

# Most Requested Statistics - U.S. Coal Industry



	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014 r/</u>	<u>2015 r/</u>	<u>2016 p/</u>
<b>Production (1,000 Short Tons) *</b>	1,074,923	1,084,368	1,095,628	1,016,458	984,842	1,000,049	896,941	728,232
East of Mississippi River <u>5/</u>	449,593	446,197	456,447	423,476	407,341	409,521	348,978	281,274
West of Mississippi River	625,330	638,171	639,181	592,983	577,501	590,528	547,963	446,958
Appalachian <u>5/</u>	344,131	337,104	336,017	293,253	271,638	268,603	222,114	180,250
Interior	145,811	155,653	170,327	179,961	182,994	188,604	167,430	143,959
Western	584,981	591,611	587,633	543,244	530,210	542,842	507,397	404,023
Refuse Recovery	2,688	1,857	1,650	1,324	1,966	1,624	1,384	785
<b>U.S. Recoverable Reserves (Mil. Sht. Tons)</b>	260,551	259,518	258,619	257,648	256,709	255,755	254,896	254,000
<b>Recoverable Reserves at Producing Mines</b>								
(Million Short Tons) <u>1/</u>	17,468	17,937	19,223	18,664	19,746	19,351	18,327	18,000
<b>Total Value of Production (\$1,000)</b>	\$35,730,441	\$38,625,188	\$44,931,704	\$40,607,497	\$36,675,516	\$34,831,707	\$28,549,632	\$21,847,000
<b>Domestic Consumption (1,000 Short Tons)</b>	997,478	1,048,514	1,002,948	889,185	924,442	917,731	798,115	729,501
Electric Utilities/power	933,627	975,052	932,484	823,551	857,962	851,602	738,444	677,275
Coking	15,326	21,092	21,434	20,751	21,474	21,297	19,708	16,485
Other Industrial	45,314	49,289	46,238	42,838	43,055	42,946	38,459	34,559
Residential/Commercial	3,210	3,081	2,793	2,045	1,951	1,887	1,503	1,182
<b>Stocks at End of Year (1,000 Short Tons)</b>								
Consumers <u>2/</u>	197,062	181,920	180,055	192,696	154,676	158,833	202,560	169,616
Producer/Distributor	47,718	49,820	51,897	46,157	45,652	38,894	35,871	33,699
<b>Exports (1,000 Short Tons)</b>	59,097	81,716	107,259	125,746	117,659	97,257	73,958	60,271
<b>Imports (1,000 Short Tons)</b>	22,639	19,353	13,088	9,159	8,906	11,350	11,318	9,850
<b>Price Indicators (Avg. \$/Short Ton or \$/mmBtu)</b>								
Mine Sales Price Average (\$/short ton) <u>3/</u>	\$33.24	\$35.61	\$41.04	\$39.95	\$37.24	\$34.83	\$31.83	\$30.00
Cost of Coal Receipts at Elec.Gen. Plants (\$/mmBtu)	\$2.21	\$2.27	\$2.39	\$2.38	\$2.34	\$2.39	\$2.25	\$2.16
Cost of Coal at Electric Utility Plants (receipts)	\$44.47	\$45.33	\$47.75	\$47.51	\$45.03	\$45.66	\$43.71	\$42.09
Cost of Coking Coal at Coke Plants (receipts)	\$143.04	\$153.59	\$184.44	\$190.55	\$156.99	\$131.41	\$118.69	\$102.00
Cost of Coal for Industrial Uses (receipts)	\$64.87	\$59.28	\$70.62	\$70.35	\$69.16	\$68.20	\$65.44	\$60.49
Fuel Production Price (F.O.B. \$/mmBtu)	\$1.67	\$1.77	\$1.83	\$1.98	\$1.99	\$1.72	\$1.59	n/a
Railroad Freight Charge, avg. (Frt. Rev./Tons Orig.)	\$15.32	\$17.08	\$19.78	\$20.40	\$20.65	\$20.11	\$19.00	n/a
<b>Methods of Mining</b>								
Underground (1,000 Short Tons)								
Continuous	160,760	163,354	173,119	156,862	147,667	142,574	122,380	99,339
Conventional & Other	4,885	4,767	3,061	2,871	4,824	5,178	2,373	1,926
Longwall	166,416	169,033	169,425	182,653	189,193	206,952	182,068	147,790
Total Underground Production	332,062	337,155	345,606	342,387	341,685	354,704	306,821	249,055
% of Total Production	31.0%	31.0%	32.0%	33.7%	34.7%	35.5%	34.2%	34.2%
Total Surface (1,000 Short Tons) <u>5/</u>	742,862	747,214	750,022	674,072	643,157	645,345	590,120	479,177
% of Total Production	69.0%	69.0%	68.0%	66.3%	65.3%	64.5%	65.8%	65.8%
<b>Number of Mines (EIA)</b>	1,406	1,285	1,325	1,229	1,061	985	853	n/a
Underground Mines (includes refuse)	571	525	508	488	424	372	324	n/a
Surface Mines	835	760	788	719	637	613	529	n/a
<b>Number of Mine Operations (MSHA)</b>	2,076	1,944	1,973	1,871	1,701	1,632	1,460	1,287
<b>Average Number of Miners (EIA) <u>3/</u></b>	87,755	86,195	91,611	89,838	80,396	74,931	65,971	n/a
Underground Mines (includes refuse)	50,087	50,515	54,395	54,426	49,691	46,475	40,157	n/a
Surface Mines	37,505	35,542	37,087	35,310	30,705	28,456	25,814	n/a
<b>Average Coal Mining Employment (MSHA) <u>6/</u></b>	134,089	135,500	143,437	137,650	123,259	116,010	102,804	81,842
<b>Number of Mine Injuries <u>4/</u></b>								
Fatal	18	48	21	20	20	16	12	9
All Injuries	4,495	4,307	4,555	3,878	3,346	3,323	2,571	1,959
<b>Production Per Miner Per Hour <u>3/</u></b>	5.61	5.55	5.19	5.19	5.54	5.96	6.28	n/a
Underground Mines	2.99	2.89	2.72	2.84	3.07	3.35	3.45	n/a
Surface Mines	9.22	9.47	8.97	8.97	9.69	10.42	10.95	n/a

**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.

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: June 2017