

Table 8

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.

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Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
World	2020	924,202	77,407	29,529	7,782	964,298	122
	2021	993,470	79,918	34,921	-28,644	1,067,111	134
	2022	1,024,951	81,067	33,787	5,582	1,066,649	133
	2023	918,713	81,982	39,197	31,789	929,709	115
Africa	2020	247	..	..	1	246	0
	2021	106	..	..	0	105	0
	2022	235	..	..	18	217	0
	2023	198	..	..	0	198	0
Niger	2020	247	..	..	1	246	10
	2021	106	..	..	0	105	4
	2022	235	..	..	*18	217	9
	2023	198	..	..	0	198	8
Asia	2020	171,652	68,040	11,764	3,711	224,217	48
	2021	196,563	70,908	13,635	125	253,711	54
	2022	207,080	72,944	10,495	7,972	261,557	55
	2023	188,952	73,134	15,060	154	246,871	52
Brunei Darussalam	2020	..	1,200	..	..	1,200	2,682
	2021	..	1,297	..	..	1,297	2,871
	2022	..	1,257	..	..	1,257	2,761
	2023	..	1,259	..	..	1,259	2,743
Cambodia	2020	18	3,423	..	..	3,441	206
	2021	25	3,025	..	..	3,050	180
	2022	26	2,908	..	..	2,934	171
	2023	27	5,570	..	..	5,598	321
Cyprus	2020	..	..	..	..	..	..
	2021	..	..	..	..	..	..
	2022	..	..	..	..	..	..
	2023	..	22	..	14	8	6
Georgia	2020	99	..	1	15	84	22
	2021	148	..	1	-4	151	40
	2022	146	..	0	2	144	38
	2023	148	..	0	-14	162	43
India	2020	36,614	19	150	604	35,879	26
	2021	47,490	68	18	1,592	45,948	32
	2022	44,990	23	2	1,833	43,178	30
	2023	42,921	52	2	327	42,644	30
Israel	2020	393	..	..	..	393	45
	2021	431	..	..	..	431	48
	2022	254	..	..	..	254	28
	2023	254	..	..	..	254	27
Jordan	2020	..	..	..	..	..	..
	2021	*248	..	..	..	*248	*22
	2022	*1,339	..	..	..	*1,339	*119
	2023	3,589	..	..	..	3,589	314
Kazakhstan	2020	5,422	..	3,564	-129	1,987	102
	2021	4,861	0	3,203	252	1,406	71
	2022	5,665	0	2,261	309	3,096	155
	2023	5,245	1	2,710	862	1,673	82
Korea, Dem.Ppl's.Rep.	2020	1,685	1,685	64
	2021	1,383	1,383	53
	2022	1,445	1,445	55
	2023	1,516	1,516	57

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Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Korea, Republic of	2020	..	1,833	..	..	1,833	35
	2021	..	2,036	..	..	2,036	39
	2022	..	2,016	..	..	2,016	39
	2023	..	1,891	..	..	1,891	37
Kyrgyzstan	2020	2,155	4	400	-21	1,780	267
	2021	2,493	2	549	18	1,928	283
	2022	3,214	10	817	-874	3,281	472
	2023	3,263	17	953	88	2,239	317
Lao People's Dem. Rep.	2020	14,367	..	..	*37	14,330	1,951
	2021	13,618	..	..	*-862	14,480	1,943
	2022	15,358	..	..	*28	15,330	2,028
	2023	15,255	..	373	*-583	15,465	2,018
Mongolia	2020	7,105	..	90	..	7,015	2,132
	2021	7,488	1	430	..	7,059	2,114
	2022	7,434	14	128	..	7,319	2,162
	2023	9,568	11	2,907	..	6,672	1,944
Other Asia	2020	..	11,658	..	962	10,697	452
	2021	..	11,016	..	-103	11,119	472
	2022	..	11,881	..	519	11,362	485
	2023	..	10,317	..	-199	10,515	451
Pakistan	2020	..	2,717	1	..	2,717	12
	2021	..	5,419	2	..	5,418	23
	2022	..	4,943	1	..	4,942	20
	2023	..	2,736	2	..	2,735	11
Philippines	2020	12,951	29,524	7,525	1,706	33,244	297
	2021	14,048	31,239	9,298	154	35,834	317
	2022	14,457	32,696	7,094	3,918	36,141	317
	2023	14,751	36,892	8,030	839	42,774	372
Saudi Arabia	2020	..	1	..	..	1	0
	2021	..	1	..	..	1	0
	2022	..	1	..	..	1	0
	2023	..	12	0	..	12	0
Tajikistan	2020	78	26	..	..	104	11
	2021	96	..	..	..	96	10
	2022	140	5	..	..	144	14
	2023	130	14	..	..	144	14
Thailand	2020	13,250	15,527	29	..	28,748	401
	2021	14,222	15,306	101	..	29,427	410
	2022	13,641	15,363	166	..	28,838	402
	2023	12,812	11,828	56	..	24,584	343
Türkiye	2020	73,646	..	4	1,386	72,256	839
	2021	85,230	..	33	-1,330	86,527	998
	2022	93,896	..	14	2,488	91,394	1,050
	2023	73,176	..	11	-792	73,957	847
Uzbekistan	2020	3,869	2,107	0	-848	6,824	203
	2021	4,781	1,499	0	409	5,871	171
	2022	5,074	1,826	12	-252	7,140	204
	2023	6,296	*2,511	15	-388	9,180	257
Europe	2020	397,151	4,715	13,793	-2,845	390,917	520
	2021	422,498	4,518	15,192	-4,600	416,423	555
	2022	444,905	5,088	19,094	-63	430,963	575
	2023	368,845	7,347	19,652	4,563	351,977	471

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Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
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Austria	2020	..	64	0	..	64	7
	2021	..	59	0	..	59	7
	2022	..	68	0	..	68	8
	2023	..	48	48	5
Belgium	2020	143	2	0	-2	147	13
	2021	113	1	0	0	114	10
	2022	99	2	1	0	100	9
	2023	110	1	3	1	107	9
Bosnia and Herzegovina	2020	13,536	71	157	-238	13,688	4,149
	2021	12,831	37	161	-519	13,227	4,076
	2022	13,328	40	958	-398	12,807	3,996
	2023	13,075	28	943	298	11,862	3,724
Bulgaria	2020	22,587	..	28	-13	22,572	3,255
	2021	28,419	..	8	-47	28,457	4,138
	2022	35,569	..	466	173	34,931	5,117
	2023	21,084	..	1,091	174	19,819	2,916
Croatia	2020	..	18	..	..	18	5
	2021	..	6	..	..	6	1
	2022	..	8	..	..	8	2
	2023	..	5	..	..	5	1
Czechia	2020	29,433	54	491	-782	29,778	2,822
	2021	29,279	38	337	-694	29,675	2,818
	2022	33,388	22	981	-198	32,628	3,057
	2023	28,663	4	560	1,376	26,730	2,473
Estonia	2020	12,144	..	..	103	12,041	9,056
	2021	11,743	..	..	-1,443	13,186	9,901
	2022	13,967	..	..	-1,092	15,060	11,155
	2023	13,362	..	..	1,339	12,023	8,794
France	2020	..	45	..	-10	56	1
	2021	..	45	..	-1	46	1
	2022	..	24	..	1	24	0
	2023	..	19	..	-3	22	0
Germany	2020	107,377	27	..	-25	107,430	1,285
	2021	126,257	27	..	105	126,179	1,508
	2022	130,801	30	..	-33	130,864	1,556
	2023	102,254	27	..	171	102,111	1,208
Greece	2020	14,054	..	2	-328	14,380	1,344
	2021	12,398	..	..	-816	13,214	1,249
	2022	14,251	..	361	829	13,061	1,254
	2023	10,771	..	798	342	9,630	940
Hungary	2020	6,125	80	2	1	6,202	636
	2021	4,988	70	3	20	5,035	519
	2022	4,927	109	3	70	4,963	512
	2023	4,072	44	14	-21	4,123	426
Italy	2020	..	1	..	..	1	0
	2021	..	1	..	..	1	0
	2022	..	0	..	..	0	0
	2023	..	..	..	..	..	..
Kosovo	2020	8,382	19	9	124	8,268	4,721
	2021	8,535	48	266	-51	8,368	4,805
	2022	8,279	9	127	-42	8,203	4,775
	2023	6,924	18	130	-48	6,861	4,036

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						Total	Per capita
Lithuania	2020	0	0	0
	2021
	2022	..	27	..	2	25	9
	2023	..	19	..	-1	20	7
Montenegro	2020	1,665	6	81	-3	1,594	2,621
	2021	1,549	..	148	-3	1,403	2,324
	2022	1,723	..	243	..	1,479	2,407
	2023	1,862	..	205	-1	1,658	2,617
Netherlands (Kingd. of the)	2020	..	14	..	..	14	1
	2021	..	7	..	..	7	0
	2022	..	14	..	..	14	1
	2023	..	16	..	..	16	1
North Macedonia	2020	5,028	173	1	-7	5,207	2,782
	2021	4,119	355	0	132	4,342	2,346
	2022	5,079	738	53	-7	5,771	3,136
	2023	3,994	1,341	58	-38	5,314	2,901
Poland	2020	45,983	151	54	-26	46,107	1,208
	2021	52,356	130	9	-139	52,615	1,383
	2022	54,621	270	0	82	54,808	1,428
	2023	40,101	254	0	-20	40,375	1,042
Romania	2020	15,031	496	2	-319	15,844	817
	2021	17,733	597	..	-541	18,872	980
	2022	18,201	533	226	-26	18,533	967
	2023	14,745	277	253	41	14,728	770
Russian Federation	2020	71,834	2,229	12,894	-328	61,497	420
	2021	72,074	2,201	14,219	..	60,057	412
	2022	72,315	..	15,647	..	56,668	389
	2023	72,557	..	15,579	..	56,978	392
Serbia	2020	39,673	328	73	-746	40,674	5,888
	2021	36,418	386	40	-254	37,017	5,415
	2022	35,130	2,158	27	205	37,056	5,456
	2023	31,938	4,323	17	466	35,778	5,282
Slovakia	2020	981	486	..	-211	1,678	308
	2021	1,074	234	..	2	1,306	240
	2022	869	494	..	17	1,346	246
	2023	762	414	..	-82	1,258	228
Slovenia	2020	3,175	348	..	72	3,450	1,641
	2021	2,612	169	..	-351	3,132	1,482
	2022	2,358	436	..	352	2,442	1,154
	2023	2,571	424	..	566	2,429	1,147
Spain	2020	..	..	..	-105	105	2
	2021	..	..	..	..	..	..
	2022	..	..	..	..	..	..
	2023	..	..	..	..	..	..
Switzerland	2020	..	103	..	1	102	12
	2021	..	106	..	3	103	12
	2022	..	106	..	1	105	12
	2023	..	83	..	1	82	9
Ukraine	2020
	2021	..	0	..	-1	1	0
	2022
	2023

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Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Latin America & Carib.	2020	3,531	237	..	-164	3,932	6
	2021	4,569	69	..	-63	4,701	7
	2022	4,572	335	..	11	4,896	7
	2023	5,222	11	..	-866	6,099	9
Chile	2020	..	..	..	..	..	..
	2021	..	..	..	..	..	..
	2022	..	77	..	..	77	4
	2023	..	0	..	..	0	0
Guyana	2020	..	..	..	..	..	..
	2021	..	0	..	..	0	1
	2022	..	0	..	..	0	0
	2023	..	2	..	..	2	2
Mexico	2020	3,531	237	..	-164	3,932	31
	2021	4,569	69	..	-63	4,701	37
	2022	4,572	252	..	9	4,815	37
	2023	5,222	4	..	-864	6,090	47
Uruguay	2020	..	0	..	..	0	0
	2021	..	0	..	..	0	0
	2022	..	6	..	2	4	1
	2023	..	6	..	-2	7	2
Northern America	2020	282,926	3,375	3,940	6,860	275,502	729
	2021	301,912	2,616	6,039	-24,386	322,876	852
	2022	302,643	2,014	4,152	-2,441	302,945	796
	2023	292,971	1,288	4,462	28,216	261,580	683
Canada	2020	15,174	1,329	190	350	15,964	418
	2021	15,769	734	190	-1,617	17,931	466
	2022	11,306	417	187	80	11,455	295
	2023	9,974	92	91	-900	10,874	277
United States	2020	267,752	2,046	3,750	6,510	259,538	765
	2021	286,143	1,882	5,849	-22,769	304,945	896
	2022	291,337	1,597	3,965	-2,521	291,490	853
	2023	282,997	1,196	4,371	29,116	250,706	730
Oceania	2020	68,695	1,040	33	219	69,483	1,576
	2021	67,822	1,806	55	279	69,294	1,555
	2022	65,516	687	46	86	66,071	1,467
	2023	62,525	202	23	-279	62,984	1,382
Australia	2020	67,005	..	..	..	67,005	2,603
	2021	66,211	..	..	..	66,211	2,551
	2022	64,109	..	..	..	64,109	2,447
	2023	61,232	..	..	..	61,232	2,315
New Zealand	2020	1,690	1,040	33	219	2,478	489
	2021	1,611	1,806	55	279	3,083	604
	2022	1,407	687	46	86	1,962	382
	2023	1,293	202	23	-279	1,752	339