

# Most Requested Statistics - U.S. Coal Industry



**NMA**  
THE AMERICAN RESOURCE

	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018 r/</u>	<u>2019p/</u>
<b>Production (1,000 Short Tons) *</b>	1,016,458	984,842	1,000,049	896,941	728,364	774,609	756,167	705,259
East of Mississippi River <u>5/</u>	423,476	407,341	409,521	348,978	281,631	304,430	310,663	295,274
West of Mississippi River	592,983	577,501	590,528	547,963	446,734	470,179	445,610	409,985
Appalachian <u>5/</u>	293,253	271,638	268,603	222,114	180,477	198,545	200,903	192,434
Interior	179,961	182,994	188,604	167,430	143,917	145,194	136,935	127,588
Western	543,244	530,210	542,842	507,397	403,971	430,870	418,329	384,853
Refuse Recovery	1,324	1,966	1,624	1,384	851	699	726	384
<b>U.S. Recoverable Reserves (Mil. Sht. Tons)</b>	257,648	256,709	255,755	254,896	254,197	253,453	252,733	252,733
<b>Recoverable Reserves at Producing Mines</b>								
(Million Short Tons) <u>1/</u>	18,664	19,746	19,351	18,327	16,956	16,101	15,216	15,216
<b>Total Value of Production (\$1,000)</b>	\$40,607,497	\$36,675,516	\$34,831,707	\$28,549,632	\$22,266,087	\$26,119,815	\$27,214,450	\$25,382,271
<b>Domestic Consumption (1,000 Short Tons)</b>	889,185	924,442	917,731	798,115	731,071	716,856	688,105	589,754
Electric Utilities/power	823,551	857,962	851,602	738,444	678,554	664,993	637,217	539,415
Coking	20,751	21,474	21,297	19,708	16,485	17,538	18,337	20,388
Other Industrial	42,838	43,055	42,946	38,459	34,849	33,264	3,158	29,078
Residential/Commercial	2,045	1,951	1,887	1,503	1,183	1,061	972	874
<b>Stocks at End of Year (1,000 Short Tons)</b>								
Consumers <u>2/</u>	192,696	154,676	158,833	202,560	167,681	142,957	108,335	134,226
Producer/Distributor	46,157	45,652	38,894	35,871	25,309	23,999	21,692	24,438
<b>Exports (1,000 Short Tons)</b>	125,746	117,659	97,257	73,958	60,271	96,953	115,632	92,852
<b>Imports (1,000 Short Tons)</b>	9,159	8,906	11,350	11,318	9,850	7,777	5,954	6,697
<b>Price Indicators (Avg. \$/Short Ton or \$/mmBtu)</b>								
Mine Sales Price Average (\$/short ton) <u>3/</u>	\$39.95	\$37.24	\$34.83	\$31.83	\$30.57	\$33.72	\$35.99	\$34.00
Cost of Coal Receipts at Elec.Gen. Plants (\$/mmBtu)	\$2.38	\$2.34	\$2.39	\$2.22	\$2.11	\$2.06	\$2.06	\$2.02
Cost of Coal at Electric Utility Plants (receipts)	\$47.51	\$46.51	\$46.95	\$43.71	\$42.01	\$40.81	\$40.35	\$40.13
Cost of Coking Coal at Coke Plants (receipts)	\$190.55	\$156.99	\$131.41	\$118.69	\$102.00	\$122.14	\$128.75	\$145.88
Cost of Coal for Industrial Plant Uses (receipts)	\$70.35	\$69.16	\$68.20	\$65.44	\$60.34	\$58.67	\$59.01	\$61.37
Fuel Production Price (value \$/mmBtu)	\$1.98	\$1.99	\$1.72	\$1.59	\$1.62	\$1.67	\$1.77	\$1.71
Railroad Freight Charge, avg. (Frt. Rev./Tons Orig.)	\$20.40	\$20.65	\$20.11	\$19.00	18.49	19.67	20.65	19.81
<b>Methods of Mining</b>								
Underground (1,000 Short Tons)								
Continuous	156,862	147,667	142,574	122,380	96,327	100,224	122,362	114,075
Conventional & Other	2,871	4,824	5,178	2,373	11,947	2,887	1,558	1,452
Longwall	182,653	189,193	206,952	182,068	143,832	170,018	151,441	141,185
Total Underground Production	342,387	341,685	354,704	306,821	252,106	273,129	275,361	256,712
% of Total Production	33.7%	34.7%	35.5%	34.2%	34.6%	35.3%	36.4%	36.4%
Total Surface (1,000 Short Tons) <u>5/</u>	674,072	643,157	645,345	590,120	476,258	501,481	480,080	448,547
% of Total Production	66.3%	65.3%	64.5%	65.8%	65.4%	64.7%	63.6%	63.6%
<b>Number of Mines (EIA)</b>	1,229	1,061	985	853	710	680	679	n/a
Underground Mines (includes refuse)	488	424	372	324	268	246	249	n/a
Surface Mines	719	637	613	529	442	434	430	n/a
<b>Number of Mine Operations (MSHA)</b>	1,871	1,701	1,632	1,460	1,289	1,216	1,191	1,135
<b>Average Number of Miners (EIA) <u>3/</u></b>	89,838	80,396	74,931	65,971	51,795	53,051	53,583	n/a
Underground Mines (includes refuse)	54,426	49,691	46,475	40,157	30,105	31,542	32,012	n/a
Surface Mines	35,310	30,705	28,456	25,814	21,690	21,509	21,477	n/a
<b>Average Coal Mining Employment (MSHA) <u>6/</u></b>	138,338	123,446	116,318	102,871	81,875	83,053	82,859	81,460
<b>Number of Mine Injuries <u>4/</u></b>								
Fatal	20	20	16	12	8	15	12	11
All Injuries	3,878	3,346	3,323	2,635	2,019	2,390	2,205	2,139
<b>Production Per Miner Per Hour <u>3/</u></b>	5.19	5.54	5.96	6.28	6.61	6.55	6.23	6.20
Underground Mines	2.84	3.07	3.35	3.45	3.83	3.77	3.68	3.65
Surface Mines	8.97	9.69	10.42	10.95	10.73	10.92	10.36	10.35

**Notes:**

p/ Preliminary estimates. r/ Revised. e/ 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.

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

Updated: April 2020