

**Table 7**

**Production, trade and supply of brown coal and oil shale**

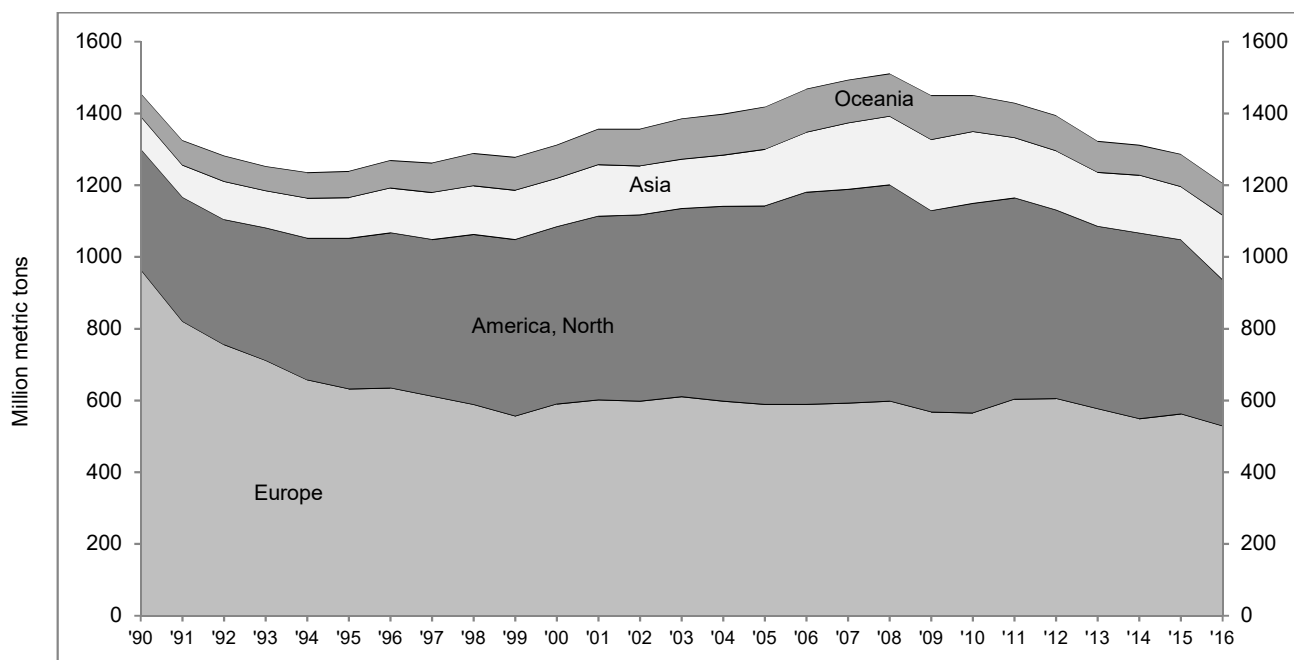
Thousand metric tons and kilograms per capita

**Table Notes**

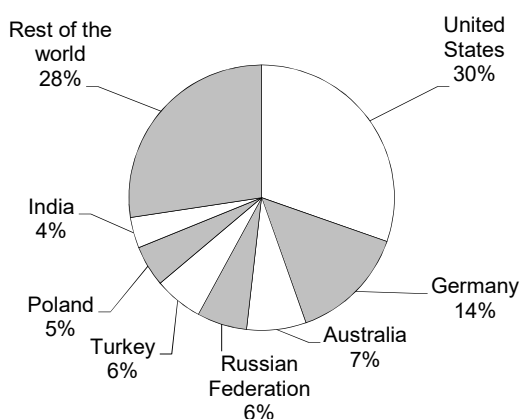
Data refer to brown coal and oil shale.

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 15: Production of brown coal and oil shale by region, 1990-2016**



**Figure 16: Major brown coal producing countries, 2016**



**Figure 17: Major brown coal consuming countries, 2016**

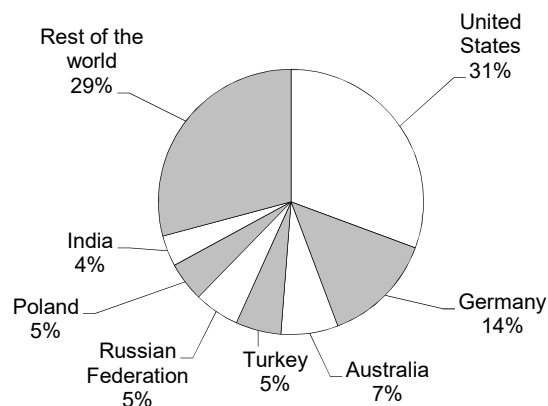


Table 7

## Production, trade and supply of brown coal and oil shale

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
<b>World</b>	<b>2013</b>	<b>1,322,610</b>	<b>38,743</b>	<b>21,409</b>	<b>-21,247</b>	<b>1,361,192</b>	<b>189</b>
	<b>2014</b>	<b>1,311,329</b>	<b>43,735</b>	<b>20,630</b>	<b>-13,642</b>	<b>1,348,077</b>	<b>185</b>
	<b>2015</b>	<b>1,285,568</b>	<b>48,264</b>	<b>17,695</b>	<b>34,117</b>	<b>1,282,020</b>	<b>174</b>
	<b>2016</b>	<b>1,205,285</b>	<b>51,840</b>	<b>19,552</b>	<b>-17,004</b>	<b>1,254,577</b>	<b>168</b>
<b>Africa</b>	<b>2013</b>	<b>81</b>	<b>34</b>	<b>..</b>	<b>..</b>	<b>115</b>	<b>0</b>
	<b>2014</b>	<b>84</b>	<b>32</b>	<b>..</b>	<b>..</b>	<b>115</b>	<b>0</b>
	<b>2015</b>	<b>55</b>	<b>35</b>	<b>..</b>	<b>..</b>	<b>90</b>	<b>0</b>
	<b>2016</b>	<b>62</b>	<b>35</b>	<b>..</b>	<b>..</b>	<b>97</b>	<b>0</b>
Eswatini	2013	*81	34	..	..	*115	*90
	2014	84	32	..	..	115	89
	2015	*55	*35	..	..	*90	*68
	2016	*62	*35	..	..	*97	*72
<b>America, North</b>	<b>2013</b>	<b>508,151</b>	<b>2,604</b>	<b>11,480</b>	<b>-20,254</b>	<b>519,529</b>	<b>925</b>
	<b>2014</b>	<b>517,313</b>	<b>2,472</b>	<b>5,987</b>	<b>-3,901</b>	<b>517,699</b>	<b>914</b>
	<b>2015</b>	<b>485,556</b>	<b>4,194</b>	<b>5,458</b>	<b>31,145</b>	<b>453,147</b>	<b>792</b>
	<b>2016</b>	<b>407,604</b>	<b>4,986</b>	<b>2,992</b>	<b>-15,558</b>	<b>425,156</b>	<b>737</b>
Canada	2013	30,626	2,289	108	1,498	31,309	888
	2014	33,536	1,695	100	3,388	31,743	892
	2015	32,559	1,518	114	994	32,969	917
	2016	33,570	1,272	99	3,144	31,599	871
Mexico	2013	13,065	3	..	-642	13,710	112
	2014	13,435	3	..	430	13,008	105
	2015	7,491	462	..	-706	8,659	69
	2016	8,130	1,624	..	450	9,304	73
United States	2013	464,460	312	11,372	-21,110	474,510	1,504
	2014	470,342	774	5,887	-7,719	472,948	1,489
	2015	445,506	2,214	5,344	30,857	411,519	1,286
	2016	365,904	2,090	2,893	-19,152	384,253	1,193
<b>Asia</b>	<b>2013</b>	<b>150,508</b>	<b>29,875</b>	<b>5,863</b>	<b>-105</b>	<b>174,625</b>	<b>40</b>
	<b>2014</b>	<b>161,231</b>	<b>33,889</b>	<b>8,875</b>	<b>-6,721</b>	<b>192,965</b>	<b>44</b>
	<b>2015</b>	<b>147,830</b>	<b>36,808</b>	<b>5,557</b>	<b>1,144</b>	<b>177,938</b>	<b>40</b>
	<b>2016</b>	<b>179,801</b>	<b>40,659</b>	<b>9,604</b>	<b>3,807</b>	<b>207,049</b>	<b>46</b>
Bangladesh	2013	..	30	..	..	30	0
	2014	..	0	..	..	0	0
	2015	..	32	..	..	32	0
	2016	..	0	..	..	0	0
Cambodia	2013	..	109	..	..	109	7
	2014	..	509	..	..	509	33
	2015	..	1,235	..	..	1,235	80
	2016	..	1,429	..	..	1,429	91
Cyprus	2013	..	1	..	..	1	1
	2014	..	0	..	..	0	0
	2015	..	0	..	..	0	0
	2016	..	0	..	..	0	0
Georgia	2013	404	..	4	-1	401	99
	2014	299	..	3	0	297	74
	2015	306	..	2	1	303	77
	2016	297	..	2	9	286	73
India	2013	44,271	0	2	367	43,902	34
	2014	48,257	1	3	-1,316	49,571	38
	2015	43,843	0	0	1,631	42,212	32
	2016	45,230	19	5	-2,074	47,318	36

Table 7

## Production, trade and supply of brown coal and oil shale

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Israel	2013	421	172	..	..	593	76
	2014	396	0	..	..	396	50
	2015	420	0	..	..	420	52
	2016	423	0	..	..	423	52
Jordan	2013	..	..	..	..	..	..
	2014	..	62	..	..	62	7
	2015	..	0	..	..	0	0
	2016	..	0	..	..	0	0
Kazakhstan	2013	6,690	1	2,049	45	4,597	267
	2014	6,894	0	2,474	205	4,215	241
	2015	5,526	0	2,357	496	2,673	151
	2016	5,750	1	2,204	-178	3,725	207
Korea, Dem.Ppl's.Rep.	2013	3,342	..	..	..	3,342	134
	2014	3,741	..	..	..	3,741	149
	2015	2,530	..	..	..	2,530	100
	2016	2,755	..	..	..	2,755	109
Korea, Republic of	2013	..	1,803	..	..	1,803	36
	2014	..	4,865	..	..	4,865	97
	2015	..	6,824	..	..	6,824	135
	2016	..	6,569	..	..	6,569	129
Kyrgyzstan	2013	1,157	4	12	..	1,149	202
	2014	1,505	21	5	154	1,367	237
	2015	1,584	9	10	477	1,106	189
	2016	1,603	5	91	225	1,292	217
Lao People's Dem. Rep.	2013	810	..	200	..	610	94
	2014	911	..	254	..	657	100
	2015	4,658	..	..	..	4,658	699
	2016	13,097	..	..	..	13,097	1,938
Mongolia	2013	6,330	..	155	212	5,964	2,079
	2014	6,073	..	328	-252	5,997	2,051
	2015	5,755	..	46	-80	5,789	1,945
	2016	6,672	..	427	-160	6,404	2,115
Myanmar	2013	42	..	..	..	42	1
	2014	50	..	..	..	50	1
	2015	54	..	..	..	54	1
	2016	*54	..	..	..	*54	*1
Other Asia	2013	..	13,318	..	-834	14,152	606
	2014	..	13,247	..	55	13,192	563
	2015	..	11,429	..	28	11,401	485
	2016	..	12,532	..	1,443	11,089	471
Philippines	2013	7,100	14,415	3,401	-838	18,952	192
	2014	7,601	15,182	5,767	-3,147	20,163	201
	2015	7,378	17,279	3,106	-455	22,006	216
	2016	11,211	20,030	6,835	2,266	22,141	214
Tajikistan	2013	34	..	..	..	34	4
	2014	56	..	..	..	56	7
	2015	57	..	..	..	57	7
	2016	50	..	..	..	50	6
Thailand	2013	17,591	..	..	-1,512	19,103	280
	2014	18,042	..	..	-409	18,451	270
	2015	15,151	..	..	-239	15,390	224
	2016	16,979	55	..	92	16,942	246

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Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Turkey	2013	58,425	..	..	2,456	55,969	739
	2014	63,416	..	..	-2,011	65,427	849
	2015	56,979	..	..	-716	57,695	737
	2016	71,691	..	..	2,184	69,507	874
United Arab Emirates	2013	..	2	..	..	2	0
	2014	..	1	0	..	1	0
	2015	..	0	..	..	0	0
	2016	..	0	..	..	0	0
Uzbekistan	2013	3,891	20	40	..	3,871	129
	2014	3,989	0	41	..	3,948	129
	2015	3,590	0	37	..	3,553	115
	2016	3,989	20	41	..	3,968	126
<b>Europe</b>	<b>2013</b>	<b>576,662</b>	<b>5,772</b>	<b>4,066</b>	<b>-1,004</b>	<b>579,372</b>	<b>783</b>
	<b>2014</b>	<b>548,878</b>	<b>6,902</b>	<b>5,746</b>	<b>-2,806</b>	<b>552,840</b>	<b>747</b>
	<b>2015</b>	<b>562,019</b>	<b>6,821</b>	<b>6,637</b>	<b>2,179</b>	<b>560,024</b>	<b>756</b>
	<b>2016</b>	<b>529,010</b>	<b>5,780</b>	<b>6,956</b>	<b>-5,074</b>	<b>532,908</b>	<b>719</b>
Albania	2013	9	..	..	..	9	3
	2014	0	..	..	..	0	0
	2015	243	..	..	..	243	83
	2016	14	..	..	..	14	5
Austria	2013	..	85	0	0	85	10
	2014	..	98	0	0	98	11
	2015	..	93	0	0	93	11
	2016	..	80	0	0	80	9
Bosnia and Herzegovina	2013	11,765	15	370	-94	11,504	3,191
	2014	11,651	20	425	-392	11,638	3,264
	2015	12,173	56	358	151	11,720	3,315
	2016	13,644	87	258	-326	13,799	3,924
Bulgaria	2013	28,615	..	80	-184	28,719	3,952
	2014	31,268	2	51	-221	31,440	4,353
	2015	35,859	..	36	81	35,742	4,980
	2016	31,231	..	17	213	31,001	4,347
Croatia	2013	..	54	..	-2	56	13
	2014	..	44	..	-2	46	11
	2015	..	57	..	12	45	11
	2016	..	44	..	-6	50	12
Czechia	2013	40,385	354	1,114	-308	39,933	3,769
	2014	38,177	1,407	905	329	38,350	3,618
	2015	38,105	1,031	885	430	37,821	3,567
	2016	38,528	138	855	-405	38,216	3,602
Estonia	2013	20,511	..	..	25	20,486	15,501
	2014	20,995	..	..	367	20,628	15,647
	2015	19,616	..	..	1,717	17,899	13,608
	2016	15,764	..	..	-3,076	18,840	14,355
France	2013	..	144	..	-51	195	3
	2014	..	155	..	2	153	2
	2015	..	118	..	-7	125	2
	2016	..	99	..	-8	107	2
Germany	2013	182,696	18	179	44	182,491	2,246
	2014	178,178	13	1,171	64	176,956	2,172
	2015	178,065	20	914	201	176,970	2,166
	2016	171,547	26	0	532	171,041	2,088

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Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Greece	2013	53,924	97	17	-382	54,386	4,804
	2014	50,845	26	0	-1,007	51,878	4,605
	2015	46,246	0	0	1,979	44,267	3,946
	2016	32,638	0	0	-1,592	34,230	3,061
Hungary	2013	9,558	245	220	-338	9,921	1,008
	2014	9,551	181	384	-34	9,382	956
	2015	9,261	224	355	-192	9,322	953
	2016	9,216	178	211	3	9,180	941
Italy	2013	..	500	..	..	500	8
	2014	..	478	..	..	478	8
	2015	..	448	..	..	448	8
	2016	..	130	..	..	130	2
Kosovo	2013	8,219	3	14	-79	8,287	4,543
	2014	7,204	1	24	-51	7,232	3,970
	2015	8,241	2	45	-126	8,324	4,620
	2016	8,801	2	18	-267	9,052	4,984
Lithuania	2013	..	4	0	0	4	1
	2014	..	1	0	0	1	0
	2015	..	0	0	0	0	0
	2016	..	0	0	-1	1	0
Montenegro	2013	1,692	3	23	..	1,672	2,666
	2014	1,655	3	28	..	1,630	2,597
	2015	1,773	5	59	..	1,719	2,736
	2016	1,398	5	42	..	1,361	2,165
Netherlands	2013	..	41	0	17	24	1
	2014	..	41	0	10	31	2
	2015	..	26	5	-21	42	2
	2016	..	36	0	0	36	2
Poland	2013	65,849	195	218	-108	65,934	1,721
	2014	63,877	176	303	-95	63,845	1,667
	2015	63,128	281	198	164	63,047	1,648
	2016	60,246	289	212	-67	60,390	1,580
Romania	2013	24,721	867	1	-80	25,667	1,279
	2014	23,565	931	37	-1,615	26,074	1,305
	2015	25,493	1,019	378	-770	26,904	1,354
	2016	22,980	854	3	-46	23,877	1,207
Russian Federation	2013	73,680	1,530	1,775	123	73,312	511
	2014	68,893	1,552	2,404	785	67,256	468
	2015	73,629	1,531	3,371	-435	72,224	502
	2016	73,485	2,296	5,272	1,079	69,430	482
Serbia	2013	40,297	306	53	230	40,320	5,682
	2014	30,011	460	14	-233	30,690	4,345
	2015	37,826	781	30	142	38,435	5,452
	2016	38,440	336	66	-282	38,992	5,567
Slovakia	2013	2,353	437	..	60	2,730	503
	2014	2,188	474	..	211	2,451	451
	2015	1,939	436	..	-223	2,598	478
	2016	1,847	494	..	-79	2,420	445
Slovenia	2013	3,876	532	..	-34	4,442	2,150
	2014	3,108	432	..	-33	3,573	1,725
	2015	3,168	388	..	-31	3,587	1,729
	2016	3,349	372	..	-27	3,748	1,804

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Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Spain	2013	1,826	..	..	153	1,673	36
	2014	1,230	..	..	-940	2,170	47
	2015	1,317	..	..	-960	2,277	49
	2016	730	..	..	-650	1,380	30
Switzerland	2013	..	64	..	6	58	7
	2014	..	134	..	3	131	16
	2015	..	132	..	2	130	16
	2016	..	133	..	3	130	15
T.F.Yug.Rep. Macedonia	2013	6,686	278	2	-2	6,964	3,355
	2014	6,482	273	0	46	6,709	3,230
	2015	5,937	173	3	65	6,042	2,906
	2016	5,152	181	2	-72	5,403	2,596
<b>Oceania</b>	<b>2013</b>	<b>87,208</b>	<b>458</b>	<b>0</b>	<b>115</b>	<b>87,551</b>	<b>2,280</b>
	<b>2014</b>	<b>83,824</b>	<b>441</b>	<b>22</b>	<b>-214</b>	<b>84,457</b>	<b>2,167</b>
	<b>2015</b>	<b>90,108</b>	<b>405</b>	<b>43</b>	<b>-350</b>	<b>90,820</b>	<b>2,297</b>
	<b>2016</b>	<b>88,808</b>	<b>379</b>	<b>0</b>	<b>-180</b>	<b>89,367</b>	<b>2,228</b>
Australia	2013	84,862	..	..	..	84,862	3,666
	2014	81,787	..	..	..	81,787	3,484
	2015	88,118	..	..	..	88,118	3,703
	2016	87,143	..	..	..	87,143	3,612
New Zealand	2013	2,346	458	0	115	2,689	595
	2014	2,037	441	22	-214	2,670	585
	2015	1,990	405	43	-350	2,702	586
	2016	1,665	379	0	-180	2,224	477