

REPORT IN FIGURES

2024 preliminary



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The Hard Coal Market in Germany

Volumes and Prices 1957 - 2024															
Quantities								Prices							
Imports of Hard Coal and Coke t=t ¹⁾				Domestic Production of Hard Coal Tonnes Usable Production				Steam Coal From Third Countries ¹⁾				Domestic Coal ²⁾			
Year	Mill. t	Year	Mill. t	Year	Mill. t	Year	Mill. t	Year	€/TCE	Year	€/TCE	Year	€/TCE	Year	€/TCE
1957	18.9	1991	16.8	1957	149.4	1991	66.1	1957	40	1991	46	1957	29	1991	139
1958	13.9	1992	17.3	1958	148.8	1992	65.5	1958	37	1992	42	1958	29	1992	147
1959	7.5	1993	15.2	1959	141.7	1993	57.9	1959	34	1993	37	1959	29	1993	148
1960	7.3	1994	18.1	1960	142.3	1994	52.0	1960	33	1994	36	1960	29	1994	149
1961	7.3	1995	17.7	1961	142.7	1995	53.1	1961	31	1995	39	1961	29	1995	149
1962	8.0	1996	20.3	1962	141.1	1996	47.9	1962	30	1996	38	1962	30	1996	149
1963	8.7	1997	24.3	1963	142.1	1997	45.8	1963	30	1997	42	1963	30	1997	149
1964	7.7	1998	30.2	1964	142.2	1998	40.7	1964	30	1998	37	1964	31	1998	149
1965	8.0	1999	30.3	1965	135.1	1999	39.2	1965	29	1999	34	1965	32	1999	149
1966	7.5	2000	33.9	1966	126.0	2000	33.3	1966	29	2000	42	1966	32	2000	149
1967	7.4	2001	39.5	1967	112.0	2001	27.1	1967	29	2001	53	1967	32	2001	149
1968	6.2	2002	39.2	1968	112.0	2002	26.1	1968	28	2002	45	1968	30	2002	160
1969	7.5	2003	41.3	1969	111.6	2003	25.7	1969	27	2003	40	1969	31	2003	160
1970	9.7	2004	44.3	1970	111.3	2004	25.7	1970	31	2004	55	1970	37	2004	160
1971	7.8	2005	39.9	1971	110.8	2005	24.7	1971	32	2005	65	1971	41	2005	160
1972	7.9	2006	46.5	1972	102.5	2006	20.7	1972	31	2006	62	1972	43	2006	170
1973	8.4	2007	47.5	1973	97.3	2007	21.3	1973	31	2007	68	1973	46	2007	170
1974	7.1	2008	48.0	1974	94.9	2008	17.1	1974	42	2008	112	1974	56	2008	170
1975	7.5	2009	39.5	1975	92.4	2009	13.8	1975	42	2009	79	1975	67	2009	170
1976	7.2	2010	45.2	1976	89.3	2010	12.9	1976	46	2010	85	1976	76	2010	170
1977	7.3	2011	48.4	1977	84.5	2011	12.1	1977	43	2011	107	1977	76	2011	170
1978	7.5	2012	43.8	1978	83.5	2012	10.8	1978	43	2012	93	1978	84	2012	180
1979	8.9	2013	51.2	1979	85.8	2013	7.6	1979	46	2013	79	1979	87	2013	180
1980	10.2	2014	59.9	1980	86.6	2014	7.6	1980	56	2014	73	1980	100	2014	180
1981	11.3	2015	58.6	1981	87.9	2015	6.2	1981	84	2015	68	1981	113	2015	180
1982	11.5	2016	57.2	1982	88.4	2016	3.8	1982	86	2016	67	1982	121	2016	180
1983	9.8	2017	51.1	1983	81.7	2017	3.7	1983	75	2017	92	1983	125	2017	180
1984	9.6	2018	47.5	1984	78.9	2018	2.6	1984	72	2018	95	1984	130	2018	180
1985	10.7	2019	43.2	1985	81.8	2019	-	1985	81	2019	79	1985	130	2019	-
1986	10.9	2020	31.3	1986	80.3	2020	-	1986	60	2020	63	1986	130	2020	-
1987	8.8	2021	41.0	1987	75.8	2021	-	1987	46	2021	119	1987	132	2021	-
1988	8.1	2022	44.9	1988	72.9	2022	-	1988	42	2022	376	1988	134	2022	-
1989	7.3	2023	32.9	1989	71.0	2023	-	1989	49	2023	213	1989	137	2023	-
1990	11.7	2024	27.2	1990	69.8	2024	-	1990	49	2024	173	1990	138	2024	-

Figures: From 1991, incl. new German states; euro values rounded off

¹⁾ Including anthracite and briquettes ¹⁾ Price free German border ²⁾ Estimated breakeven price

Sources: German Federal Statistical Office according to energy statistics law, from 2012 according to "Außenhandelsstatistik" / Carbon Statistics from Kohlenwirtschaft / BAFA / own calculations

Table 23

World Energy Consumption by Energy Source and Region in Mill. TCE										
Energy Source	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Oil	6 074	6 188	6 510	6 581	6 532	6 547	5 943	6 308	6 538	6 702
Natural Gas	4 402	4 479	4 390	4 488	4 731	4 795	4 724	4 996	4 924	4 926
Nuclear Energy	822	833	845	853	824	851	834	864	823	838
Hydroelectric Power	1 263	1 276	1 305	1 314	1 274	1 286	1 402	1 378	1 385	1 353
Hard Coal and Lignite	5 587	5 485	5 294	5 312	5 418	5 379	5 155	5 474	5 512	5 597
Miscellaneous and Renewable Energies	452	521	596	700	881	983	1 187	1 364	1 542	1 726
Total	18 600	18 782	18 940	19 249	19 662	19 842	19 245	20 384	20 723	21 142
Primary Energy Consumption	shares in %									
Consumption Regions	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
North America	21,8	21,3	20,8	20,4	20,4	20,1	19,3	19,3	19,4	18,8
Asia/Australia	41,3	41,6	42,1	42,7	43,3	44,1	45,5	45,5	45,9	47,1
European Union	12,5	12,4	12,6	12,6	12,1	10,4	10,1	10,1	9,5	9,1
CIS	7,7	7,4	7,3	6,6	6,7	6,7	6,6	6,8	6,7	6,6
Rest of World	16,7	17,3	17,2	17,7	17,4	18,6	18,4	18,3	18,5	18,4
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Coal Consumption (Hard Coal and Lignite)	Mill. TCE									
	5 587	5 485	5 294	5 312	5 418	5 379	5 155	5 474	5 512	5 597
Consumption Regions	shares in %									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
North America	12,6	11,2	10,0	9,8	9,1	7,9	6,6	7,0	6,5	5,4
Asia/Australia	71,5	72,6	74,0	74,5	75,3	77,6	79,9	79,6	80,4	82,7
European Union	7,0	6,9	6,9	6,3	5,9	4,6	4,0	4,3	4,3	3,3
CIS	4,2	4,2	4,2	3,4	3,5	3,5	3,4	3,1	3,4	3,3
Rest of World	4,7	5,1	4,9	6,0	6,1	6,3	6,2	5,9	5,5	5,2
Total	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
Includes commercially traded energy sources only										
Sources: BEnergy Institute, London, „Statistical Review of World Energy 2024“, 20.06.2024 / own calculations										

Table 1

World Hard Coal Production/Foreign Trade ¹⁾

	2019			2020			2021		
	Production	Export	Import	Production	Export	Import	Production	Export	Import
Germany	0	1	41	0	1	30	0	2	39
France	0	0	10	0	0	7	0	0	9
UK	2	0	5	see remaining countries			see remaining countries		
Spain ²⁾	0	0	8	0	0	4	0	0	5
Poland	62	4	17	54	5	13	55	6	13
Czech Republic	3	3	2	2	3	3	2	3	5
Romania/Bulgaria	0	0	2	0	0	1	0	0	2
Rest of EU 27 ⁴⁾	0	0	52	0	0	27	0	0	34
EU 27 ⁴⁾	67	8	137	56	9	85	57	11	107
Russia	437	208	25	401	198	25	437	213	26
Kazakhstan	115	28	1	113	29	1	112	32	1
Ukraine	31	0	21	29	0	17	23	0	17
Designated Countries	583	236	47	543	227	43	572	245	44
Canada	52	36	7	41	32	6	42	32	6
USA	640	84	5	441	62	5	481	77	5
Colombia	82	76	0	49	52	0	59	56	0
Venezuela	0	0	1	1	0	0	0	0	0
Designated Countries	774	196	13	532	146	11	582	165	11
South Africa	259	79	0	248	75	0	229	66	0
Australia	472	395	0	440	370	0	425	366	0
India	711	0	240	719	0	214	766	0	190
PR China	3 746	6	197	3 812	3	205	4 026	3	205
Japan	0	0	186	0	0	174	0	0	183
Indonesia ³⁾	532	372	0	498	342	0	522	344	0
Designated Countries	4 989	378	623	5 029	345	593	5 314	347	578
Rest of Asia			361			354			336
Remaining countries/ Statistical difference	144	54	164	173	43	129	173	33	157
World	7 288	1 346	1 346	7 021	1 215	1 215	7 352	1 233	1 233

¹⁾ Domestic and seaborne trade ²⁾ Production incl. "Lignito Negro" ³⁾ Indonesia: Production incl. dom. lignite consumption, but excluding lignite exports ⁴⁾ until 2019: EU 28 incl. UK

Sources: Statistics from Kohlenwirtschaft, ECE, IEA, statistics of the importing and exporting countries, own calculations

Table 2

Mill. t									
2022			2023			2024			
Production	Export	Import	Production	Export	Import	Production	Export	Import	
0	0	42	0	0	30	0	0	25	Germany
0	0	9	0	0	6	0	0	5	France
see remaining countries			see remaining countries			see remaining countries			UK
0	0	10	0	0	7	0	0	4	Spain ²⁾
53	5	20	48	5	17	44	5	8	Poland
2	1	4	2	0	3	2	0	3	Czech Republic
0	0	2	0	0	1	0	0	1	Romania/Bulgaria
0	0	40	0	0	27	0	0	23	Rest of EU 27 ⁴⁾
55	6	127	50	5	91	46	5	69	EU 27 ⁴⁾
436	196	25	431	195	23	427	177	24	Russia
118	32	0	116	32	0	113	30	0	Kazakhstan
20	0	5	18	0	1	18	0	2	Ukraine
574	228	30	565	227	24	558	207	26	Designated Countries
39	36	5	48	39	6	43	36	5	Canada
548	77	6	487	91	4	428	98	2	USA
57	55	0	53	56	0	59	57	0	Colombia
0	0	0	0	0	0	0	0	0	Venezuela
644	168	11	588	186	10	530	191	7	Designated Countries
230	72	0	232	74	0	245	71	0	South Africa
386	339	0	400	353	0	404	362	0	Australia
861	0	203	969	0	252	1 039	0	248	India
4 486	4	163	4 678	5	311	4 745	7	352	PR China
0	0	183	0	0	167	0	0	166	Japan
585	359	0	671	380	0	734	406	0	Indonesia ³⁾
5 932	363	549	6 318	385	730	6 518	413	766	Designated Countries
		322			320			340	Rest of Asia
197	59	196	195	97	152	189	107	148	Remaining countries/ Statistical difference
8 018	1 235	1 235	8 348	1 327	1 327	8 490	1 356	1 356	World

Seaborne Hard Coal Trade ¹⁾

Exporting Countries	2019			2020			2021		
	Coking Coal	Steam Coal	Total	Coking Coal	Steam Coal	Total	Coking Coal	Steam Coal	Total
Australia	183	212	395	172	199	371	168	199	367
USA	46	33	79	36	23	59	38	35	73
South Africa	0	79	79	0	75	75	0	66	66
Canada	34	2	35	26	5	31	26	5	31
PR China	1	5	6	1	2	3	1	2	3
Colombia	2	76	78	1	52	53	1	56	57
Indonesia	0	372	372	0	342	342	0	344	344
Poland	0	0	0	2	2	4	2	3	5
Russia	38	130	168	43	117	160	49	122	171
Other (incl. Venezuela)	4	19	23	0	13	13	0	17	17
Total	308	927	1 235	281	830	1 111	285	849	1 134
Importing Countries/Regions	2019			2020			2021		
	Coking Coal	Steam Coal	Total	Coking Coal	Steam Coal	Total	Coking Coal	Steam Coal	Total
Europe ²⁾, of which	39	137	176	31	107	138	38	118	156
EU 27 ⁴⁾	32	87	119	23	54	77	31	67	98
Asia, of which	191	758	949	189	730	919	187	719	906
Japan	43	143	186	40	134	174	43	140	183
South Korea	22	119	141	22	102	124	22	104	126
Taiwan	13	54	67	12	51	63	12	56	68
PR China	49	112	161	54	122	176	41	148	189
Hong Kong	0	10	10	0	6	6	0	7	7
India	57	183	240	54	160	214	60	130	190
Latin America	9	25	34	8	17	25	7	22	29
Other/ Statistical Difference	14	62	76	-2	31	29	-5	48	43
PCI coal included in steam coal ³⁾	55	-55	0	55	-55	0	58	-58	0
Total	308	927	1 235	281	830	1 111	285	849	1 134

Figures excl. overland traffic

¹⁾ Rounding-off differences possible, coking coal exports from Australia and Russia, including PCI coal²⁾ incl. neighbouring Mediterranean countries³⁾ coking coal exports from Australia and Russia, including PCI coal⁴⁾ until 2019: EU 28 incl. UK

Source: Assessment of various sources

Table 3

2022			2023			2024			
Coking Coal	Steam Coal	Total	Coking Coal	Steam Coal	Total	Coking Coal	Steam Coal	Total	
160	179	339	151	202	353	153	209	362	Australia
39	39	78	46	45	91	52	46	98	USA
0	72	72	0	74	74	0	71	71	South Africa
28	8	36	31	8	39	29	7	36	Canada
0	4	4	0	4	4	1	6	7	PR China
1	54	55	1	57	58	2	57	59	Colombia
0	359	359	0	380	380	0	406	406	Indonesia
3	2	5	3	2	5	3	2	5	Poland
39	120	159	53	105	158	57	87	144	Russia
2	18	20	4	19	23	6	20	26	Other (incl. Venezuela)
272	855	1 127	289	896	1 185	303	911	1 214	Total
2022			2023			2024			Importing Countries/Regions
Coking Coal	Steam Coal	Total	Coking Coal	Steam Coal	Total	Coking Coal	Steam Coal	Total	
33	154	187	45	100	145	58	98	156	Europe ²⁾ , of which
32	100	132	36	54	90	28	42	70	EU 27 ⁴⁾
220	667	887	192	852	1 044	188	848	1 036	Asia, of which
42	141	183	40	127	167	37	129	166	Japan
22	103	125	22	97	119	25	91	116	South Korea
11	52	63	10	49	59	11	46	57	Taiwan
38	94	132	102	209	311	122	230	352	PR China
0	6	6	0	6	6	0	5	5	Hong Kong
87	147	234	57	195	252	57	191	248	India
2	20	22	7	16	23	3	19	22	Latin America
-38	69	31	-8	-19	-27	0	0	0	Other/ Statistical Difference
55	-55	0	53	-53	0	54	-54	0	PCI coal included in steam coal ³⁾
272	855	1 127	289	896	1 185	303	911	1 214	Total

Hard Coal Exports from Australia											1 000 t
Importing Countries	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Germany	5 721	5 921	6 608	5 625	5 275	4 771	3 851	5 406	6.305	8 398	8 881
Belgium	39	1 275	231	914	20	1 288	649	297	1.220	1 643	1 623
France	3 219	3 707	3 860	2 779	2 907	2 224	1 797	2 279	2.763	3 023	2 880
UK	1 803	1 729	1 218	935	980	609	²⁾	²⁾	²⁾	²⁾	²⁾
Italy	657	840	778	329	556	334	467	438	650	349	315
The Netherlands	2 778	2 504	3 684	1 813	3 007	2 342	2 189	3 186	5.364	1 144	2 226
Poland	1 278	1 346	1 460	1 160	1 486	1 746	954	1 413	3.387	1 141	563
Spain	1 438	1 340	1 197	870	1 372	302	265	826	1.693	1 297	1 086
Sweden	1 079	1 311	1 363	790	1 024	1 252	1 114	988	1.382	1 084	966
Other EU 28	82	380	579	631	255	388	164	977	940	613	580
EU-27 ²⁾	18 093	20 353	20 979	15 846	16 881	15 254	11 450	15 810	23 704	18 692	19 120
UK							560	585	578	55	278
Israel	174	172	0	0	0	0	0	0	0	0	136
Turkey	633	1 987	1 505	570	424	857	709	4 114	2 547	2 456	2 182
Rest of Europe ¹⁾	624	989	391	245	237	176	9	263	0	328	647
Europe ¹⁾	19 525	23 502	22 875	16 661	17 542	16 287	12 728	20 771	26 829	21 531	22 363
Brazil	4 745	6 615	6 435	5 745	5 048	3 546	3 751	5 573	4 257	4 759	4 751
Chile	901	2 151	3 640	2 201	978	1 206	2 600	2 628	2 666	2 155	530
Mexico	2 437	3 638	2 710	0	0	133	0	0	39	99	0
PR China	93 351	71 416	74 898	83 300	89 491	92 685	73 970	182	0	55 820	84 082
India	46 826	48 115	48 468	44 269	50 072	49 646	52 827	72 419	55 158	49 077	41 695
Indonesia	1 478	2 275	2 702	3 104	4 086	4 231	5 239	8 687	5 727	5 861	6 635
Japan	119 553	125 619	121 648	117 433	116 734	110 047	104 093	119 921	126 132	107 163	110 343
Malaysia	6 003	6 173	6 925	6 295	6 549	6 912	7 763	6 794	7 476	5 901	7 407
South Korea	55 052	59 586	51 122	48 831	47 903	50 323	46 028	61 195	46 222	35 764	32 045
Taiwan	29 869	30 001	36 133	31 703	32 586	34 412	31 562	37 721	33 103	30 117	26 908
Thailand	3 948	3 777	3 585	3 914	3 444	4 094	3 884	7 435	5 458	4 471	4 098
Vietnam	544	1 302	4 097	4 025	6 953	16 068	20 766	15 775	18 259	20 151	17 693
Other Countries	3 276	4 986	6 278	5 474	4 884	4 181	5 258	6 681	7 859	10 586	3 126
Statistical differences	-182	-674	-929	-390	340	1 314	0	0	0	0	0
Total Exports	387 328	388 482	390 586	372 564	386 609	395 086	370 469	365 782	339 185	353 455	361 676
¹⁾ Incl. countries bordering the Mediterranean ²⁾ until 2019: EU 28 incl. UK											
Sources: S&P Global-IHS Markit, coal imports and exports by country and type, from 19.03.2025 / DESTATIS											

Table 7

Hard Coal Exports from Indonesia											1 000 t
Importing Countries	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Germany	0	84	180	0	0	0	0	0	0	0	0
Italy	3 516	3 106	1 686	891	718	0	67	0	1 522	1 306	154
Spain	4 071	4 826	4 944	3 232	2 464	685	0	77	245	0	0
Other EU 28	453	323	450	802	1 132	404	451	172	2 468	482	79
EU-27 ²⁾	8 041	8 339	7 261	4 926	4 313	1 088	518	249	4 235	1 788	233
Rest of Europe ¹⁾	0	253	238	87	0	131	0	0	227	980	838
Europe ¹⁾	8 041	8 592	7 498	5 012	4 313	1 219	518	249	4 462	2 768	1 071
Bangladesh	159	2 847	1 537	2 268	2 613	5 934	7 167	5 056	7 642	11 868	13 245
PR China	49 782	36 684	50 843	47 294	48 136	65 476	62 492	108 487	69 691	81 683	93 165
Hong Kong	12 513	9 267	9 424	8 450	9 028	7 877	3 864	5 270	5 177	4 893	3 965
India	134 452	123 365	94 609	98 553	110 378	121 591	98 243	70 779	110 155	108 933	108 069
Japan	35 579	32 406	33 038	31 421	28 654	27 437	26 965	22 978	26 393	25 278	28 997
Cambodia	641	1 558	1 453	2 382	2 211	2 655	2 854	2 168	2 067	4 336	5 127
Malaysia	14 453	16 505	17 272	21 130	21 983	25 275	26 707	25 497	25 222	28 144	27 185
Pakistan	1 100	1 167	1 473	1 509	3 739	3 417	3 527	2 947	4 345	1 735	841
Philippines	15 021	15 804	17 503	18 978	22 595	27 156	28 061	30 086	30 865	36 115	38 929
South Korea	35 549	32 704	35 019	38 075	37 151	29 550	25 052	21 011	25 883	25 284	26 297
Taiwan	26 988	24 008	20 290	17 454	17 860	18 676	17 603	16 292	18 245	15 119	15 315
Thailand	16 196	17 730	16 384	16 375	19 964	17 600	16 625	15 151	15 338	11 936	13 832
Vietnam	1 529	1 988	2 852	6 340	11 668	15 262	18 033	14 999	10 672	19 796	27 189
Other Countries	4 244	2 620	2 209	3 064	2 589	3 414	4 010	4 483	4 129	1 817	2 534
Statistical differences	0	-53	-180	-31	0	-367	0	0	0	0	0
Total Exports	356 247	327 191	311 225	318 275	342 883	372 175	341 720	345 453	360 286	379 705	405 761
¹⁾ Incl. countries bordering the Mediterranean ²⁾ until 2020 EU-27											
Sources: S&P Global-IHS Markit, coal imports and exports by country and type, from 19.03.2025 / DESTATIS											

Table 8

Hard Coal Exports from Russia											1 000 t
Importing Countries	2014	2015	2016	2017	2018	2019	2020	2021	2022 ³⁾	2023 ³⁾	2024 ³⁾
Germany	13 230	16 564	17 859	19 894	19 170	19 237	14 522	20 076	12 890	573	136
Belgium	2 256	2 239	1 299	838	710	1 520	829	1 617	-	-	-
Denmark	1 258	860	1 307	1 073	1 541	1 508	1 014	622	-	-	-
Finland	3 561	2 498	1 926	1 976	2 377	2 574	1 276	1 234	-	-	-
France	1 151	1 323	2 847	3 056	2 432	2 214	2 179	2 636	-	-	-
UK	24 028	17 180	11 185	12 169	8 942	1 750	see below	see below	-	-	-
Italy	1 442	2 221	1 860	2 298	2 344	2 129	3 008	4 439	-	-	-
Poland	6 439	4 656	5 268	7 641	13 261	10 883	9 831	7 684	-	-	-
Romania	259	591	464	1 169	3 466	1 323	1 036	954	-	-	-
Slovakia	949	1 230	1 281	1 293	1 352	1 415	773	877	-	-	-
Slovenia	5	21	638	192	666	796	175	182	-	-	-
Spain	1 547	3 475	2 463	4 072	2 716	2 041	1 395	1 937	-	-	-
Other EU	13 973	16 637	15 435	18 135	19 299	21 604	14 587	19 376	-	-	-
EU-27¹⁾	70 097	69 494	63 831	73 806	78 275	68 994	50 627	61 635	-	-	-
UK							1 301	2 019	-	-	-
Israel	2 478	2 202	2 491	3 004	2 350	3 170	2 540	2 355	-	-	-
Morocco	1 400	1 596	2 639	3 215	3 166	4 427	7 088	7 648	-	-	-
Turkey	8 615	9 787	11 496	13 715	11 845	9 398	14 726	13 299	-	-	-
Ukraine	9 812	9 007	9 926	9 275	14 029	7 839	9 116	13 670	-	-	-
Belarus	550	817	470	357	1 051	3 537	1 278	1 084	-	-	-
Rest of Europe ²⁾	489	1 134	991	972	1 414	2 201	1 956	1 827	-	-	-
Europe²⁾	93 441	94 037	91 844	104 345	112 131	99 566	88 631	103 537	-	-	-
Mexico	0	0	141	1	0	1 323	157	216	-	-	-
Brazil	239	334	1 152	1 190	1 374	1 333	2 677	4 643	-	-	-
PR China	25 776	16 370	15 991	22 626	22 547	26 695	29 375	43 247	-	-	-
Hong Kong	414	753	944	1 189	1 093	1 124	902	535	-	-	-
India	1 635	3 039	3 191	3 460	4 306	7 448	7 518	5 894	-	-	-
Japan	14 657	15 965	18 544	17 426	18 131	19 968	21 433	21 833	-	-	-
Malaysia	1 500	2 504	3 151	3 064	3 133	3 305	3 596	3 357	-	-	-
South Korea	16 154	19 329	24 757	23 342	25 648	24 039	23 056	20 026	-	-	-
Taiwan	5 502	6 539	7 631	8 768	9 304	8 480	11 221	11 824	-	-	-
Vietnam	186	995	4 015	2 156	2 413	5 825	7 462	3 417	-	-	-
Other Countries	1 964	2 697	4 113	4 000	4 044	5 446	6 443	5 270	-	-	-
Statistical differences	-8 822	-10 061	-9 550	1 256	-941	3 216	-4 408	-630	-	-	-
Total Exports	152 647	152 501	165 924	192 821	203 183	207 771	198 064	223 169	-	-	-
¹⁾ until 2019: EU 28 incl. UK ²⁾ incl. countries bordering the Mediterranean ³⁾ no data from Russia any longer											
Sources: S&P Global-IHS Markit, coal imports and exports by country and type, from 19.03.2025 / DESTATIS											

Table 9

Hard Coal Exports from USA											1 000 t
Importing Countries	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Germany	11 140	11 200	9 547	9 050	10 061	8 566	5 706	6 942	8 972	9 263	7 553
France	1 990	1 208	1 215	1 974	1 547	1 161	882	690	1 658	1 339	1 092
UK	8 897	3 811	965	2 476	3 805	1 258	2)	2)	2)	2)	2)
Italy	5 330	3 112	1 733	2 850	3 091	2 425	1 031	962	1 294	1 554	1 681
Croatia	1 455	1 411	1 173	1 748	2 107	1 628	1 196	1 054	1 211	1 148	868
The Netherlands	4 594	4 441	2 847	3 807	4 497	2 165	32	1 418	2 068	449	313
Austria	355	379	382	519	951	1 986	1 430	1 176	1 016	1 253	1 147
Poland	652	513	219	1 231	1 656	1 329	919	1 054	2 298	1 753	1 470
Spain	1 357	1 151	1 263	1 590	1 657	556	354	618	1 005	1 061	1 002
Other EU 28	3 450	2 843	2 113	4 098	3 135	2 911	1 506	1 516	2 543	2 374	2 258
EU 27 ²⁾	39 221	30 068	21 458	29 343	32 509	23 986	13 058	15 431	22 065	20 194	17 384
Egypt	375	148	1	1 769	3 475	4 242	1 030	2 434	2 754	3 041	4 193
Morocco	2 218	193	941	2 656	3 888	3 149	760	1 938	2 108	3 548	5 433
Turkey	4 045	1 863	1 349	2 326	2 778	1 637	2 469	822	1 727	1 576	2 519
Ukraine	2 573	2 549	1 868	4 049	4 370	4 462	3 277	2 379	384	115	535
UK							1 030	1 374	2 297	768	206
Rest of Europe ¹⁾	1 706	136	142	74	127	46	49	117	166	249	133
Europe ¹⁾	50 139	34 957	25 759	40 216	47 147	37 523	21 673	24 495	31 501	29 491	30 403
Canada	6 089	5 403	4 545	4 794	5 188	4 633	4 160	4 157	3 913	4 501	3 807
Mexico	4 268	3 412	2 807	3 387	4 911	2 276	532	556	364	120	19
Brazil	7 245	5 750	6 294	6 859	7 796	6 817	7 156	5 669	5 826	6 818	7 634
PR China	1 477	208	902	2 936	2 368	1 062	1 621	11 290	2 644	6 018	11 264
India	4 199	5 794	5 015	10 399	15 591	11 643	11 648	13 872	14 743	22 781	22 893
Japan	4 504	4 224	4 133	6 957	9 426	9 968	5 509	6 862	7 325	8 840	8 227
South Korea	7 283	5 563	4 056	8 573	8 456	6 165	5 922	5 786	4 741	5 408	4 269
Other Countries	3 117	2 046	1 148	3 603	4 093	3 427	4 147	4 505	6 895	6 902	9 142
Statistical differences	0	0	0	119	0	0	0	0	0	0	0
Total Exports	88 320	67 358	54 658	87 842	104 977	83 513	62 368	77 192	77 952	90 879	97 658
¹⁾ Incl. countries bordering the Mediterranean ²⁾ until 2019: EU 28 incl. UK											
Sources: S&P Global-IHS Markit, coal imports and exports by country and type, from 19.03.2025 / DESTATIS											

Table 10

Hard Coal Exports from Colombia (only steam coal)											1 000 t
Importing Countries	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Germany	7 273	10 195	10 691	6 053	4 023	1 925	1 913	2 264	7 205	4 995	3 377
Denmark	1 248	574	548	158	449	168	0	0	289	94	149
France	695	756	1 077	1 832	1 010	33	245	680	199	226	37
UK	6 867	4 100	598	329	745	108	²⁾	²⁾	²⁾	²⁾	²⁾
Ireland	1 792	2 131	1 146	1 514	563	439	47	0	824	409	478
Italy	1 205	2 661	3 561	2 609	2 325	1 591	197	33	341	185	82
The Netherlands	8 503	8 463	6 824	3 301	2 373	4 951	799	4 481	2 219	1 896	1 885
Polands	88	154	172	357	554	1 008	650	528	2 066	3 656	1 575
Portugal	4 196	5 357	4 960	4 793	4 236	2 005	259	0	0	0	0
Spain	6 067	5 869	4 653	5 707	4 517	1 727	514	1 770	2 101	1 373	1 026
Other EU-28	479	372	911	639	241	71	0	146	247	429	345
EU-27 ²⁾	38 413	40 630	35 141	27 292	21 036	14 025	4 625	8 113	15 491	13 263	8 954
Israel	5 257	5 845	4 547	3 921	4 284	5 024	4 170	3 375	4 061	3 178	1 750
Turkey	9 300	11 414	16 115	17 031	18 058	18 643	14 834	14 619	11 100	6 182	7 102
UK							76	219	376	395	42
Rest of Europe ¹⁾	0	32	188	187	93	438	184	232	160	0	89
Europe ¹⁾	52 970	57 921	55 991	48 431	43 470	38 130	23 889	26 415	31 188	23 018	17 937
Canada	1 516	1 711	1 445	1 733	2 138	2 075	962	1 312	1 243	1 307	1 303
USA	5 565	6 341	5 649	3 944	2 544	3 060	2 475	1 655	2 340	1 081	85
Dominican Republic	688	794	1 002	958	826	1 059	1 009	919	1 747	1 981	1 682
Guatemala	1 305	1 769	2 060	1 247	2 001	2 566	1 661	1 634	928	1 241	1 315
Mexico	353	242	2 038	6 832	6 015	5 379	32	272	1 980	3 545	3 564
Panama	413	349	325	110	333	925	816	884	838	990	60
Puerto Rico	1 413	1 390	1 564	1 096	1 170	1 594	1 494	1 552	1 408	1 215	1 216
Brazil	4 448	5 042	4 570	4 503	4 965	4 504	3 034	5 663	2 045	2 624	3 198
Chile	5 646	4 380	4 989	6 786	7 687	8 125	6 161	6 341	4 167	3 761	3 788
PR China	0	0	325	80	330	1 649	1 552	3 141	61	3 910	5 896
India	0	0	2 644	495	346	667	3 107	0	13	213	1 727
Japan	0	20	240	1 949	948	607	328	904	1 079	1 706	884
South Korea	0	0	3 771	2 938	5 382	4 773	4 310	2 910	1 975	5 049	9 315
Other Countries	727	887	1 934	1 650	2 012	1 381	1 318	2 349	2 981	4 726	5 499
Statistical differences	0	0	0	0	0	0	0	0	0	0	0
Total Exports	75 044	80 846	88 549	82 753	80 169	76 496	52 148	55 952	53 993	56 367	57 469
¹⁾ Incl. countries bordering the Mediterranean ²⁾ until 2019: EU 28 incl. UK											
Sources: S&P Global-IHS Markit, coal imports and exports by country and type, from 19.03.2025 / DESTATIS											

Table 11

Hard Coal Exports from South Africa											1 000 t
Importing Countries	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Germany	5 122	3 591	2 003	1 629	1 058	803	425	1 030	4 077	3 718	1 982
France	838	386	650	612	571	114	115	80	1 194	450	128
Italy	1 516	3 883	2 799	833	151	0	0	471	3 540	2 222	524
Spain	3 211	2 400	1 092	2 785	1 295	678	0	30	716	355	246
Other EU 28	7 058	635	2 246	1 018	3 370	695	229	912	12 204	3 995	2 087
EU 27 ²⁾	17 745	10 895	8 791	6 877	6 445	2 290	736	2 522	21 731	10 740	4 967
Israel	2 503	2 559	1 003	1 166	683	338	502	833	666	538	722
Morocco	1 338	4 325	2 243	757	353	447	61	584	1 903	662	589
Turkey	3 668	4 548	1 570	1 867	1 697	290	1 860	172	213	56	181
Rest of Europe ¹⁾	742	1 586	1 856	1 134	1 571	269	72	111	93	1 575	2 188
Europe ¹⁾	25 997	23 913	15 463	11 800	10 749	3 636	3 231	4 221	24 606	13 571	8 647
USA	574	504	250	405	475	432	440	687	473	210	67
Brazil	1 014	944	879	998	474	461	347	381	424	533	212
Bangladesh	79	804	617	541	750	1 051	903	986	312	735	895
PR China	3 260	0	60	0	6	0	659	6 665	888	1 162	501
India	30 574	35 299	37 567	36 511	36 344	43 249	38 199	25 306	20 639	29 831	32 285
Japan	145	150	0	311	135	310	85	206	1 238	3 120	3 668
Malaysia	1 610	1 069	1 062	774	571	649	466	784	996	760	687
Pakistan	3 367	3 720	4 922	8 617	9 982	11 912	12 061	12 050	3 680	1 817	3 371
Sri Lanka	0	1 188	2 043	2 270	2 014	1 723	2 485	1 793	1 227	604	0
South Korea	305	318	2 739	8 328	6 827	3 857	1 409	3 240	6 498	6 186	5 743
Taiwan	1 344	1 289	765	3 203	2 774	1 137	1 044	1 814	2 150	4 270	2 246
Vietnam	0	44	511	55	127	2 614	7 506	1 171	68	2 015	5 111
Other Countries	8 159	8 210	8 569	9 126	9 768	7 517	6 058	6 896	9 061	9 066	7 634
Statistical differences	0	0	0	197	0	0	0	0	0	0	0
Total Exports	76 429	77 451	75 446	83 138	80 997	78 547	74 893	66 199	72 260	73 880	71 067
¹⁾ Incl. countries bordering the Mediterranean ²⁾ until 2019: EU 28 incl. UK											
Sources: S&P Global-IHS Markit, coal imports and exports by country and type, from 19.03.2025 / DESTATIS											

Table 12

Hard Coal Exports from Canada											1 000 t
Importing Countries	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Germany	1 462	1 350	1 487	1 481	1 551	1 395	1 219	1 301	888	554	673
Finland	537	526	587	412	605	460	110	225	52	60	36
France	31	0	92	119	69	74	38	0	0	20	0
Italy	403	288	283	318	234	256	78	143	149	50	1
Croatia	0	0	0	0	0	0	0	0	0	0	0
Poland	122	294	367	690	760	602	342	822	802	615	592
Other EU 27 ²⁾	887	699	-222	761	842	277	95	391	1 228	1 967	795
EU 27 ²⁾	3 442	3 157	2 594	3 782	4 061	3 063	1 929	2 088	3 119	3 266	2 097
Turkey	491	834	1 039	659	512	668	1 155	520	338	162	0
Ukraine	281	1 106	878	800	452	0	0	0	0	0	78
Rest of Europe ¹⁾	59	195	180	119	122	30	49	0	83	306	374
Europe ¹⁾	4 274	5 292	4 690	5 360	5 147	3 761	3 133	2 608	3 540	3 734	2 549
USA	834	980	893	735	695	661	308	834	1 549	661	666
Brazil	2 263	1 113	901	926	863	756	305	78	221	550	0
Chile	274	366	638	266	199	179	1 331	1 247	607	330	1
PR China	7 709	5 361	5 126	4 749	3 129	4 823	5 209	10 646	8 447	9 873	9 590
India	1 711	1 700	2 697	3 085	4 140	4 943	3 692	2 020	2 926	3 049	2 090
Japan	8 850	8 306	7 914	7 240	7 447	8 488	7 960	7 261	10 392	11 751	8 980
South Korea	6 675	5 777	5 702	5 681	5 720	9 221	7 257	5 174	6 279	6 663	9 880
Taiwan	1 509	1 252	1 417	1 622	1 462	2 312	1 974	1 731	1 988	1 385	1 380
Vietnam	0	90	172	521	1 205	1 317	261	0	130	222	297
Other Countries	159	185	95	256	937	0	108	56	217	305	253
Statistical differences	0	-268	-75	0	0	-181	0	0	0	0	0
Total Exports	34 259	30 153	30 170	30 441	30 944	36 281	31 537	31 737	36 296	38 523	35 686
¹⁾ Incl. countries bordering the Mediterranean ²⁾ until 2019: EU 28 incl. UK											
Sources: S&P Global-IHS Markit, coal imports and exports by country and type, from 19.03.2025 / DESTATIS											

Table 13

Hard Coal Exports from China											1 000 t
Importing Countries	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Germany	51	16	12	12	10	9	2	10	31	18	21
UK	0	0	0	77	0	0	2) ¹⁾	2) ¹⁾	2) ¹⁾	2) ¹⁾	2) ¹⁾
The Netherlands	0	11	1	0	0	9	0	0	3	25	75
Other EU 27 ²⁾	0	0	1	0	0	0	0	0	0	0	0
EU 27 ²⁾	51	27	13	89	10	18	2	10	34	43	96
Rest of Europe ¹⁾	0	0	0	0	95	0	0	0	14	42	0
Europe ¹⁾	51	27	13	89	105	18	2	10	48	85	96
India	0	2	1	172	0	164	0	0	80	82	0
Indonesia	0	10	42	218	324	537	580	1 120	1 787	1 839	1 980
Japan	2 070	1 503	2 667	3 132	1 869	2 170	922	817	1 090	1 600	2 938
Malaysia	4	15	17	8	91	264	50	11	100	145	227
North Korea	80	71	132	44	438	763	0	0	0	0	0
South Korea	2 835	2 014	3 543	3 421	1 821	1 463	1 268	566	535	363	1 058
Taiwan	467	414	976	765	193	531	278	47	1	20	34
Vietnam	0	1 051	1 151	28	23	0	0	0	0	1	0
Other Countries	140	96	113	192	29	79	59	11	328	324	329
Statistical differences	-23	-2	-12	35	-10	-9	-2	-10	0	0	0
Total Exports	5 624	5 203	8 644	8 102	4 883	5 980	3 157	2 572	3 969	4 459	6 662
¹⁾ Incl. countries bordering the Mediterranean ²⁾ until 2019: EU 28 incl. UK											
Sources: S&P Global-IHS Markit, coal imports and exports by country and type, from 19.03.2025 / DESTATIS											

Table 14

Hard Coal Exports from Poland											1 000 t
Importing Countries	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Germany	3 299	3 342	2 422	1 254	251	218	178	291	170	137	98
Denmark	365	150	141	5	5	0	0	0	5	0	0
UK	230	123	51	26	22	18	²⁾	²⁾	²⁾	²⁾	²⁾
Ireland	148	101	93	23	22	4	14	7	0	0	0
The Netherlands	54	381	159	0	0	0	0	54	0	0	0
Austria	887	850	846	881	1 008	974	892	1 007	878	1 012	883
Slovakia	500	619	650	784	675	543	438	472	457	439	464
Sweden	117	100	85	32	6	0	0	16	7	0	15
Czech Republic	2 604	2 633	2 827	3 108	2 395	2 274	2 683	3 415	3 139	2 713	2 269
Hungary	58	164	169	186	170	149	210	272	112	74	88
Other EU 27 ²⁾	250	457	326	106	73	21	3	34	46	45	10
EU 27 ²⁾	8 511	8 919	7 768	6 406	4 626	4 202	4 411	5 514	4 814	4 420	3 827
UK							8	52	0	0	8
Ukraine	125	296	538	651	313	236	168	800	570	325	624
Rest of Europe ¹⁾	791	539	1 272	41	18	14	16	94	16	7	52
Europe ¹⁾	9 427	9 754	9 579	7 098	4 956	4 451	4 603	6 445	5 400	4 752	4 511
Other Countries	2	116	140	0	3	3	0	0	126	0	42
Statistical differences	-218	-407	-513	14	99	-24	70	51	0	0	0
Total Exports	9 211	9 463	9 206	7 112	5 059	4 431	4 672	6 497	5 526	4 752	4 553
¹⁾ Incl. countries bordering the Mediterranean ²⁾ until 2019: EU 28 incl. UK											
Sources: S&P Global-IHS Markit, coal imports and exports by country and type, from 19.03.2025 / DESTATIS											

Table 15

Primary Energy Consumption in Germany											Mill. TCE
Energy Source	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Hard Coal	58.1	58.6	56.7	50.0	48.7	37.0	30.6	37.9	29.3	29.3	26.4
of which import coal	(52.1)	(51.3)	(53.6)	(48.2)	(44.5)	(37.0)	(30.6)	(37.9)	(29.3)	(29.3)	(26.4)
Lignite	53.6	53.5	51.8	51.5	50.0	39.7	32.7	38.5	30.5	30.5	27.4
Oil	154.1	153.2	155.3	159.5	151.6	153.9	139.4	137.8	132.3	132.3	131.1
Natural Gas	91.4	94.2	103.8	106.5	105.4	109.7	107.0	112.7	89.4	89.4	92.9
Nuclear Energy	36.2	34.2	31.5	28.4	28.3	27.9	24.0	25.7	2.7	2.7	0.0
Renewables	51.8	56.1	57.9	61.1	61.5	65.0	67.3	66.5	70.9	70.9	71.8
Foreign Trade Balance Electric Power	-4.4	-6.4	-6.6	-6.8	-6.0	-4.0	-2.3	-2.3	1.1	1.1	3.0
Other Energy Sources	7.7	7.6	8.0	8.4	7.6	7.8	7.3	7.6	7.1	7.1	6.9
Total ¹⁾	448.5	451.0	458.4	458.6	447.0	437.0	406.0	424.4	363.4	363.4	359.6
Shares in %											
Energy Source	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Hard Coal	13.0	13.0	12.4	10.9	10.9	8.5	7.5	8.9	8.1	8.1	7.3
of which import coal	(11.6)	(11.4)	(11.7)	(10.5)	(10.0)	(8.5)	(7.5)	(8.9)	(8.1)	(8.1)	(7.3)
Lignite	12.0	11.9	11.3	11.2	11.2	9.1	8.1	9.1	8.4	8.4	7.6
Oil	34.4	34.0	33.9	34.8	33.9	35.2	34.3	32.5	36.4	36.4	36.5
Natural Gas	20.4	20.9	22.6	23.2	23.6	25.1	26.4	26.6	24.6	24.6	25.8
Nuclear Energy	8.1	7.6	6.9	6.2	6.3	6.4	5.9	6.1	0.7	0.7	0.0
Hydroelectric and Wind Power	11.5	12.4	12.6	13.3	13.8	14.9	16.6	15.7	19.5	19.5	20.0
Foreign Trade Balance Electric Power	-1.0	-1.4	-1.4	-1.5	-1.3	-0.9	-0.6	-0.5	0.3	0.3	0.8
Other Energy Sources	1.7	1.7	1.7	1.8	1.7	1.7	1.8	1.5	1.8	1.9	1.8
Total ¹⁾	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.3	100.0	100.0
¹⁾ Rounding-off differences possible											
Sources: Arbeitsgemeinschaft Energiebilanzen, Press release from 18.03.2025, PEV 2024 / German Federal Statistical Office, own calculations											

Table 17

Import of Hard Coal and Hard Coal Coke to Germany

Countries	2021						2022					
	Steam Coal	Coking Coal	Anthracite	Coke	Briquettes	Total	Steam Coal	Coking Coal	Anthracite	Coke	Briquettes	Total
Poland	255		45	1 324	1	1 624	156	1	13	1 457	0	1 628
Czech Rep.	2		2	280		284	1		2	221		223
Other	761	42	222	155	9	1 189	645	50	221	83	7	1 007
EU 27 ¹⁾	1 018	42	269	1 759	10	3 097	801	52	236	1 761	7	2 858
Russian Federation	17 974	1 384	659	171	59	20 247	11 590	756	507	68	37	12 957
Ukraine			10			10			14			14
Kazakhstan							551		11		5	567
Norway	48					48	49	15			5	70
UK	31		10	3	0	44	82		10	3	0	95
USA	3 361	3 639	17	112		7 129	5 084	3 882	22	251		9 240
Canada	4	1 297		28		1 329	82	806		47		935
Colombia	2 365		8	60		2 433	7 293		3	52	1	7 349
South Africa	976	52				1 028	4 026	179		15		4 220
Mozambique	16	0				16	72					72
Australia	42	5 364		47		5 453	427	5 878	0	52		6 357
PR China			10	147		157	0		31	54	0	86
Indonesia							21				21	42
Other Third Countries												
Third Countries	24 817	11 736	714	568	60	37 894	29 279	11 516	597	543	69	42 003
Total ²⁾	25 835	11 778	983	2 326	70	40 992	30 080	11 568	833	2 304	76	44 860

¹⁾ EU-27, that means without UK - UK data will be found under "third countries" ²⁾ rounding-off differences possible

Sources: Federal Statistical Office, own calculations

Table 22

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Important Coal Transshipments in German Seaports										1 000 t
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
North Sea Ports										
Hamburg	7 672	7 434	7 697	8 162	7 232	4 736	5 458	6 701	3 859	3 803
Wilhelmshaven	4 093	2 480	3 536	3 556	2 311	966	1 584	3 149	1 787	1 885
Bremen Ports	1 710	1 175	1 175	895	846	398	680	1 201	298	88
Brunsbüttel	485	782	804	997	597	306	170	1 272	316	635
Nordenham	1 107	958	1 242	1 253	824	487	964	2 258	794	290
Total	15 067	12 829	14 454	14 864	11 809	6 893	8 857	14 581	7 054	6 701
Baltic Sea Ports										
Rostock	985	1 184	1 287	848	756	457	1 293	551	514	272
Flensburg	254	227	116	170	141	106	142	190	139	74
Kiel	231	158	72							
Total	1 470	1 569	1 475	1 018	897	563	1 435	741	653	346
Total Transshipment	16 537	14 398	15 929	15 882	12 706	7 456	10 292	15 322	7 707	7 047
Source: German Federal Statistical Office										

Table 18a