

**Table 29**

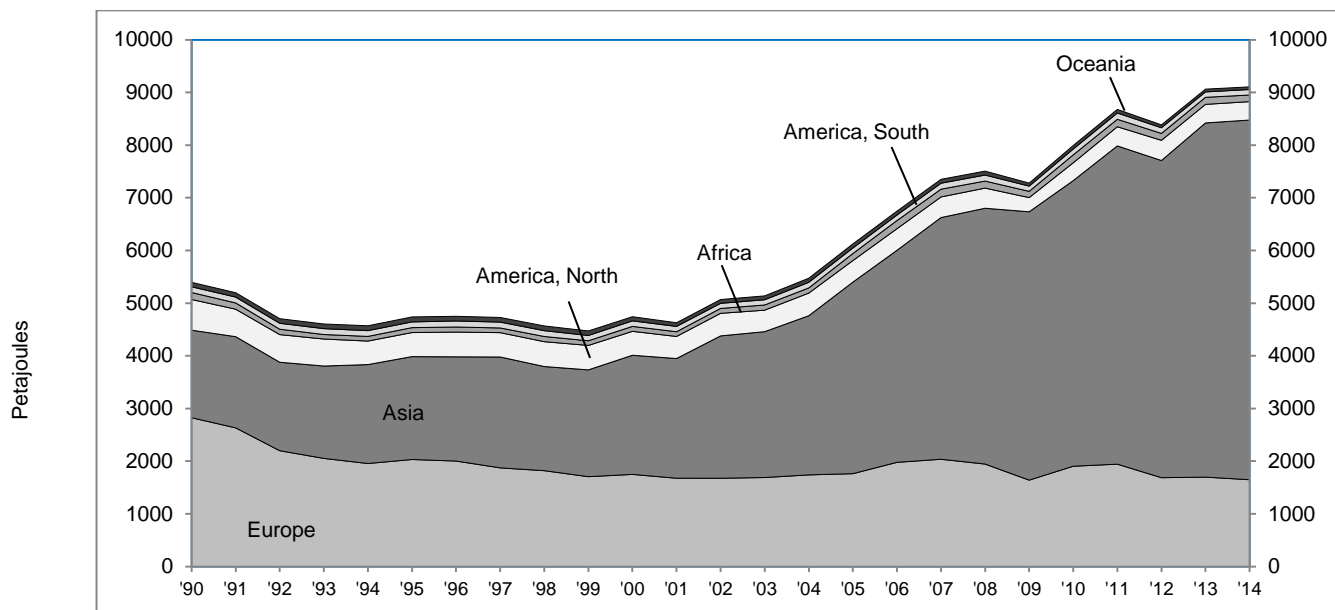
**Production of manufactured and recovered gases - by type**

**Table Notes**

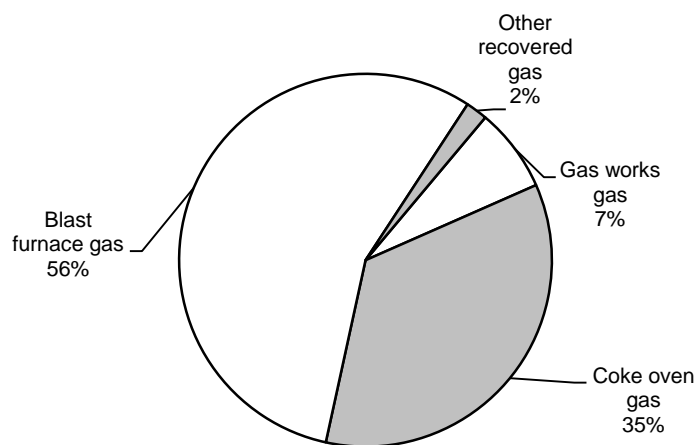
**Production** refers to gasworks gas, coke oven gas, blast furnace gas and other recovered gases.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification.

**Figure 71: Production of manufactured and recovered gases by region, 1990-2014**



**Figure 72: World production of manufactured and recovered gases by type, 2014**



## 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
<b>World</b>	<b>2011</b>	<b>8,677,907</b>	<b>589,088</b>	<b>3,219,552</b>	<b>4,731,559</b>	<b>137,708</b>
	<b>2012</b>	<b>8,385,073</b>	<b>593,388</b>	<b>3,142,745</b>	<b>4,509,894</b>	<b>139,046</b>
	<b>2013</b>	<b>9,063,233</b>	<b>644,782</b>	<b>3,249,708</b>	<b>5,020,701</b>	<b>148,041</b>
	<b>2014</b>	<b>9,106,495</b>	<b>663,325</b>	<b>3,189,689</b>	<b>5,081,912</b>	<b>171,569</b>
<b>Africa</b>	<b>2011</b>	<b>141,664</b>	<b>82,628</b>	<b>23,484</b>	<b>35,552</b>	<b>..</b>
	<b>2012</b>	<b>130,962</b>	<b>76,066</b>	<b>23,601</b>	<b>31,295</b>	<b>..</b>
	<b>2013</b>	<b>134,178</b>	<b>78,519</b>	<b>25,259</b>	<b>30,400</b>	<b>..</b>
	<b>2014</b>	<b>125,325</b>	<b>72,002</b>	<b>24,007</b>	<b>29,316</b>	<b>..</b>
Algeria	2011	4,583	..	..	4,583	..
	2012	4,880	..	..	4,880	..
	2013	2,515	..	..	2,515	..
	2014	2,042	..	..	2,042	..
Egypt	2011	9,147	140	..	9,007	..
	2012	*4,559	84	..	*4,475	..
	2013	*4,441	65	..	*4,376	..
	2014	4,992	93	..	4,899	..
South Africa	2011	126,688	82,488	22,238	21,962	..
	2012	120,147	75,982	22,225	21,940	..
	2013	125,785	78,454	23,822	23,509	..
	2014	116,941	71,909	22,657	22,375	..
Zimbabwe	2011	1,246	..	1,246	..	..
	2012	1,376	..	1,376	..	..
	2013	1,437	..	1,437	..	..
	2014	1,350	..	1,350	..	..
<b>America, North</b>	<b>2011</b>	<b>364,216</b>	<b>56,572</b>	<b>126,346</b>	<b>181,298</b>	<b>..</b>
	<b>2012</b>	<b>383,126</b>	<b>57,614</b>	<b>131,815</b>	<b>193,697</b>	<b>..</b>
	<b>2013</b>	<b>352,802</b>	<b>51,244</b>	<b>127,794</b>	<b>173,764</b>	<b>..</b>
	<b>2014</b>	<b>349,767</b>	<b>53,629</b>	<b>121,688</b>	<b>174,450</b>	<b>..</b>
Canada	2011	46,940	..	24,062	22,878	..
	2012	50,698	..	26,125	24,573	..
	2013	45,834	..	24,595	21,239	..
	2014	46,260	..	22,932	23,328	..
Costa Rica	2011	782	..	..	782	..
	2012	*847	..	..	*847	..
	2013	848	..	..	848	..
	2014	848	..	..	848	..
Cuba	2011	3,886	3,852	..	34	..
	2012	4,086	4,063	..	23	..
	2013	4,159	4,148	..	11	..
	2014	3,807	3,796	..	*11	..
Mexico	2011	35,283	..	15,703	19,580	..
	2012	34,977	..	15,429	19,548	..
	2013	37,047	..	16,398	20,649	..
	2014	38,328	..	16,502	21,826	..
United States	2011	277,325	52,720	86,581	138,024	..
	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	..
<b>America, South</b>	<b>2011</b>	<b>119,389</b>	<b>451</b>	<b>98,017</b>	<b>20,921</b>	<b>..</b>
	<b>2012</b>	<b>108,134</b>	<b>639</b>	<b>89,955</b>	<b>17,540</b>	<b>..</b>
	<b>2013</b>	<b>102,482</b>	<b>598</b>	<b>87,014</b>	<b>14,870</b>	<b>..</b>
	<b>2014</b>	<b>105,044</b>	<b>536</b>	<b>89,615</b>	<b>14,893</b>	<b>..</b>

Table 29

## 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
Argentina	2011	23,505	..	10,852	12,653	..
	2012	15,510	..	6,048	9,462	..
	2013	14,905	..	5,443	9,462	..
	2014	19,604	..	9,556	10,048	..
Brazil	2011	78,743	..	78,743	..	..
	2012	75,987	..	75,987	..	..
	2013	73,712	..	73,712	..	..
	2014	74,561	..	74,561	..	..
Chile	2011	11,152	451	4,466	6,235	..
	2012	10,949	639	3,964	6,346	..
	2013	8,624	598	4,160	3,866	..
	2014	8,196	536	3,990	3,670	..
Colombia	2011	5,989	..	3,956	2,033	..
	2012	5,688	..	3,956	1,732	..
	2013	5,241	..	3,699	1,542	..
	2014	2,683	..	1,508	1,175	..
<b>Asia</b>	<b>2011</b>	<b>6,042,155</b>	<b>421,261</b>	<b>2,152,254</b>	<b>3,371,899</b>	<b>96,741</b>
	<b>2012</b>	<b>6,022,048</b>	<b>432,404</b>	<b>2,106,386</b>	<b>3,384,405</b>	<b>98,853</b>
	<b>2013</b>	<b>6,724,394</b>	<b>488,669</b>	<b>2,221,942</b>	<b>3,906,638</b>	<b>107,144</b>
	<b>2014</b>	<b>6,828,702</b>	<b>510,581</b>	<b>2,228,227</b>	<b>3,980,716</b>	<b>109,178</b>
China	2011	4,207,374	388,989	1,485,202	2,333,184	..
	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	..
China, Hong Kong SAR	2011	28,147	28,147	..	..	..
	2012	*28,360	*28,360	..	..	..
	2013	28,556	28,556	..	..	..
	2014	28,835	28,835	..	..	..
India	2011	337,634	825	101,585	235,224	..
	2012	378,369	862	116,299	261,208	..
	2013	430,675	872	127,385	302,418	..
	2014	*251,226	928	*108,998	*141,300	..
Indonesia	2011	*3,300	*3,300	..	..	..
	2012	*3,300	*3,300	..	..	..
	2013	*3,300	*3,300	..	..	..
	2014	*3,300	*3,300	..	..	..
Iran (Islamic Rep. of)	2011	24,205	..	4,257	19,948	..
	2012	19,867	..	3,131	16,736	..
	2013	24,013	..	3,113	20,900	..
	2014	24,739	..	7,504	17,235	..
Japan	2011	831,823	..	337,116	429,625	65,082
	2012	844,497	..	333,791	442,758	67,948
	2013	893,201	..	334,640	488,319	70,242
	2014	873,910	..	318,620	485,388	69,902
Kazakhstan	2011	37,796	..	16,565	21,231	..
	2012	34,176	..	15,540	18,636	..
	2013	22,569	..	8,690	13,879	..
	2014	36,051	..	15,983	20,068	..
Korea, Dem.Ppl's.Rep.	2011	1,849	..	..	1,849	..
	2012	1,844	..	..	1,844	..
	2013	1,826	..	..	1,826	..
	2014	1,841	..	..	1,841	..

## 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	2011	381,648	..	125,092	233,841	22,715
	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
Other Asia	2011	121,576	..	55,795	56,837	8,944
	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
Pakistan	2011	1,697	..	..	1,697	..
	2012	1,669	..	..	1,669	..
	2013	699	..	..	699	..
	2014	733	..	..	733	..
Philippines	2011	2,346	..	..	2,346	..
	2012	2,414	..	..	2,414	..
	2013	2,436	..	..	2,436	..
	2014	3,294	..	..	3,294	..
Syrian Arab Republic	2011	45	..	..	45	..
	2012	6	..	..	6	..
	2013	6	..	..	6	..
	2014	6	..	..	6	..
Thailand	2011	384	..	..	384	..
	2012	305	..	..	305	..
	2013	327	..	..	327	..
	2014	372	..	..	372	..
Turkey	2011	62,331	..	26,643	35,688	..
	2012	75,870	..	29,158	46,712	..
	2013	81,405	..	31,705	49,700	..
	2014	86,211	..	33,784	52,427	..
<b>Europe</b>	<b>2011</b>	<b>1,943,256</b>	<b>27,669</b>	<b>791,107</b>	<b>1,083,790</b>	<b>40,690</b>
	<b>2012</b>	<b>1,686,596</b>	<b>26,500</b>	<b>765,163</b>	<b>855,023</b>	<b>39,910</b>
	<b>2013</b>	<b>1,697,224</b>	<b>25,644</b>	<b>761,731</b>	<b>869,228</b>	<b>40,621</b>
	<b>2014</b>	<b>1,648,109</b>	<b>26,464</b>	<b>701,021</b>	<b>858,502</b>	<b>62,122</b>
Austria	2011	45,142	..	10,595	34,547	..
	2012	43,647	..	10,696	32,951	..
	2013	45,656	..	10,323	35,333	..
	2014	44,905	..	10,087	34,818	..
Belgium	2011	43,716	..	16,791	23,953	2,972
	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
Bosnia and Herzegovina	2011	11,753	..	7,212	4,541	..
	2012	10,642	..	5,778	4,864	..
	2013	*11,258	..	*6,265	*4,993	..
	2014	*11,300	..	*6,300	*5,000	..
Croatia	2011	144	144	..	..	..
	2012	109	109	..	..	..
	2013	76	76	..	..	..
	2014	42	42	..	..	..
Czechia	2011	61,617	17,962	20,602	21,181	1,872
	2012	58,546	16,917	19,843	20,013	1,773
	2013	59,272	16,396	20,550	20,513	1,813
	2014	64,275	17,246	20,560	20,823	5,646

Table 29

## 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
Denmark	2011	615	615	..	..	..
	2012	613	613	..	..	..
	2013	686	686	..	..	..
	2014	753	753	..	..	..
Estonia	2011	7,204	7,204	..	..	..
	2012	7,422	7,422	..	..	..
	2013	7,203	7,203	..	..	..
	2014	7,201	7,201	..	..	..
Finland	2011	23,921	..	9,321	12,717	1,883
	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
France	2011	68,011	..	21,552	46,459	..
	2012	73,679	..	22,366	51,313	..
	2013	76,530	..	24,297	52,233	..
	2014	79,726	..	24,456	55,270	..
Germany	2011	247,932	..	66,551	163,289	18,092
	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
Hungary	2011	17,260	..	9,575	7,685	..
	2012	16,665	..	9,375	7,290	..
	2013	11,949	..	8,014	3,935	..
	2014	13,791	..	8,444	5,347	..
Italy	2011	55,285	..	19,198	34,635	1,452
	2012	63,363	..	30,354	32,249	760
	2013	44,003	..	19,494	23,838	671
	2014	43,652	..	18,022	25,544	86
Netherlands	2011	55,393	..	18,315	37,078	..
	2012	54,693	..	17,691	37,002	..
	2013	53,207	..	17,570	35,637	..
	2014	54,284	..	18,096	36,188	..
Norway	2011	2,559	..	..	2,559	..
	2012	3,743	..	..	3,743	..
	2013	3,442	..	..	3,442	..
	2014	3,541	..	..	3,541	..
Poland	2011	106,176	103	77,156	22,271	6,646
	2012	101,621	75	72,579	22,684	6,283
	2013	105,601	73	76,493	22,530	6,505
	2014	109,793	44	77,504	25,802	6,443
Romania	2011	7,462	..	..	7,462	..
	2012	8,899	..	..	8,899	..
	2013	9,478	..	..	9,478	..
	2014	8,924	..	..	8,924	..
Russian Federation	2011	718,111	..	287,171	430,940	..
	2012	489,998	..	269,890	220,108	..
	2013	501,051	..	278,399	222,652	..
	2014	482,977	..	261,799	221,178	..
Serbia	2011	9,779	..	..	9,779	..
	2012	3,033	..	..	3,033	..
	2013	3,182	..	..	3,182	..
	2014	4,821	..	..	4,821	..

## 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	2011	37,347	..	13,263	20,718	3,366
	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
Spain	2011	35,849	149	17,329	18,371	..
	2012	31,504	71	14,366	17,067	..
	2013	32,298	26	13,598	18,674	..
	2014	33,251	14	12,690	20,547	..
Sweden	2011	22,963	435	9,376	12,896	256
	2012	21,606	406	8,460	11,512	1,228
	2013	20,702	381	7,995	11,157	1,169
	2014	22,066	343	8,265	12,307	1,151
Ukraine	2011	295,139	1,057	155,034	134,897	4,151
	2012	282,177	887	150,014	127,943	3,333
	2013	275,454	803	143,771	128,052	2,828
	2014	221,787	821	96,785	104,434	19,747
United Kingdom	2011	69,878	..	32,066	37,812	..
	2012	72,039	..	29,942	42,097	..
	2013	86,829	..	30,756	56,073	..
	2014	86,421	..	31,030	55,391	..
<b>Oceania</b>	<b>2011</b>	<b>67,227</b>	<b>507</b>	<b>28,344</b>	<b>38,099</b>	<b>277</b>
	<b>2012</b>	<b>54,207</b>	<b>165</b>	<b>25,825</b>	<b>27,934</b>	<b>283</b>
	<b>2013</b>	<b>52,153</b>	<b>108</b>	<b>25,968</b>	<b>25,801</b>	<b>276</b>
	<b>2014</b>	<b>49,548</b>	<b>113</b>	<b>25,131</b>	<b>24,035</b>	<b>269</b>
Australia	2011	56,720	507	24,265	31,948	..
	2012	42,910	165	21,723	21,022	..
	2013	40,218	108	21,235	18,875	..
	2014	37,967	113	20,671	17,183	..
New Zealand	2011	10,507	..	4,079	6,151	277
	2012	11,297	..	4,102	6,912	283
	2013	11,935	..	4,733	6,926	276
	2014	11,581	..	4,460	6,852	269