commission Oil Bulletin

Table 5.3.1 Industrial electricity prices in the IEA

Pence per kWh⁽¹⁾

	Electricity									
	Excluding taxes					Including taxes ⁽²⁾				
	2005	2010	2013	2014	2015	2005	2010	2013	2014	2015
EU 15										
Austria	4.24	7.25	7.15	6.22	5.09	5.60	8.86	9.04	8.20	7.11
Belgium	..	7.17	6.86	6.44	5.73	..	8.06	8.21	7.77	7.00
Denmark	4.39	6.75	6.74	6.14	5.57	5.10	7.41	7.66	6.18	5.61
Finland	3.56	5.92	6.23	5.78	5.02	3.87	6.14	6.83	6.34	5.53
France	2.43	6.18	6.61	6.06	5.59	2.74	6.92	8.07	7.64	7.21
Germany ⁽³⁾	4.62	6.82	6.59	5.64	5.05	4.62	8.79	10.84	10.63	9.49
Greece ⁽³⁾	3.69	6.37	7.41	7.03	6.00	3.69	7.37	9.09	8.66	6.89
Ireland	5.47	8.88	11.10	10.10	8.66	5.47	8.88	11.10	10.10	8.66
Italy	7.52	12.89	13.14	11.96	9.84	9.57	16.71	20.60	19.89	17.23
Luxembourg	..	6.87	6.46	5.46	4.08	..	7.44	6.83	6.00	4.70
Netherlands ⁽³⁾	..	6.58	6.29	5.79	4.83	..	7.52	7.22	7.16	5.79
Portugal	5.39	7.79	9.65	9.38	8.25	5.39	7.79	9.74	9.46	8.33
Spain	4.36	8.12	+	+	+	4.59	8.54	+	+	+
Sweden	..	6.19	5.74	4.92	3.81	..	6.23	5.79	4.96	3.85
UK	4.56	7.57	8.65	9.13	9.25r	4.77	7.84	8.89	9.38	9.50r
Rest of IEA										
Australia	..	..	..	..	..	..	..	..	..	..
Canada	2.71	4.33	5.81	4.84	4.37	3.04	4.73	6.17	5.18	4.95
Czech Republic	4.43	9.22	9.43	7.37	6.31	4.43	9.32	9.53	7.46	6.39
Hungary	5.21	8.40	7.96	6.86	5.88r	5.26	8.59	8.49	7.48	6.52r
Japan	6.23	9.24	10.90	10.43	9.61	6.43	9.52	11.15	10.65	9.81
Korea	..	..	..	..	..	3.24	3.66	-	-	-
New Zealand	3.38	4.64	6.08	6.07	-	3.38	4.64	6.08	6.07	-
Norway	1.91	3.82	3.52	2.65	1.85	1.91	3.82	3.52	2.65	1.85
Poland	3.51	7.36	6.60	5.68	5.52	3.85	7.79	7.01	6.07	5.87
Slovakia	6.08	10.95	11.46	9.52	8.46	6.08	10.95	11.58	9.63	8.56
Switzerland	4.43	6.99	8.17	7.42	7.26	4.43	7.27	8.48	7.81	8.01
Turkey	4.77	7.96	7.64	6.47	5.97	4.96	8.28	7.95	6.73	6.21
USA ⁽⁴⁾	3.00	4.19	4.17	4.11	-	3.15	4.40	4.38	4.31	4.51
IEA median	4.41	7.08	7.01	6.33	5.66	4.59	7.79	8.21	7.48	6.52
UK relative to:										
IEA median%	+3.3	+7.0	+23.4	+44.2	+63.3	+4.0	+0.7	+8.3	+25.3	+45.6
IEA rank	14	17	19	21	24	14	16	17	21	25
G7 rank	4	5	5	5	5	5	4	4	4	5

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 taxes)**

Pence per kWh⁽²⁾

	Jan 13 - June 13	July 13 - Dec 13	Jan 14 - June 14	July 14 - Dec 14	Jan 15 - June 15	July 15 - Dec 15	Jan 16 - June 16
Austria	6.58r	6.54	6.04	5.57	4.74	4.68	4.70
Belgium ⁽⁷⁾	6.66	7.05	6.62	6.28	5.70	5.76	5.84
Denmark	5.58	5.41	5.35	5.20	4.44	4.27	4.67
Finland	5.45	5.48	5.14	4.99	4.33	4.40	4.52
France	5.79	4.96	5.44	4.89	4.91	4.64	4.88r
Germany	6.43	6.73	5.91	5.65	5.02	5.07	5.22
Greece	7.44	7.37	7.32	6.77	6.00	6.00	5.68r
Ireland	9.65	9.65	9.16	8.53	7.92	7.41	7.25
Italy ⁽⁷⁾	8.67	8.82	7.78	7.72	6.37	6.08	6.03r
Luxembourg	6.13	5.97	5.23	5.18	4.07	4.02	3.99
Netherlands	6.47r	6.37r	5.87r	5.68r	4.92r	4.75	4.77r
Portugal	7.76	8.21	7.31	7.05	6.60	6.53	6.66r
Spain	8.47	8.71	8.11	7.75	6.74	6.54	6.68r
Sweden	5.82	5.65	5.17	4.69	3.95	3.66	4.09r
UK	8.72	9.11	9.38	9.33	9.77	9.72	9.46
EU 15 Median ⁽⁴⁾	6.58	6.73	6.04	5.68	5.02	5.07	5.22
UK relative to:							
EU 15 Median(%)	+32.6	+35.4	+55.4	+64.2	+94.5	+91.6	+81.1
EU 15 Rank	14	14	15	15	15	15	15
Bulgaria	5.88	5.26	5.49	5.30	4.46	4.97	5.87
Croatia	6.85	6.52	6.31	5.83	5.45	5.45	5.70
Cyprus	15.97	15.39	12.81	13.21	8.62	8.28	6.37r
Czech Republic	8.18	8.00	6.36	6.02	5.18	5.10	4.89
Estonia	6.58	6.49	5.90	5.77	5.01	5.43	5.19
Hungary	7.46	7.59	6.66	6.32	5.59	5.52	5.35
Latvia	7.39	6.75	6.63	6.33	5.95	5.79	6.27
Lithuania	7.78	7.28	7.88	7.61	5.40	5.29	5.25
Malta	13.53	13.14	12.89	12.50	10.34	8.92	9.51
Poland	6.36	5.98	5.39	5.26	5.26	5.07	5.22
Romania	6.47	5.98	5.47	5.02	4.58	4.30r	4.33r
Slovakia	9.69	9.36	8.15	7.98	7.06	6.77	7.19
Slovenia	6.30	6.24	5.52	5.25	4.61	4.54	4.62
EU 28 Median ⁽⁴⁾	6.76	6.74	6.33	5.93	5.33	5.36	5.30
UK relative to:							
EU 28 Median(%)	+29.1	+35.2	+48.1	+57.4	+83.1	+81.5	+78.4
EU 28 Rank	24	24	26	26	27	28	27

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) There is no tax.

**Table 5.4.2 Industrial electricity prices in the EU for medium consumers⁽¹⁾
(Including taxes)⁽⁵⁾**

	Pence per kWh ⁽²⁾						
	Jan 13 - June 13	July 13 - Dec 13	Jan 14 - June 14	July 14 - Dec 14	Jan 15 - June 15	July 15 - Dec 15	Jan 16 - June 16
Austria	8.37	8.31	7.88	7.42	6.57	6.54	6.70
Belgium	7.93	8.48	7.87	7.70	7.00	6.99	7.37
Denmark	8.52	8.24	7.69	7.62	6.57	6.51	7.33
Finland	6.06	6.08	5.72	5.55	4.85	4.90	5.06
France	7.10	6.30	6.94	6.35	6.46	6.09	6.50r
Germany	10.87	10.79	11.30	10.49	9.63	9.36	10.00
Greece	9.09	9.07	8.93	8.42	7.34	6.46	6.99r
Ireland	9.86	9.87	9.51	8.99	8.52	8.02	7.93
Italy	13.08	13.49	12.51	12.59	10.90	10.69	10.95r
Luxembourg	6.35	6.13	5.38	5.33	4.68	4.20	4.20
Netherlands	7.51r	7.33r	6.93r	6.51r	5.98	5.74r	6.03r
Portugal	8.86	8.69	8.29	7.99	7.55	7.48	7.94r
Spain	8.90	9.15	8.53	8.14	7.09	6.87	7.02r
Sweden	5.87	5.70	5.21	4.73	3.99	3.71	4.13r
UK	9.03	9.35	9.63	9.61	10.04	10.04	9.87
EU 15 Median ⁽⁴⁾	8.52	8.48	7.88	7.70	7.00	6.54	7.02
UK relative to:							
EU 15 Median(%)	+6.0	+10.3	+22.2	+24.8	+43.4	+53.5	+40.6
EU 15 Rank	11	12	13	13	14	14	13
Bulgaria	5.96	5.34	5.58	5.39	4.54	5.04	5.95
Croatia	6.90	6.77	6.69	6.19	5.79	5.79	6.06
Cyprus	16.61	16.08	13.44	13.79	9.19	8.95	7.10r
Czech Republic	8.27	8.10	6.45	6.10	5.26	5.18	4.97
Estonia	7.70	7.61	6.90	6.73	6.00	6.39	6.29
Hungary	7.97	8.15	7.30	6.92	6.24	6.15	5.94
Latvia ⁽⁶⁾	8.88	9.03	8.83	8.45	7.91	7.71	8.36
Lithuania	10.11	9.61	9.56	9.26	6.63	6.50	6.51
Malta ⁽⁶⁾	13.53	13.14	12.89	12.50	10.34	8.92	9.51
Poland	6.77	6.38	5.78	5.64	5.62	5.41	5.58
Romania ⁽⁶⁾	6.47	5.98	6.46	5.78	5.48	5.17r	5.32r
Slovakia	10.07	9.74	8.52	8.33	7.39	7.10	7.54
Slovenia	7.35	7.14	6.27	5.97	5.29	5.42	5.54
EU 28 Median ⁽⁴⁾	8.32	8.27	7.78	7.52	6.57	6.48	6.60
UK relative to:							
EU 28 Median(%)	+8.5	+13.0	+23.9	+27.8	+52.8	+55.0	+49.5
EU 28 Rank	20	21	24	24	26	27	26

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.

Table 5.5.1 Domestic electricity prices in the IEA

 Pence per kWh⁽¹⁾

	Electricity									
	Excluding taxes					Including taxes ⁽²⁾				
	2005	2010	2013	2014	2015	2005	2010	2013	2014	2015
EU 15										
Austria	6.55	12.09	11.90	10.66	9.17	9.59	16.68	17.41	16.20	14.49
Belgium	..	10.92	12.23	11.94	11.32	..	15.00	16.89	14.80	14.85
Denmark	6.85	10.15	10.83	10.58	9.44	16.20	23.07	25.21	24.47	22.07
Finland	4.94	8.51	9.00	8.32	7.28	6.65	11.36	12.95	12.22	11.05
France	5.85	7.80	8.41	8.40	7.81	7.79	10.70	12.38	12.57	11.88
Germany ⁽³⁾	10.08	11.80	12.67	11.57	10.37	11.69	20.64	24.82	23.97	21.40
Greece ⁽³⁾	5.67	8.29	10.04	9.74	8.85	6.17	10.26	13.85	14.30	12.84
Ireland	9.37	13.27	16.51	16.32	14.55	10.60	15.06	18.74	18.52	16.51
Italy	8.20	12.60	13.01	11.85	10.18	10.87	17.04	19.56	18.62	16.88
Luxembourg	8.96	11.45	11.53	10.90	9.21	10.27	13.95	13.34	13.34	12.34
Netherlands	7.52	11.59	12.64	11.58	9.97	12.99	14.32	16.47	15.32	13.54
Portugal	9.41	13.21	14.47	14.30	13.39	9.88	13.93	17.90	17.69	16.56
Spain	6.93	12.88	+	+	+	8.45	15.97	+	+	+
Sweden	..	8.90	9.25	7.96	6.77	..	14.11	14.95	13.02	11.16
UK	7.88	11.29	14.02	14.82	14.77	8.27	11.85	14.72	15.56	15.51
Rest of IEA										
Australia	..	..	..	..	..	..	..	..	..	..
Canada	3.75	5.56	6.24	5.67	6.30	4.16	6.04	6.65	6.06	7.01
Czech Republic	4.88	9.91	10.77	8.66	7.84	5.81	12.01	13.16	10.59	9.59
Hungary	6.49	11.24	8.90	7.56	6.60	8.04	14.15	11.65	9.60	8.38
Japan	9.69	14.04	15.25	14.14	13.43	10.39	15.03	16.27	15.37	14.72
Korea	..	..	..	..	..	4.89	5.39	6.49	6.69	6.72
New Zealand	6.65	10.08	12.59	12.46	11.15r	7.48	11.40	14.48	14.33	12.83r
Norway	4.53	7.93	6.34	4.98	3.82	6.71	11.38	9.50	7.72	6.18
Poland	5.11	9.08	9.81	9.10	8.36	6.65	11.60	12.56	11.66	10.71
Slovakia	8.33	11.59	12.70	10.82	9.34	9.92	13.79	15.24	12.98	11.20
Switzerland	7.11	10.55	11.76	11.36	11.73	7.64	11.65	13.04	12.70	13.47
Turkey	5.09	9.36	9.54	8.08	7.46	6.49	11.92	12.15	10.29	9.50
USA ⁽⁴⁾	4.95	7.14	7.39	7.24	-	5.20	7.50	7.76	7.60	8.29
IEA median	6.75	10.74	11.64	10.74	9.27	8.04	13.79	14.48	13.34	12.83
<u>UK relative to:</u>										
IEA median%	+16.7	+5.1	+20.4	+38.0	+59.3	+2.9	-14.0	+1.6	+16.7	+20.9
IEA rank	17	16	22	24	26	14	11	15	20	21
G7 rank	4	4	6	7	7	4	4	4	5	5

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 taxes)**

Pence per kWh⁽²⁾

	Jan 13 - June 13	Jul 13 - Dec 13	Jan 14 - June 14	July 14 - Dec 14	Jan 15 - June 15	July 15 - Dec 15	Jan 16 - June 16
Austria	12.02	11.54	10.85	10.24	9.23	8.92	9.67
Belgium	13.47	13.91	13.74	13.28	13.30	13.26	12.20r
Denmark	9.05	8.65	8.52	7.99	7.26	6.76	7.33
Finland	9.38	9.21	8.79	8.31	7.51	7.26	7.92
France	8.94r	9.37	8.74	8.66	7.81	7.97	8.46r
Germany	12.70	12.62	11.78	11.40	10.48	10.27	10.81
Greece	9.95	10.11	9.89	9.62	8.87	8.83	9.31r
Ireland	16.60	17.17	16.49	16.50	14.42	14.33	14.66
Italy ⁽⁶⁾	12.75	12.72	12.64	11.62	11.03	10.64	11.23r
Luxembourg	12.31	12.11	11.75	11.32	9.74	9.58	10.33
Netherlands	11.40r	11.68r	10.88r	10.49r	9.41r	8.91r	9.39r
Portugal	10.30	10.54	10.41	10.30	8.42	8.30	9.65
Spain	14.91	15.15	13.98	14.73	13.29	13.41	13.37r
Sweden	11.56	11.20	10.38	9.45	8.66	8.65	9.48r
UK	14.11	14.51	15.00	15.17	14.82	14.96	14.47
EU 15 Median ⁽⁴⁾	12.02	11.68	10.88	10.49	9.41	8.92	9.67
UK relative to:							
EU 15 Median(%)	+17.3	+24.2	+37.8	+44.6	+57.5	+67.8	+49.7
EU 15 Rank	13	13	14	14	15	15	14
Bulgaria	6.56	6.23	5.66	5.90	5.75	5.74	6.20
Croatia	9.28	8.99	8.25	8.02	7.38	7.22	7.80
Cyprus	19.37	17.19	15.28	15.16	11.52	10.53	9.30r
Czech Republic	11.72r	11.43r	9.34r	8.93r	8.30r	8.30r	9.04r
Estonia	8.46	8.54	7.94	7.77	6.96	6.84	7.28
Hungary	9.03	8.64	7.77	7.14	6.49	6.49	6.83
Latvia	8.20	7.23	7.06	6.76	7.93	7.89	8.38
Lithuania	7.32	7.44	7.33	6.99	6.40	6.21	6.69
Malta	13.49	13.64	11.53	9.41	8.76	8.70	9.32
Poland	9.83	9.50	9.09	8.68	8.24	7.95	8.07
Romania	7.57	7.60	7.47	7.17	6.79	6.75	7.13r
Slovakia	11.78	11.58	10.05	9.79	8.95	8.87	8.98
Slovenia	10.01	9.97	9.46	9.11	8.22	8.10	8.66
EU 28 Median ⁽⁴⁾	10.85	10.87	9.97	9.43	8.54	8.47	9.14
UK relative to:							
EU 28 Median(%)	+30.0	+33.5	+50.4	+60.9	+73.5	+76.6	+58.3
EU 28 Rank	25	25	26	27	28	28	27

Source: Eurostat Statistics in Focus

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

(6) Some ex-tax data is missing

**Table 5.6.2 Domestic electricity prices in the EU for medium consumers⁽¹⁾
(Including Taxes)⁽⁵⁾**

Pence per kWh⁽²⁾

	Jan 13 - June 13	Jul 13 - Dec 13	Jan 14 - June 14	July 14 - Dec 14	Jan 15 - June 15	July 15 - Dec 15	Jan 16 - June 16
Austria	17.71	17.11	16.60	15.72	14.71	14.27	15.83
Belgium	18.49	18.78	17.22	16.17	15.56	16.93	19.81r
Denmark	25.53	24.89	24.98	24.02	22.46	21.89	24.04
Finland	13.43	13.22	12.84	12.17	11.36	11.01	12.00
France	12.97r	13.53	13.02	12.82	11.89	12.05	13.12r
Germany	24.84	24.76	24.48	23.54	21.60	21.20	23.11
Greece	13.30	14.39	14.51	14.13	12.94	12.74	13.70r
Ireland	19.53	20.39	19.77	20.07	17.76	17.66	17.95
Italy	19.50	19.69	20.09	18.50	17.94	17.47	18.79r
Luxembourg	14.17	13.95	14.27	13.75	12.94	12.72	13.22
Netherlands	16.15r	16.15r	15.12r	14.25r	14.54r	13.28r	12.61r
Portugal	17.71	18.06	17.86	17.66	16.68	16.44	18.30
Spain	18.96	19.27	17.78	18.73	16.90	17.06	17.01r
Sweden	17.88	17.34	16.15	14.78	13.55	13.49	14.75r
UK	14.81	15.23	15.75	15.93	15.56	15.71	15.19
EU 15 Median ⁽⁴⁾	17.71	17.34	16.60	15.93	15.56	15.71	15.83
UK relative to:							
EU 15 Median(%)	-16.4	-12.2	-5.1	0.0	0.0	0.0	-4.1
EU 15 Rank	5	5	6	8	8	8	7
Bulgaria	7.86	7.48	6.83	7.08	6.90	6.89	7.44
Croatia	11.67	11.44	10.77	10.48	9.64	9.44	10.21
Cyprus	23.48	21.03	18.81	18.65	14.33	13.23	11.89r
Czech Republic	14.30r	13.94r	11.40r	10.91r	10.14r	10.13r	11.05r
Estonia	11.49	11.59	10.73	10.49	9.53	9.29	9.40
Hungary	11.89	11.24	9.87	9.07	8.25	8.24	8.67
Latvia	11.72	11.51	11.21	10.30	11.97	11.87	12.67
Lithuania	11.66	11.79	10.92	10.44	9.19	8.95	9.58
Malta	14.16	14.32	12.10	9.88	9.20	9.13	9.79
Poland	12.59	12.18	11.67	11.14	10.57	10.20	10.37
Romania	11.26	10.84	10.59	9.88	9.54	9.49	9.83r
Slovakia	14.45	14.22	12.38	12.05	11.02	10.92	11.08
Slovenia	13.70	14.05	13.39	12.92	11.63	11.74	12.60
EU 28 Median ⁽⁴⁾	14.23	14.27	13.83	13.33	12.45	12.38	12.64
UK relative to:							
EU 28 Median(%)	+4.1	+6.7	+13.9	+19.5	+24.9	+26.8	+20.1
EU 28 Rank	17	17	18	20	21	21	20

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

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

Table 5.7.1 Industrial gas prices in the IEA

 Pence per kWh⁽¹⁾

	Gas									
	Excluding taxes					Including taxes ⁽²⁾				
	2005	2010	2013	2014	2015	2005	2010	2013	2014	2015
EU 15										
Austria	..	2.78	2.57	2.19	2.09	..	3.01	3.13	2.79	2.74
Belgium	..	1.92	2.48	2.10	1.76	..	1.98	2.55	2.17	1.85
Denmark ⁽³⁾	..	2.32	2.87	2.18	+	..	3.21	3.79	2.97	+
Finland	0.78	1.79	2.68	2.41	1.69	0.90	1.95	3.56	3.24	2.70
France	1.50	2.57	3.19	2.86	2.46	1.56	2.70	3.32	2.98	2.65
Germany	1.61	2.67	2.85	2.38	1.94	1.89	3.01	3.19	2.71	2.23
Greece	1.48	2.88	3.45	3.00	2.02	1.48	2.88	3.90	3.43	2.42
Ireland	1.77	2.22	3.00	2.65	2.08	1.77	2.40	3.31	2.95	2.35
Italy ⁽³⁾	1.44	2.34	3.10	2.70	+	1.67	2.69	3.36	2.92	+
Luxembourg	..	2.46	3.38	2.68	2.73	..	2.50	3.43	2.72	2.77
Netherlands	..	2.05	2.45	2.17	1.79	..	2.23	2.67	2.49	2.07
Portugal	1.61	2.61	3.47	3.54	2.81	1.61	2.61	3.57	3.63	2.89
Spain	1.20	2.17	2.89	2.65	2.14	1.20	2.17	2.93	2.70	2.17
Sweden	..	3.09	3.30	2.63	2.27	..	3.63	4.08	3.33	2.91
UK	1.36	1.78	2.61	2.37	2.11	1.41	1.83	2.68	2.43	2.18
Rest of IEA										
Australia	..	..	..	..	..	..	..	..	..	..
Canada	1.29	0.85	0.84	0.92	0.63	1.29	0.85	0.84	0.92	0.63
Czech Republic	1.38	2.85	2.93	2.51	2.12	1.38	2.95	3.03	2.60	2.20
Hungary	1.58	2.29	2.84	3.03	2.17	1.63	2.38	2.92	3.11	2.24
Japan	1.81	3.36	4.39	4.06	2.89r	1.81	3.36	4.39	4.06	2.89r
Korea ⁽⁴⁾	1.65	2.98	3.77	3.78	+	1.86	3.40	4.30	4.30	3.48
New Zealand	0.99	1.27	1.42	1.26	1.08	1.05	1.35	1.51	1.35	1.16
Norway	..	..	..	..	..	..	..	..	..	..
Poland	1.06	2.53	2.71	2.64	2.06	1.06	2.53	2.71	2.66	2.08
Slovakia	1.74	2.86	3.05	2.57	2.28	1.74	2.98	3.16	2.68	2.37
Switzerland	1.89	3.26	4.16	3.73	3.55	1.90	3.69	4.62	4.46	4.30
Turkey	1.14	1.83	2.29	1.93	1.76	1.22	1.92	2.36	1.99	1.81
USA ⁽⁵⁾	1.46	1.10	0.93	1.06	0.79	1.54	1.15	0.98	1.11	0.83
IEA median	1.47	2.40	2.88	2.60	2.10	1.55	2.57	3.18	2.75	2.36
<u>UK relative to:</u>										
IEA median%	-7.4	-25.8	-9.1	-9.0	+0.6	-8.8	-28.8	-15.6	-11.6	-7.8
IEA rank	7	4	8	9	14	8	4	7	6	9
G7 rank	2	3	3	3	4	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 taxes)**

Pence per kWh⁽²⁾

	Jan 13 - June 13	July 13 - Dec 13	Jan 14 - June 14	July 14 - Dec 14	Jan 15 - June 15	July 15 - Dec 15	Jan 16 - June 16
Austria	2.97	2.92	2.79	2.64	2.24	2.12	2.18
Belgium	3.28	2.79	2.49	2.18	2.02	1.90	1.86
Denmark	2.94	2.80	2.24	2.09	2.02	1.81	1.52
Finland	3.25	3.09	2.97	2.88	2.25	2.04	2.00
France	3.38	3.19	3.06	2.85	2.52	2.40	2.22
Germany	3.72	3.72	3.36	2.86	2.60	2.42	2.33
Greece	4.06	3.83	3.58	3.24	2.62	2.18	1.86r
Ireland	3.31	3.71	3.09	3.01	2.66	2.41	2.25
Italy	3.23	2.98	2.83	2.56	2.40	2.16	2.24r
Luxembourg	4.30	3.77	3.46	3.07	2.82	2.58	2.66
Netherlands	2.57r	2.57r	2.40r	2.30r	2.00r	1.83	1.76r
Portugal	3.51	3.49	3.44	3.46	3.01	2.69	2.59
Spain	3.26	3.15	3.02	2.92	2.52r	2.24	2.15r
Sweden	3.92	3.86	3.37	2.82	2.64	2.38	2.22r
UK	2.87	2.91	2.91	2.62	2.48	2.40	2.14
EU 15 Median ⁽⁴⁾	3.28	3.15	3.02	2.85	2.52	2.24	2.18
UK relative to:							
EU 15 Median(%)	-12.6	-7.5	-3.7	-7.9	-1.4	+7.2	-1.9
EU 15 Rank	2	4	6	5	7	11	6
Bulgaria	3.03	2.97	2.81	2.62	2.27	1.87	1.71
Croatia	3.89	3.56	3.37	3.14	2.82	2.49	2.52
Cyprus	..	..	..	..	..	..	..
Czech Republic	2.76	2.71	2.50	2.32	2.09	2.03	1.95
Estonia	3.04	2.84	2.78	2.80	2.50	1.81	2.13
Hungary	3.35	3.93	3.16	2.96	2.56	2.31	2.33
Latvia	3.04	3.00	2.73	2.70	2.41	1.99	1.95
Lithuania	3.75	3.46	3.40	2.96	2.05	1.57	2.09
Malta	..	..	..	..	..	..	..
Poland	3.08	3.07	3.04	2.84	2.70	2.39	2.06
Romania	1.76	1.76	1.75	1.67	1.51	1.46	1.51r
Slovakia	3.03	3.17	2.93	2.87	2.45	2.40	2.27
Slovenia	3.79	3.66	3.15	3.05	2.35	2.35	2.29
EU 28 Median ⁽⁴⁾	3.25	3.12	3.00	2.84	2.47	2.21	2.14
UK relative to:							
EU 28 Median(%)	-11.9	-6.7	-2.9	-7.7	+0.7	+8.7	-0.1
EU 28 Rank	4	7	11	8	14	21	13

Source: Eurostat Statistics in Focus

(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) There is no tax.

**Table 5.8.2 Industrial gas prices in the EU for medium consumers⁽¹⁾
(Including taxes)⁽⁵⁾**

Pence per kWh⁽²⁾

	Jan 13 - June 13	July 13 - Dec 13	Jan 14 - June 14	July 14 - Dec 14	Jan 15 - June 15	July 15 - Dec 15	Jan 16 - June 16
Austria	3.72	3.63	3.50	3.17	2.90	2.72	2.75
Belgium	3.39	2.91	2.58	2.32	2.15	2.06	2.00
Denmark	3.88	3.73	3.08	2.93	2.70	2.47	2.23
Finland	4.13	3.97	3.82	3.70	3.27	3.04	3.23
France	3.47	3.29	3.17	3.00	2.76	2.64	2.59r
Germany	4.07	4.06	3.69	3.18	2.89	2.71	2.64
Greece	4.55	4.31	4.04	3.69	3.04	2.59	2.30r
Ireland	3.61	4.02	3.39	3.30	2.92	2.66	2.55
Italy	3.54	3.19	3.11	2.73	2.59	2.30	2.43r
Luxembourg	4.33	3.81	3.50	3.12	2.89	2.68	2.74
Netherlands	3.54r	2.95r	3.37r	2.66r	2.85r	2.31r	2.99r
Portugal	3.57	3.56	3.51	3.51	3.05	2.73	2.65
Spain ⁽⁶⁾	3.31	3.19	3.07	2.96	2.56r	2.28	2.19
Sweden	4.71	4.63	4.10	3.49	3.29	3.01	2.91
UK	2.99	3.03	3.04	2.75	2.61	2.53	2.26
EU 15 Median ⁽⁴⁾	3.61	3.63	3.39	3.12	2.89	2.64	2.59
<u>UK relative to:</u>							
EU 15 Median(%)	-17.2	-16.4	-10.3	-11.8	-9.6	-4.3	-12.7
EU 15 Rank	1	3	2	4	4	6	4
Bulgaria	3.05	2.98	2.89	2.70	2.35	1.94	1.79
Croatia ⁽⁶⁾	3.89	3.60	3.41	3.18	2.85	2.52	2.55
Cyprus	..	..	..	..	..	..	..
Czech Republic	2.86	2.81	2.59	2.41	2.17	2.12	2.04
Estonia	3.20	2.99	2.90	2.92	2.64	1.95	2.40
Hungary	3.52	4.05	3.27	3.08	2.69	2.43	2.47
Latvia	3.19	3.14	2.87	2.82	2.54	2.12	2.08
Lithuania ⁽⁶⁾	3.75	3.46	3.40	2.96	2.05	1.57	2.09
Malta	..	..	..	..	..	..	..
Poland	3.08	3.09	3.09	2.88	2.74	2.43	2.10
Romania	2.38	2.44	2.46	2.43	2.20	2.09	2.17
Slovakia	3.14	3.28	3.04	2.98	2.54	2.49	2.38
Slovenia	4.20	4.07	3.54	3.46	2.69	2.74	2.69
EU 28 Median ⁽⁴⁾	3.54	3.38	3.22	2.97	2.69	2.48	2.42
<u>UK relative to:</u>							
EU 28 Median(%)	-15.6	-10.1	-5.7	-7.4	-3.0	+1.8	-6.3
EU 28 Rank	3	7	7	7	10	16	10

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

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

Table 5.9.1 Domestic gas prices in the IEA

 Pence per kWh⁽¹⁾

	Gas									
	Excluding taxes					Including taxes ⁽²⁾				
	2005	2010	2013	2014	2015	2005	2010	2013	2014	2015
EU 15										
Austria	2.47	3.88	5.22	4.83	4.21	3.45	5.27	7.05	6.53	5.72
Belgium	..	3.86	4.45	4.08	3.47	..	4.86	5.64	5.26	4.37
Denmark	2.97	3.99	3.65	2.82	2.46	5.92	8.07	8.32	7.16	5.73
Finland ⁽³⁾	1.04	2.09	2.50	2.24	-	1.41	2.76	4.18	3.75	-
France	2.38	4.03	4.78	4.43	3.90	2.79	4.81	5.74	5.43	4.88
Germany	2.77	4.11	4.62	4.38	3.91	3.65	5.46	6.06	5.74	5.13
Greece	2.61	5.47	8.13	7.07	6.13	2.84	6.04	9.70	8.48	7.37
Ireland	2.74	4.04	5.16	5.09	4.37	3.11	4.78	6.21	6.10	5.27
Italy ⁽⁴⁾	2.42	3.80	5.03	4.66	4.11	3.90	6.09	7.56	7.03	6.33
Luxembourg	2.13	3.45	4.67	3.87	3.18	2.26	3.75	5.05	4.20	3.52
Netherlands	2.47	3.25	3.85	3.57	2.99	3.79	5.57	6.64	6.22	5.37
Portugal	4.34	4.97	6.02	6.37	5.62	4.56	5.24	7.52	7.94	7.11
Spain	2.79	4.09	5.71	5.77	5.15r	3.24	4.78	7.15	7.21	6.43r
Sweden	..	5.22	5.73	5.14	4.56	..	8.85	10.42	9.34	8.36
UK	2.04	3.49	4.61r	4.90r	4.61r	2.14	3.66	4.84r	5.14r	4.84r
Rest of IEA										
Australia	..	..	..	..	..	..	..	..	..	..
Canada	1.86	2.28	2.06	2.03	1.67r	1.99	2.40	2.16	2.13	1.76r
Czech Republic	1.71	3.70	4.44	3.86	3.62	2.03	4.44	5.37	4.67	4.38
Hungary	1.01	2.87	2.90	2.34	2.05	1.16	3.59	3.68	2.97	2.61
Japan	5.61	8.76	8.91	8.04	6.86r	5.89	9.20	9.35	8.69	7.41r
Korea	..	..	..	..	..	2.50	3.65	4.38	4.61	3.81
New Zealand	3.20	4.84	6.12	5.71	5.19	3.67	5.57	7.15	6.67	6.06
Norway	..	..	..	..	..	..	..	..	..	..
Poland	1.72	3.53	3.54	3.58	3.17	2.10	4.30	4.36	4.41	3.90
Slovakia	2.13	3.29	3.77	3.58	3.16	2.54	3.92	4.52	4.29	3.80
Switzerland	2.93	4.83	5.96	5.60	5.34	3.17	5.66	6.94	6.84	6.58
Turkey	1.45	2.48	2.86	2.45	2.26	1.71	2.93	3.37	2.89	2.67
USA ⁽⁵⁾	2.22	2.28	2.07	2.09	2.46	2.33	2.39	2.18	2.19	2.24
IEA median	2.42	3.86	4.62	4.38	3.90	2.82	4.80	5.90	5.59	5.01
UK relative to:										
IEA median%	-15.9	-9.6	-0.4	11.6	+18.1	-24.1	-23.6	-18.0	-8.0	-3.3
IEA rank	7	9	12	17	19	7	7	9	11	12
G7 rank	2	3	3	6	6	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 taxes)**

Pence per kWh⁽²⁾

	Jan 13 - June 13	July 13 - Dec 13	Jan 14- June 14	July 14 - Dec 14	Jan 15 - June 15	July 15 - Dec 15	Jan 16 - June 16
Austria	4.85	4.74	4.55	4.27	3.94	3.76	3.94
Belgium	4.45	4.43	4.21	3.97	3.50	3.44	3.23
Denmark ⁽⁴⁾	3.75	3.63	3.00	2.69	2.61	2.35	2.23
Finland	..	..	..	..	..	..	..
France	4.81	5.14	4.77	4.96	4.10	4.19	3.91
Germany	4.22	4.40	4.19	4.06	3.72	3.69	3.86
Greece	5.33	6.17	4.79	5.12	3.99	4.36	3.44
Ireland	4.63	5.08	4.62	4.90	4.07	4.33	4.19
Italy	4.80	5.26	4.37	4.96	3.69	4.20	3.69r
Luxembourg	4.80	4.30	3.93	3.62	3.18	2.98	3.06
Netherlands	3.92r	4.41r	3.72r	3.79r	3.09r	3.31r	2.92r
Portugal	5.59	6.13	5.86	6.34	5.52	5.46	5.43
Spain	4.95	6.05	4.91	6.09	4.25	5.52r	4.18r
Sweden	5.71	5.74	5.35	4.95	4.48	4.64	4.74r
UK	4.30	4.74	4.69	4.87	4.43	4.58	4.10
EU 15 Median ⁽⁵⁾	4.80	4.91	4.58	4.88	3.97	4.20	3.89
UK relative to:							
EU 15 Median(%)	-10.4	-3.4	+2.3	-0.4	+11.7	+9.2	+5.5
EU 15 Rank	4	6	9	7	12	11	10
Bulgaria	3.63	3.66	3.36	3.19	2.91	2.34	2.39
Croatia	3.17	3.17	3.05	3.01	2.77	2.64	2.67
Cyprus	..	..	..	..	..	..	..
Czech Republic	4.51	4.03	3.72	3.68	3.47	3.47	3.75
Estonia	3.50	3.17	3.17	3.10	2.62	2.07	2.59
Hungary	2.90	2.80	2.36	2.18	2.03	1.99	2.11
Latvia	3.41	3.38	3.15	3.06	2.87	2.76	2.59
Lithuania	4.24	4.30	3.80	3.26	2.56	2.59	2.66
Malta	..	..	..	..	..	..	..
Poland	3.25	3.51	3.27	3.22	2.98	2.91	2.48
Romania	1.29	1.36	1.31	1.21	1.10	1.29	1.38
Slovakia	3.53	3.66	3.47	3.42	3.03	2.97	2.98
Slovenia	4.33	4.52	4.09	3.69	3.31	3.13	3.32
EU 28 Median ⁽⁵⁾	4.30	4.40	3.93	3.69	3.31	3.31	3.23
UK relative to:							
EU 28 Median(%)	0.0	+7.8	+19.4	+31.8	+34.0	+38.3	+26.9
EU 28 Rank	13	17	20	18	23	22	21

Source: Eurostat Statistics in Focus

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

**Table 5.10.2 Domestic gas prices in the EU for medium consumers⁽¹⁾
(Including taxes)⁽⁶⁾**

Pence per kWh⁽²⁾

	Jan 13 - June 13	July 13 - Dec 13	Jan 14 - June 14	July 14 - Dec 14	Jan 15 - June 15	July 15 - Dec 15	Jan 16 - June 16
Austria	6.53	6.40	6.14	5.78	5.34	5.12	5.37
Belgium	5.61	5.66	5.40	5.14	4.28	4.47	4.26
Denmark ⁽⁴⁾	8.45	8.28	7.46	6.95	5.87	5.50	5.58
Finland	..	..	..	..	..	..	..
France	5.77	6.18	5.76	6.03	5.13	5.27	5.06
Germany	5.62	5.84	5.57	5.39	4.95	4.90	5.15
Greece	6.57	7.52	5.94	6.31	4.99	5.40	4.39
Ireland	5.56	6.12	5.59	5.90	4.93	5.21	5.08
Italy	7.10	8.02	6.54	7.52	5.61	6.51	5.69r
Luxembourg	5.31	4.79	4.37	4.07	3.63	3.47	3.54
Netherlands	6.73r	7.31r	6.48r	6.49r	5.53r	5.78r	6.07r
Portugal	7.11	7.91	7.67	8.22	7.14	7.07	7.10
Spain	6.23	7.56	6.18	7.59	5.35	6.88r	5.27r
Sweden	10.44	10.38	9.73	9.01	8.28	8.44	8.79r
UK	4.51	4.98	4.92	5.11	4.65	4.81	4.30
EU 15 Median ⁽⁵⁾	6.38	6.85	6.04	6.17	5.24	5.33	5.21
<u>UK relative to:</u>							
EU 15 Median(%)	-29.2	-27.3	-18.5	-17.2	-11.2	-9.8	-17.4
EU 15 Rank	1	2	2	2	3	3	3
Bulgaria	4.36	4.39	4.03	3.83	3.49	2.81	2.87
Croatia	3.96	3.97	3.81	3.76	3.46	3.31	3.34
Cyprus	..	..	..	..	..	..	..
Czech Republic	5.45	4.88	4.50	4.45	4.20	4.20	4.54
Estonia	4.46	4.03	4.03	3.91	3.34	2.77	3.44
Hungary	3.68	3.56	3.00	2.77	2.58	2.53	2.68
Latvia	4.30	4.27	3.98	3.86	3.63	3.49	3.30
Lithuania	5.13	5.20	4.59	3.95	3.10	3.14	3.21
Malta	..	..	..	..	..	..	..
Poland	4.00	4.31	4.02	3.96	3.66	3.59	3.05
Romania	2.42	2.60	2.54	2.52	2.28	2.45	2.59r
Slovakia	4.24	4.39	4.17	4.11	3.63	3.56	3.58
Slovenia	5.69	6.01	5.48	5.02	4.61	4.38	4.67
EU 28 Median ⁽⁵⁾	5.56	5.66	5.40	5.11	4.61	4.47	4.39
<u>UK relative to:</u>							
EU 28 Median(%)	-18.8	-12.0	-8.8	0.0	+0.9	+7.7	-2.0
EU 28 Rank	9	11	12	13	14	14	12

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

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

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