

Table 29

Production of manufactured and recovered gases - by type

Table Notes

Production refers to gasworks gas, coke oven gas, blast furnace gas and other recovered gases.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification, and xvi to xvii for the descriptions of relevant flows.

Figure 71: Production of manufactured and recovered gases by region, 1990-2015

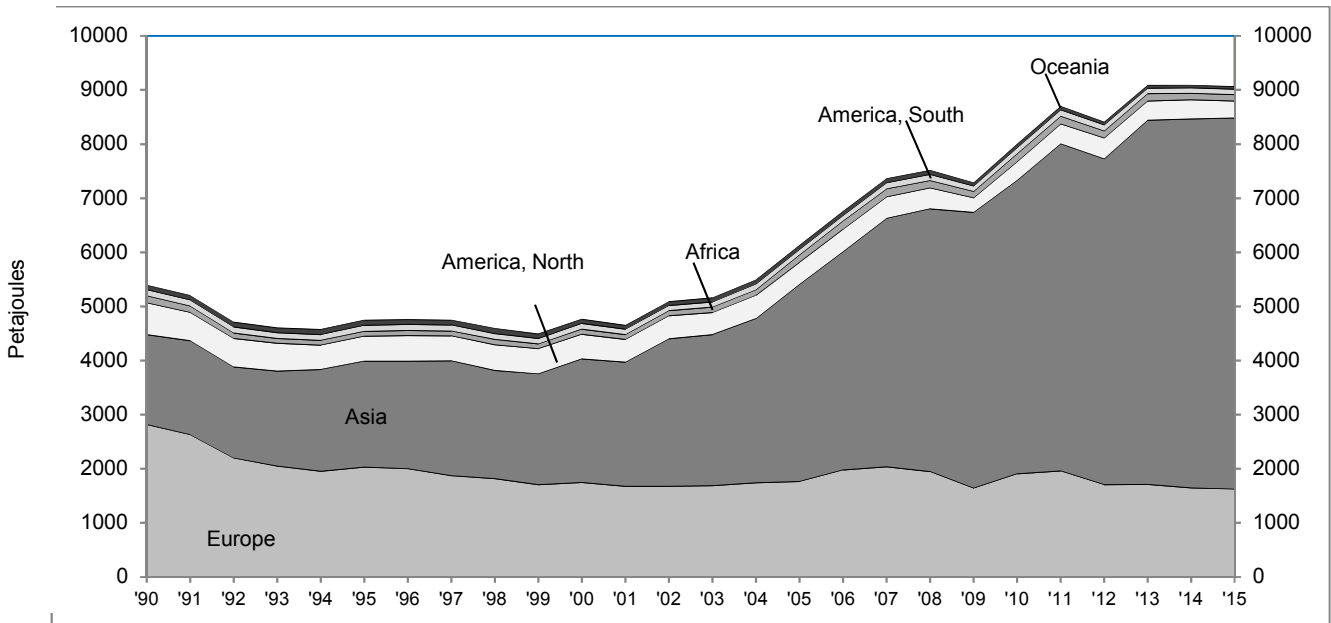
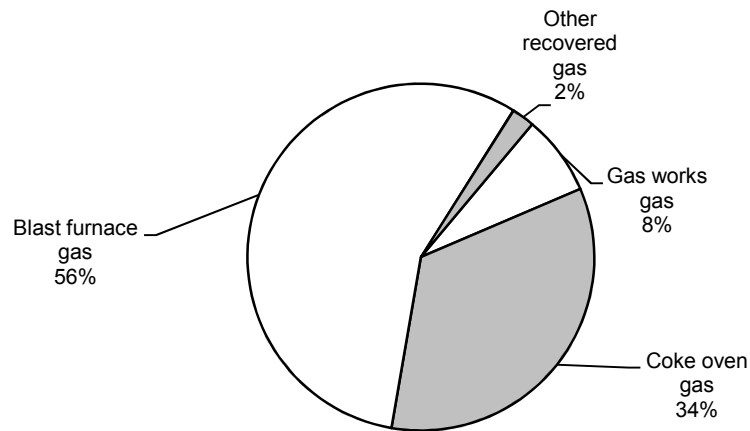


Figure 72: World production of manufactured and recovered gases by type, 2015



Production of manufactured and recovered gases - by type

Terajoules

Country or area	Year	Total	Gas works gas	Coke oven gas	Blast furnace gas	Other recovered gas
World	2012	8,403,364	593,412	3,143,068	4,504,254	162,630
	2013	9,083,318	644,864	3,251,937	5,016,087	170,430
	2014	9,088,662	661,869	3,189,459	5,057,484	179,850
	2015	9,062,887	675,933	3,095,528	5,096,733	194,693
Africa	2012	131,387	76,066	23,602	31,719	..
	2013	134,702	78,519	25,260	30,923	..
	2014	121,081	70,515	22,628	27,938	..
	2015	121,153	70,609	22,926	27,618	..
Algeria	2012	4,880	..	0	4,880	..
	2013	2,515	..	0	2,515	..
	2014	2,042	..	0	2,042	..
	2015	1,872	..	0	1,872	..
Egypt	2012	4,983	84	..	4,899	..
	2013	4,964	65	..	4,899	..
	2014	4,992	93	..	4,899	..
	2015	4,526	74	..	4,452	..
South Africa	2012	120,147	75,982	22,225	21,940	..
	2013	125,785	78,454	23,822	23,509	..
	2014	112,696	70,422	21,277	20,997	..
	2015	113,391	70,535	21,562	21,294	..
Zimbabwe	2012	1,377	..	1,377	..	..
	2013	1,438	..	1,438	..	..
	2014	1,351	..	1,351	..	..
	2015	1,364	..	1,364	..	..
America, North	2012	383,483	57,614	132,171	193,698	..
	2013	353,029	51,244	127,794	173,991	..
	2014	350,023	53,629	121,740	174,654	..
	2015	313,942	53,682	103,792	156,468	..
Canada	2012	51,054	..	26,481	24,573	..
	2013	45,834	..	24,595	21,239	..
	2014	46,312	..	22,984	23,328	..
	2015	43,138	..	22,595	20,543	..
Costa Rica	2012	848	..	..	848	..
	2013	1,075	..	..	1,075	..
	2014	1,052	..	..	1,052	..
	2015	1,028	..	..	1,028	..
Cuba	2012	4,086	4,063	..	23	..
	2013	4,159	4,148	..	11	..
	2014	3,807	3,796	..	*11	..
	2015	3,647	3,636	..	*11	..
Mexico	2012	34,977	..	15,429	19,548	..
	2013	37,047	..	16,398	20,649	..
	2014	38,328	..	16,502	21,826	..
	2015	34,848	..	14,770	20,078	..
United States	2012	292,518	53,551	90,261	148,706	..
	2013	264,914	47,096	86,801	131,017	..
	2014	260,524	49,833	82,254	128,437	..
	2015	231,281	50,046	66,427	114,808	..
America, South	2012	108,134	639	89,955	17,540	..
	2013	102,482	598	87,014	14,870	..
	2014	101,114	567	85,689	14,858	..
	2015	96,511	364	82,447	13,700	..

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Terajoules

Country or area	Year	Total	Gas works gas	Coke oven gas	Blast furnace gas	Other recovered gas
Argentina	2012	15,510	..	6,048	9,462	..
	2013	14,905	..	5,443	9,462	..
	2014	15,642	..	5,629	10,013	..
	2015	14,888	..	5,714	9,174	..
Brazil	2012	75,987	..	75,987	..	..
	2013	73,712	..	73,712	..	..
	2014	74,561	..	74,561	..	..
	2015	71,578	..	71,578	..	..
Chile	2012	10,949	639	3,964	6,346	..
	2013	8,624	598	4,160	3,866	..
	2014	8,228	567	3,991	3,670	..
	2015	7,293	364	3,608	3,321	..
Colombia	2012	5,688	..	3,956	1,732	..
	2013	5,241	..	3,699	1,542	..
	2014	2,683	..	1,508	1,175	..
	2015	2,752	..	1,547	1,205	..
Asia	2012	6,022,048	432,404	2,106,386	3,384,405	98,853
	2013	6,726,645	488,669	2,224,194	3,906,638	107,144
	2014	6,816,885	510,581	2,231,148	3,965,387	109,769
	2015	6,853,236	527,249	2,185,227	4,035,301	105,459
China	2012	4,136,293	399,882	1,437,323	2,299,088	..
	2013	4,738,852	455,941	1,536,283	2,746,628	..
	2014	4,977,099	477,518	1,543,031	2,956,550	..
	2015	4,837,464	494,572	1,477,609	2,865,283	..
China, Hong Kong SAR	2012	*28,360	*28,360	..	..	..
	2013	28,556	28,556	..	..	..
	2014	28,835	28,835	..	..	..
	2015	28,403	28,403	..	..	..
India	2012	378,369	862	116,299	261,208	..
	2013	430,675	872	127,385	302,418	..
	2014	*251,226	928	*108,998	*141,300	..
	2015	*482,325	*974	*148,443	*332,908	..
Indonesia	2012	*3,300	*3,300	..	..	..
	2013	*3,300	*3,300	..	..	..
	2014	*3,300	*3,300	..	..	..
	2015	*3,300	*3,300	..	..	..
Iran (Islamic Rep. of)	2012	19,867	..	3,131	16,736	..
	2013	26,265	..	5,365	20,900	..
	2014	30,799	..	6,943	23,856	..
	2015	26,953	..	6,841	20,112	..
Japan	2012	844,497	..	333,791	442,758	67,948
	2013	893,201	..	334,640	488,319	70,242
	2014	854,330	..	322,102	461,735	70,493
	2015	811,734	..	305,067	440,073	66,594
Kazakhstan	2012	34,176	..	15,540	18,636	..
	2013	22,569	..	8,690	13,879	..
	2014	36,051	..	15,983	20,068	..
	2015	36,080	..	15,917	20,163	..
Korea, Dem.Ppl's.Rep.	2012	1,844	..	..	1,844	..
	2013	1,826	..	..	1,826	..
	2014	1,841	..	..	1,841	..
	2015	1,628	..	..	1,628	..

Production of manufactured and recovered gases - by type

Terajoules

Country or area	Year	Total	Gas works gas	Coke oven gas	Blast furnace gas	Other recovered gas
Korea, Republic of	2012	382,844	..	126,679	234,178	21,987
	2013	366,032	..	126,773	212,335	26,924
	2014	405,263	..	146,697	230,682	27,884
	2015	398,071	..	147,921	222,139	28,011
Other Asia	2012	112,234	..	44,465	58,851	8,918
	2013	130,496	..	53,353	67,165	9,978
	2014	135,822	..	53,610	70,820	11,392
	2015	132,220	..	50,731	70,635	10,854
Pakistan	2012	1,669	..	..	1,669	..
	2013	699	..	..	699	..
	2014	2,436	..	..	2,436	..
	2015	2,549	..	..	2,549	..
Philippines	2012	2,414	..	..	2,414	..
	2013	2,436	..	..	2,436	..
	2014	3,294	..	..	3,294	..
	2015	2,820	..	..	2,820	..
Syrian Arab Republic	2012	6	..	..	6	..
	2013	6	..	..	6	..
	2014	6	..	..	6	..
	2015	6	..	..	6	..
Thailand	2012	305	..	..	305	..
	2013	327	..	..	327	..
	2014	372	..	..	372	..
	2015	338	..	..	338	..
Turkey	2012	75,870	..	29,158	46,712	..
	2013	81,405	..	31,705	49,700	..
	2014	86,211	..	33,784	52,427	..
	2015	89,345	..	32,698	56,647	..
Europe	2012	1,704,105	26,524	765,129	848,958	63,494
	2013	1,714,307	25,726	761,707	863,864	63,010
	2014	1,650,011	26,464	703,123	850,612	69,812
	2015	1,628,367	23,974	675,561	839,862	88,970
Austria	2012	43,647	..	10,696	32,951	..
	2013	45,656	..	10,323	35,333	..
	2014	44,905	..	10,087	34,818	..
	2015	43,963	..	10,337	33,626	..
Belgium	2012	39,536	..	15,171	21,190	3,175
	2013	39,523	..	14,613	21,684	3,226
	2014	38,180	..	12,529	22,171	3,480
	2015	35,518	..	10,742	21,477	3,299
Bosnia and Herzegovina	2012	10,642	..	5,778	4,864	..
	2013	*11,258	..	*6,265	*4,993	..
	2014	*11,300	..	*6,300	*5,000	..
	2015	*11,350	..	*6,300	*5,050	..
Croatia	2012	109	109	..	..	..
	2013	76	76	..	..	..
	2014	42	42	..	..	..
	2015	11	11	..	..	..
Czechia	2012	62,180	16,941	19,809	20,003	5,427
	2013	63,321	16,457	20,526	20,651	5,687
	2014	64,394	17,246	20,560	20,823	5,765
	2015	61,511	17,024	18,946	19,473	6,068

Table 29

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Terajoules

Country or area	Year	Total	Gas works gas	Coke oven gas	Blast furnace gas	Other recovered gas
Denmark	2012	613	613	..	..	..
	2013	707	707	..	..	..
	2014	753	753	..	..	..
	2015	675	675	..	..	..
Estonia	2012	7,422	7,422	..	..	..
	2013	7,203	7,203	..	..	..
	2014	7,201	7,201	..	..	..
	2015	5,929	5,929	..	..	..
Finland	2012	21,663	..	8,927	10,970	1,766
	2013	21,833	..	8,316	10,249	3,268
	2014	23,146	..	8,781	10,881	3,484
	2015	23,920	..	8,848	11,436	3,636
France	2012	73,679	..	22,366	45,258	6,055
	2013	76,530	..	24,297	46,731	5,502
	2014	79,096	..	24,941	47,380	6,775
	2015	73,239	..	23,013	40,396	9,830
Germany	2012	244,869	..	66,735	158,930	19,204
	2013	251,697	..	68,582	164,517	18,598
	2014	255,120	..	72,709	163,611	18,800
	2015	261,627	..	73,796	165,776	22,055
Hungary	2012	16,665	..	9,375	7,290	..
	2013	11,949	..	8,014	3,935	..
	2014	13,791	..	8,444	5,347	..
	2015	16,789	..	9,182	7,607	..
Italy	2012	63,363	..	30,354	32,249	760
	2013	44,003	..	19,494	23,838	671
	2014	43,652	..	18,022	25,544	86
	2015	36,215	..	16,770	15,934	3,511
Netherlands	2012	54,693	..	17,691	37,002	..
	2013	53,207	..	17,570	35,637	..
	2014	54,284	..	18,096	36,188	..
	2015	54,959	..	18,259	36,700	..
Norway	2012	3,743	..	..	3,743	..
	2013	3,442	..	..	3,442	..
	2014	3,541	..	..	3,541	..
	2015	3,390	..	..	3,390	..
Poland	2012	101,515	75	72,579	22,684	6,177
	2013	105,497	73	76,493	22,530	6,401
	2014	109,793	44	77,504	25,802	6,443
	2015	112,547	5	79,263	26,470	6,809
Romania	2012	8,899	..	..	8,899	..
	2013	9,478	..	..	9,478	..
	2014	8,924	..	..	8,924	..
	2015	10,195	..	..	10,195	..
Russian Federation	2012	489,998	..	269,890	220,108	..
	2013	501,051	..	278,399	222,652	..
	2014	482,977	..	261,799	221,178	..
	2015	496,114	..	258,532	237,582	..
Serbia	2012	3,033	..	..	3,033	..
	2013	3,182	..	..	3,182	..
	2014	4,821	..	..	4,821	..
	2015	7,253	..	..	7,253	..

Production of manufactured and recovered gases - by type

Terajoules

Country or area	Year	Total	Gas works gas	Coke oven gas	Blast furnace gas	Other recovered gas
Slovakia	2012	36,529	..	12,976	21,165	2,388
	2013	36,294	..	12,695	21,056	2,543
	2014	38,153	..	12,964	21,904	3,285
	2015	37,866	..	13,709	20,114	4,043
Spain	2012	31,504	71	14,366	17,067	..
	2013	32,298	26	13,598	18,674	..
	2014	33,251	14	12,690	20,547	..
	2015	36,804	10	13,005	23,789	..
Sweden	2012	21,606	406	8,460	11,512	1,228
	2013	20,702	381	7,995	11,157	1,169
	2014	22,563	343	8,265	12,307	1,648
	2015	22,500	320	8,770	11,868	1,542
Ukraine	2012	296,158	887	150,014	127,943	17,314
	2013	288,571	803	143,771	128,052	15,945
	2014	223,703	821	98,402	104,434	20,046
	2015	198,737	..	79,704	90,856	28,177
United Kingdom	2012	72,039	..	29,942	42,097	..
	2013	86,829	..	30,756	56,073	..
	2014	86,421	..	31,030	55,391	..
	2015	77,255	..	26,385	50,870	..
Oceania	2012	54,207	165	25,825	27,934	283
	2013	52,153	108	25,968	25,801	276
	2014	49,548	113	25,131	24,035	269
	2015	49,678	55	25,575	23,784	264
Australia	2012	42,910	165	21,723	21,022	..
	2013	40,218	108	21,235	18,875	..
	2014	37,967	113	20,671	17,183	..
	2015	37,685	55	20,867	16,763	..
New Zealand	2012	11,297	..	4,102	6,912	283
	2013	11,935	..	4,733	6,926	276
	2014	11,581	..	4,460	6,852	269
	2015	11,993	..	4,708	7,021	264