

Most Requested Statistics - U.S. Coal Industry



	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021r/</u>	<u>2022p/</u>
Production (1,000 Short Tons) *	896,941	728,364	774,609	756,167	706,309	535,434	577,431	594,155
East of Mississippi River <u>5/</u>	348,978	281,631	304,430	310,663	296,046	209,011	231,355	248,079
West of Mississippi River	547,963	446,734	470,179	445,610	410,264	326,423	346,076	346,076
Appalachian <u>5/</u>	222,114	180,477	198,545	200,903	193,697	138,991	155,774	161,055
Interior	167,430	143,917	145,194	136,935	127,610	90,538	93,176	98,325
Western	507,397	403,971	430,870	418,329	385,003	305,905	328,481	334,775
Refuse Recovery	1,384	851	699	726	492	456	633	545
U.S. Recoverable Reserves (Mil. Sht. Tons)	254,896	254,197	253,453	252,733	252,057	251,539	250,978	250,404
Recoverable Reserves at Producing Mines								
(Million Short Tons) <u>1/</u>	18,327	16,956	16,101	15,216	14,151	13,201	12,282	11,737
Total Value of Production (\$1,000)	\$28,549,632	\$22,266,087	\$26,119,815	\$27,214,450	\$25,476,566	\$16,817,982	\$22,398,548	\$32,357,681
Domestic Consumption (1,000 Short Tons)	798,115	731,071	716,856	688,105	586,543	476,693	545,679	512,638
Electric Utilities/power	738,444	678,554	664,993	637,217	538,606	435,827	501,435	469,938
Coking	19,708	16,485	17,538	18,337	17,967	14,414	17,589	16,009
Other Industrial	38,459	34,849	33,264	31,580	29,095	25,660	25,845	25,891
Residential/Commercial	1,503	1,183	1,061	972	876	793	811	800
Stocks at End of Year (1,000 Short Tons)								
Consumers <u>2/</u>	202,560	167,681	142,957	108,105	134,014	136,182	96,343	94,255
Producer/Distributor	35,871	25,309	23,999	21,692	31,320	23,640	19,013	17,770
Exports (1,000 Short Tons)	73,958	60,271	96,953	115,632	93,765	69,067	85,115	85,956
Imports (1,000 Short Tons)	11,318	9,850	7,777	5,954	6,697	5,137	5,388	6,313
Price Indicators (Avg. \$/Short Ton or \$/mmBtu)								
Mine Sales Price Average (\$/short ton) <u>3/</u>	\$31.83	\$30.57	\$33.72	\$35.99	\$36.07	\$31.41	\$36.45	\$54.46
Cost of Coal Receipts at Elec.Power. Plants (\$/mmBtu)	\$2.22	\$2.11	\$2.06	\$2.06	\$2.02	\$1.92	\$1.98	\$2.37
Cost of Coal at Electric Utility Plants (receipts)	\$43.71	\$42.01	\$40.81	\$40.35	\$39.99	\$37.49	\$38.68	\$46.12
Cost of Coking Coal at Coke Plants (receipts)	\$118.69	\$102.00	\$122.14	\$128.75	\$145.85	\$127.16	\$122.37	\$195.61
Cost of Coal for Industrial Plant Uses (receipts)	\$65.44	\$60.34	\$58.67	\$59.01	\$61.37	\$57.18	\$57.89	\$69.76
Fuel Production Price (value \$/mmBtu)	\$1.59	\$1.62	\$1.67	\$1.77	\$1.71	\$1.66	\$1.74	\$2.69
Railroad Freight Charge, avg. (Frt. Rev./Tons Orig.)	\$19.00	18.49	19.67	20.65	19.81	17.84	20.12	25.02
Methods of Mining								
Underground (1,000 Short Tons)								
Continuous	122,380	96,327	100,224	122,362	117,467	86,052	92,916	99,027
Conventional & Other	2,373	11,947	2,887	1,558	2,277	329	429	579
Longwall	182,068	143,832	170,018	151,441	147,628	109,149	127,252	122,537
Total Underground Production	306,821	252,106	273,129	275,361	267,373	195,530	220,597	222,143
% of Total Production	34.2%	34.6%	35.3%	36.4%	37.9%	37.0%	38.0%	37.0%
Total Surface (1,000 Short Tons) <u>5/</u>	590,120	476,258	501,481	480,080	438,937	339,905	356,202	371,467
% of Total Production	65.8%	65.4%	64.7%	63.6%	62.1%	63.0%	62.0%	63.0%
Number of Mines (EIA)	853	710	680	679	669	552	512	548
Underground Mines (includes refuse)	324	268	246	249	237	196	174	194
Surface Mines	529	442	434	430	432	350	332	354
Number of Mine Operations (MSHA)	1,460	1,289	1,216	1,192	1,137	1,016	972	991
Average Number of Miners - Operators (EIA) <u>3/</u>	65,971	51,795	53,051	53,583	52,804	42,159	39,518	43,582
Underground Mines (includes refuse)	40,157	30,105	31,542	32,012	31,971	25,356	23,981	26,616
Surface Mines	25,814	21,690	21,509	21,477	20,833	16,761	15,448	16,908
Average Coal Mining Employment (MSHA) <u>6/</u>	102,867	81,880	82,932	82,857	81,415	63,764	61,429	66,423
Number of Mine Injuries <u>4/</u>								
Fatal	12	8	15	12	12	5	11	11
All Injuries	2,635	2,019	2,390	2,205	2,199	1,478	1,513	1,723
Production Per Miner Per Hour <u>3/</u>	6.28	6.61	6.55	6.23	5.94	6.12	6.71	6.11
Underground Mines	3.45	3.83	3.77	3.68	3.61	3.60	4.03	3.62
Surface Mines	10.95	10.73	10.92	10.36	9.88	10.24	11.38	10.39

Notes:

p/ Preliminary estimates. r/ Revised. g/ Estimated. n/a Not available.

1/ At active producing coal mines. 2/ The residential/commercial sector included.

3/ Excludes mines producing less than 10,000 short tons of coal during the year. Excludes contractors.

4/ Includes contractors and office workers. Excludes mines producing less than 10,000 short tons and prep plants with less than 5,000 employee hours.

5/ Includes refuse. 6/ Includes contractor employees. N/A Not available.

Sources: U.S. DOE/EIA, Mine Safety & Health Administration, Association of American Railroads, and NMA estimates.

Updated: Oct 2023