

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

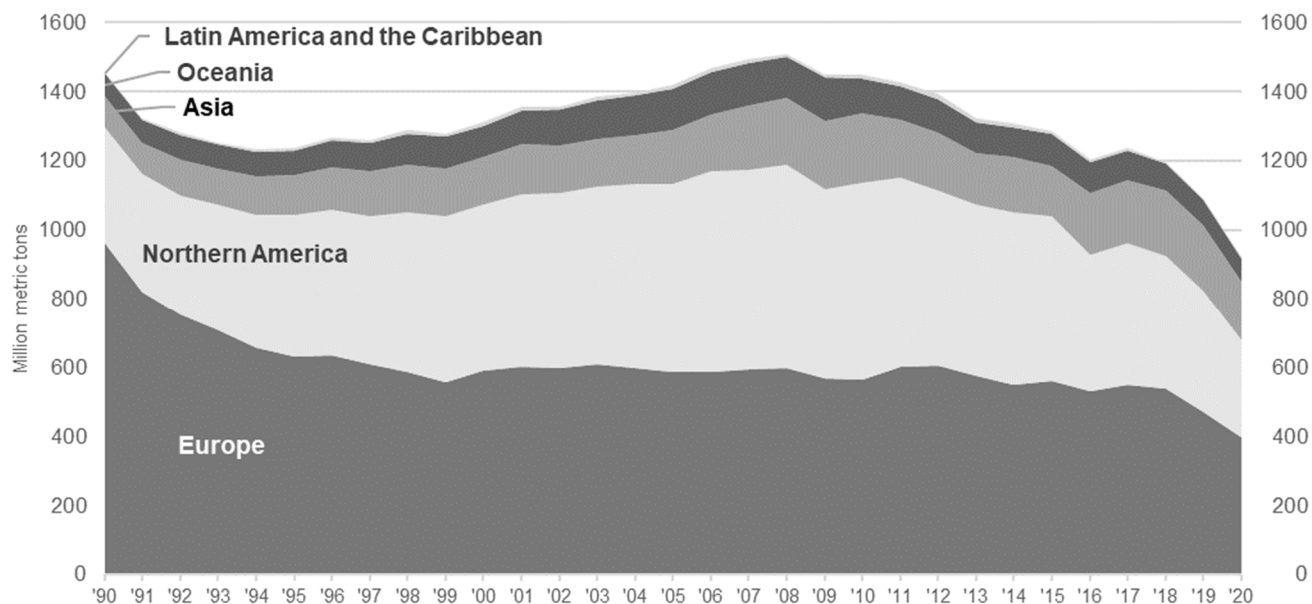
Thousand metric tons and kilograms per capita

#### Table Notes

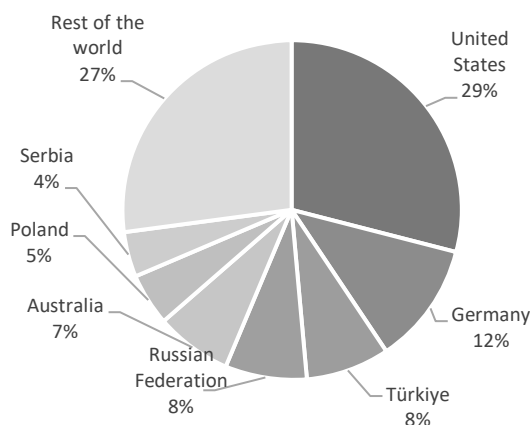
Data refer to brown coal and oil shale.

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, 1990-2020**



**Figure 16: Major brown coal producing countries, 2020**



**Figure 17: Major brown coal consuming countries, 2020**

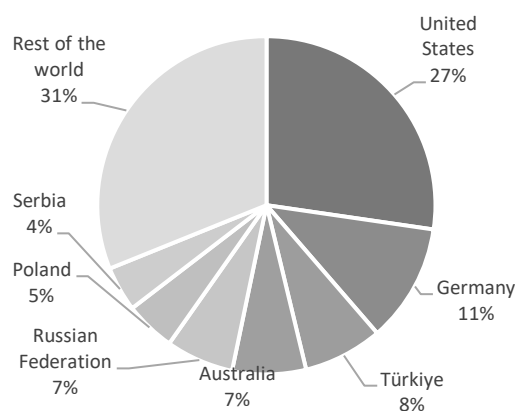


Table 7

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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
World	2017	1,238,076	58,362	27,647	-10,446	1,279,237	168
	2018	1,198,638	61,243	28,765	-19,831	1,250,947	163
	2019	1,093,588	63,325	33,341	14,537	1,109,035	143
	2020	923,341	64,336	30,018	7,469	950,191	121
Asia	2017	181,901	47,152	9,277	-1,618	221,394	49
	2018	191,554	50,483	9,122	1,548	231,368	50
	2019	192,419	52,570	13,908	-659	231,740	50
	2020	171,725	54,969	12,252	3,048	211,394	45
Brunei Darussalam	2017	..	..	..	..	..	..
	2018	..	..	..	..	..	..
	2019	..	341	..	..	341	779
	2020	..	1,200	..	..	1,200	2,717
Cambodia	2017	42	1,884	..	..	1,926	122
	2018	65	1,774	..	..	1,839	115
	2019	77	2,158	..	..	2,235	138
	2020	91	2,274	..	..	2,365	144
Georgia	2017	268	..	2	2	264	70
	2018	138	..	2	-2	138	37
	2019	15	..	1	11	4	1
	2020	99	..	1	15	84	22
India	2017	46,255	10	4	327	45,934	34
	2018	44,283	19	40	1,538	42,724	31
	2019	42,103	54	93	177	41,887	30
	2020	36,614	19	150	604	35,879	26
Israel	2017	449	..	..	..	449	54
	2018	415	..	..	..	415	49
	2019	403	..	..	..	403	47
	2020	393	..	..	..	393	45
Kazakhstan	2017	6,095	..	2,231	-554	4,418	241
	2018	6,561	0	2,757	5	3,799	205
	2019	5,929	0	2,698	36	3,195	170
	2020	5,422	..	3,564	-129	1,987	105
Korea, Dem.Ppl's.Rep.	2017	1,921	..	..	..	1,921	75
	2018	1,602	..	..	..	1,602	62
	2019	1,791	..	..	..	1,791	70
	2020	1,685	..	..	..	1,685	65
Korea, Republic of	2017	..	9,769	..	..	9,769	190
	2018	..	9,828	..	..	9,828	190
	2019	..	9,449	..	..	9,449	182
	2020	..	8,007	..	..	8,007	154
Kyrgyzstan	2017	1,624	3	272	139	1,216	199
	2018	2,071	4	367	-185	1,893	304
	2019	2,277	14	448	-26	1,869	296
	2020	2,155	4	400	-21	1,780	277
Lao People's Dem. Rep.	2017	13,440	..	209	-1,116	14,347	2,050
	2018	15,903	..	413	*-1,061	16,551	2,330
	2019	15,264	..	*550	*-454	15,168	2,103
	2020	14,367	..	*518	*-681	14,530	1,985
Mongolia	2017	6,783	..	408	58	6,317	2,040
	2018	7,015	..	507	-20	6,529	2,064
	2019	6,977	..	137	..	6,840	2,116
	2020	7,105	..	90	..	7,015	2,129

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Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Other Asia	2017	..	12,362	..	511	11,851	501
	2018	..	11,606	..	-340	11,946	504
	2019	..	11,751	..	265	11,485	483
	2020	..	11,658	..	1,045	10,613	446
Philippines	2017	11,932	22,268	6,149	-1,269	29,320	275
	2018	11,755	26,301	5,035	2,044	30,976	285
	2019	13,751	27,692	9,980	-1,658	33,122	300
	2020	12,951	29,524	7,525	1,706	33,244	296
Saudi Arabia	2017	..	1	..	..	1	0
	2018	..	2	..	..	2	0
	2019	..	2	0	..	2	0
	2020	..	1	..	..	1	0
Tajikistan	2017	53	1	..	..	54	6
	2018	65	1	..	..	66	7
	2019	65	9	..	..	74	8
	2020	78	26	..	..	104	11
Thailand	2017	16,259	193	..	163	16,289	230
	2018	14,852	226	..	491	14,587	205
	2019	14,078	383	..	375	14,086	198
	2020	13,250	148	..	-29	13,427	188
Türkiye	2017	72,864	..	1	-72	72,935	888
	2018	82,835	..	1	353	82,481	996
	2019	85,883	..	1	811	85,071	1,019
	2020	73,646	..	4	1,386	72,256	859
Uzbekistan	2017	3,915	660	0	193	4,383	137
	2018	3,993	722	0	-1,275	5,990	185
	2019	3,806	717	0	-197	4,720	143
	2020	3,869	2,107	..	-848	6,824	204
<b>Europe</b>	<b>2017</b>	<b>549,089</b>	<b>5,769</b>	<b>10,358</b>	<b>-1,779</b>	<b>546,279</b>	<b>732</b>
	<b>2018</b>	<b>538,751</b>	<b>5,343</b>	<b>12,351</b>	<b>-1,465</b>	<b>533,208</b>	<b>713</b>
	<b>2019</b>	<b>473,840</b>	<b>5,554</b>	<b>13,400</b>	<b>4,203</b>	<b>461,791</b>	<b>617</b>
	<b>2020</b>	<b>396,846</b>	<b>4,717</b>	<b>13,793</b>	<b>-2,494</b>	<b>390,264</b>	<b>521</b>
Austria	2017	..	76	0	..	76	9
	2018	..	80	0	..	79	9
	2019	..	68	0	..	68	8
	2020	..	64	0	..	64	7
Belgium	2017	53	14	7	8	53	5
	2018	78	3	1	-3	83	7
	2019	87	1	1	-5	92	8
	2020	82	2	0	-2	86	7
Bosnia and Herzegovina	2017	14,084	98	239	-186	14,129	4,107
	2018	14,505	106	195	262	14,154	4,163
	2019	13,377	117	163	489	12,842	3,821
	2020	13,536	71	157	-238	13,688	4,125
Bulgaria	2017	34,277	1	22	583	33,672	4,688
	2018	30,263	..	43	54	30,166	4,238
	2019	28,040	..	50	82	27,908	3,957
	2020	22,342	..	28	0	22,314	3,197
Croatia	2017	..	49	..	..	49	12
	2018	..	36	..	..	36	9
	2019	..	31	..	..	31	7
	2020	..	18	..	..	18	4

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Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Czechia	2017	39,306	205	941	-91	38,661	3,671
	2018	39,204	185	838	-243	38,794	3,682
	2019	37,486	62	685	670	36,193	3,435
	2020	29,433	54	491	-450	29,445	2,796
Estonia	2017	21,625	..	..	-266	21,891	16,615
	2018	21,883	..	..	509	21,374	16,166
	2019	15,877	..	..	624	15,253	11,494
	2020	12,144	..	..	103	12,041	9,057
France	2017	..	61	..	11	50	1
	2018	..	67	..	-9	77	1
	2019	..	55	..	-4	59	1
	2020	..	45	..	-10	56	1
Germany	2017	171,286	30	..	102	171,214	2,072
	2018	166,258	21	..	-920	167,199	2,017
	2019	131,314	24	..	-113	131,451	1,581
	2020	107,377	27	..	-26	107,430	1,289
Greece	2017	37,731	0	..	-330	38,061	3,560
	2018	36,489	..	..	-180	36,669	3,449
	2019	27,375	..	..	754	26,621	2,518
	2020	14,054	..	2	-328	14,380	1,368
Hungary	2017	7,972	173	2	34	8,109	828
	2018	7,898	159	3	-91	8,145	833
	2019	6,847	113	4	74	6,882	704
	2020	6,125	80	2	1	6,202	636
Italy	2017	..	11	..	..	11	0
	2018	..	2	..	..	2	0
	2019	..	1	..	..	1	0
	2020	..	1	..	..	1	0
Kosovo	2017	7,575	9	14	-33	7,602	4,390
	2018	7,661	9	9	-32	7,692	4,499
	2019	8,063	11	27	-26	8,073	4,786
	2020	8,382	19	9	124	8,268	4,949
Lithuania	2017	..	3	..	0	3	1
	2018	..	2	..	0	1	0
	2019	..	..	..	-1	1	0
	2020	..	..	..	0	0	0
Montenegro	2017	1,475	5	97	..	1,383	2,187
	2018	1,596	5	94	-65	1,573	2,491
	2019	1,605	5	111	6	1,494	2,370
	2020	1,665	6	81	-3	1,594	2,533
Netherlands	2017	..	51	..	0	51	3
	2018	..	48	..	0	48	3
	2019	..	10	..	0	10	1
	2020	..	16	..	..	16	1
North Macedonia	2017	5,094	127	2	-153	5,372	2,544
	2018	4,995	112	0	287	4,820	2,281
	2019	5,477	146	1	-277	5,900	2,791
	2020	5,029	173	1	-2	5,203	2,464
Poland	2017	61,161	328	256	49	61,184	1,588
	2018	58,571	276	287	-24	58,583	1,521
	2019	50,329	290	148	10	50,461	1,311
	2020	45,983	151	54	-26	46,107	1,200

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Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Romania	2017	25,752	669	2	201	26,219	1,331
	2018	23,647	588	6	-724	24,953	1,273
	2019	21,652	882	0	315	22,218	1,138
	2020	15,031	496	2	-319	15,844	815
Russian Federation	2017	74,886	2,321	8,701	-1,662	70,168	482
	2018	80,478	2,160	10,796	25	71,817	493
	2019	81,886	2,338	12,116	1,674	70,434	483
	2020	71,834	2,229	12,894	-328	61,497	422
Serbia	2017	39,806	488	74	42	40,178	5,382
	2018	37,649	369	80	-560	38,498	5,179
	2019	38,881	378	94	517	38,648	5,222
	2020	39,673	328	73	-746	40,674	5,528
Slovakia	2017	1,834	556	..	41	2,349	432
	2018	1,502	595	..	43	2,054	377
	2019	1,465	507	..	45	1,927	353
	2020	981	486	..	-211	1,678	308
Slovenia	2017	3,356	372	..	-14	3,742	1,783
	2018	3,217	411	..	-51	3,678	1,746
	2019	3,143	418	..	97	3,464	1,639
	2020	3,175	348	..	72	3,450	1,629
Spain	2017	1,816	..	..	-114	1,930	41
	2018	1,630	..	..	250	1,380	29
	2019	..	..	..	-729	729	15
	2020	..	..	..	-105	105	2
Switzerland	2017	..	123	..	1	122	14
	2018	..	110	..	3	107	13
	2019	..	97	..	1	96	11
	2020	..	103	..	1	102	12
Ukraine	2017	..	..	..	..	..	..
	2018	1,228	..	..	2	1,226	28
	2019	935	..	..	..	935	21
	2020	..	..	..	..	..	..
<b>Latin America &amp; Carib.</b>	<b>2017</b>	<b>7,171</b>	<b>2,178</b>	<b>..</b>	<b>2,874</b>	<b>6,475</b>	<b>10</b>
	<b>2018</b>	<b>6,971</b>	<b>2,010</b>	<b>..</b>	<b>-321</b>	<b>9,302</b>	<b>15</b>
	<b>2019</b>	<b>5,626</b>	<b>1,418</b>	<b>..</b>	<b>-622</b>	<b>7,666</b>	<b>12</b>
	<b>2020</b>	<b>3,531</b>	<b>237</b>	<b>..</b>	<b>-164</b>	<b>3,932</b>	<b>6</b>
Guyana	2017	..	..	..	..	..	..
	2018	..	..	..	..	..	..
	2019	..	1	..	..	1	1
	2020	..	..	..	..	..	..
Mexico	2017	7,171	2,178	..	2,874	6,475	53
	2018	6,971	2,010	..	-321	9,302	75
	2019	5,626	1,417	..	-622	7,665	61
	2020	3,531	237	..	-164	3,932	31
<b>Northern America</b>	<b>2017</b>	<b>413,420</b>	<b>2,871</b>	<b>7,968</b>	<b>-9,739</b>	<b>418,062</b>	<b>1,141</b>
	<b>2018</b>	<b>385,294</b>	<b>2,881</b>	<b>7,265</b>	<b>-19,683</b>	<b>400,593</b>	<b>1,085</b>
	<b>2019</b>	<b>350,174</b>	<b>2,821</b>	<b>6,024</b>	<b>11,537</b>	<b>335,434</b>	<b>902</b>
	<b>2020</b>	<b>282,544</b>	<b>3,374</b>	<b>3,940</b>	<b>6,860</b>	<b>275,118</b>	<b>736</b>
Canada	2017	30,937	1,404	135	-669	32,875	899
	2018	25,101	1,292	291	95	26,007	702
	2019	19,284	926	128	-288	20,370	543
	2020	14,792	1,328	190	350	15,580	411

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Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
United States	2017	382,483	1,467	7,833	-9,070	385,187	1,168
	2018	360,193	1,589	6,974	-19,778	374,586	1,128
	2019	330,890	1,895	5,896	11,825	315,064	942
	2020	267,752	2,046	3,750	6,510	259,538	773
<b>Oceania</b>	<b>2017</b>	<b>86,494</b>	<b>392</b>	<b>44</b>	<b>-184</b>	<b>87,027</b>	<b>2,081</b>
	<b>2018</b>	<b>76,068</b>	<b>526</b>	<b>28</b>	<b>90</b>	<b>76,476</b>	<b>1,798</b>
	<b>2019</b>	<b>71,530</b>	<b>962</b>	<b>10</b>	<b>79</b>	<b>72,404</b>	<b>1,673</b>
	<b>2020</b>	<b>68,695</b>	<b>1,040</b>	<b>33</b>	<b>219</b>	<b>69,483</b>	<b>1,582</b>
Australia	2017	84,788	..	..	..	84,788	3,448
	2018	74,156	..	..	..	74,156	2,969
	2019	69,787	..	..	..	69,787	2,752
	2020	67,005	..	..	..	67,005	2,610
New Zealand	2017	1,706	392	44	-184	2,239	472
	2018	1,912	526	28	90	2,320	479
	2019	1,743	962	10	79	2,617	528
	2020	1,690	1,040	33	219	2,478	490