

# Most Requested Statistics - U.S. Coal Industry



	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013 r/</u>	<u>2014 r/</u>	<u>2015 p/</u>
<b>Production (1,000 Short Tons) *</b>	1,171,809	1,074,923	1,084,368	1,095,628	1,016,458	984,842	1,000,049	896,941
East of Mississippi River <u>5/</u>	493,342	449,593	446,197	456,447	423,476	407,341	409,521	348,978
West of Mississippi River	678,467	625,330	638,171	639,181	592,983	577,501	590,528	547,963
Appalachian <u>5/</u>	391,626	344,131	337,104	336,017	293,253	271,638	268,603	222,114
Interior	146,586	145,811	155,653	170,327	179,961	182,994	188,604	167,430
Western	633,597	584,981	591,611	587,633	543,244	530,210	542,842	507,397
Refuse Recovery	1,408	2,688	1,857	1,650	1,324	1,966	1,624	1,384
<b>U.S. Recoverable Reserves (Mil. Sht. Tons)</b>	261,573	260,551	259,518	258,619	257,648	256,709	255,755	254,896
<b>Recoverable Reserves at Producing Mines</b> (Million Short Tons) <u>1/</u>	17,875	17,468	17,937	19,223	18,664	19,746	19,351	18,327
<b>Total Value of Production (\$1,000)</b>	\$36,630,749	\$35,730,441	\$38,625,188	\$44,931,704	\$40,607,497	\$36,675,516	\$34,831,707	\$28,517,802
<b>Domestic Consumption (1,000 Short Tons)</b>	1,120,548	997,478	1,048,514	1,002,948	889,185	924,442	917,731	799,375
Electric Utilities/power	1,040,580	933,627	975,052	932,484	823,551	857,962	851,602	739,689
Coking	22,070	15,326	21,092	21,434	20,751	21,474	21,297	19,708
Other Industrial	54,393	45,314	49,289	46,238	42,838	43,055	42,946	38,474
Residential/Commercial	3,506	3,210	3,081	2,793	2,045	1,951	1,887	1,503
<b>Stocks at End of Year (1,000 Short Tons)</b>								
Consumers <u>2/</u>	170,425	197,062	181,920	180,055	192,696	154,676	158,833	204,199
Producer/Distributor	34,688	47,718	49,820	51,897	46,157	45,652	38,894	37,831
<b>Exports (1,000 Short Tons)</b>	81,519	59,097	81,716	107,259	125,746	117,659	97,257	73,958
<b>Imports (1,000 Short Tons)</b>	34,208	22,639	19,353	13,088	9,159	8,906	11,350	11,318
<b>Price Indicators (Avg. \$/Short Ton or \$/mmBtu)</b>								
Mine Sales Price Average (\$/short ton) <u>3/</u>	\$31.25	\$33.24	\$35.61	\$41.04	\$39.95	\$37.24	\$34.83	\$31.83
Cost of Coal Receipts at Elec.Gen. Plants (\$/mmBtu)	\$2.07	\$2.21	\$2.27	\$2.39	\$2.38	\$2.34	\$2.39	\$2.25
Cost of Coal at Electric Utility Plants (receipts)	\$41.32	\$44.47	\$45.33	\$47.75	\$47.51	\$45.03	\$45.66	\$42.58
Cost of Coking Coal at Coke Plants (receipts)	\$118.09	\$143.04	\$153.59	\$184.44	\$190.55	\$156.99	\$131.41	\$118.69
Cost of Coal for Industrial Uses (receipts)	\$63.44	\$64.87	\$59.28	\$70.62	\$70.35	\$69.16	\$68.20	\$65.44
Fuel Production Price (F.O.B. \$/mmBtu)	\$1.55	\$1.67	\$1.77	\$1.83	\$1.98	\$1.99	\$1.72	\$1.59
Railroad Freight Charge, avg. (Frt. Rev./Tons Orig.)	\$16.16	\$15.32	\$17.08	\$19.78	\$20.40	\$20.65	\$20.11	\$19.00
<b>Methods of Mining</b>								
Underground (1,000 Short Tons)								
Continuous	174,685	160,760	163,354	173,119	156,862	147,667	142,574	122,380
Conventional & Other	3,161	4,885	4,767	3,061	2,871	4,824	5,178	2,373
Longwall	179,233	166,416	169,033	169,425	182,653	189,193	206,952	182,068
Total Underground Production	357,079	332,062	337,155	345,606	342,387	341,685	354,704	306,821
% of Total Production	30.0%	31.0%	31.0%	32.0%	33.7%	34.7%	35.5%	34.2%
Total Surface (1,000 Short Tons) <u>5/</u>	814,730	742,862	747,214	750,022	674,072	643,157	645,345	590,120
% of Total Production	70.0%	69.0%	69.0%	68.0%	66.3%	65.3%	64.5%	65.8%
<b>Number of Mines (EIA)</b>	1,458	1,406	1,285	1,325	1,229	1,061	985	853
Underground Mines (includes refuse)	606	571	525	508	488	424	372	324
Surface Mines	852	835	760	788	719	637	613	529
<b>Number of Mine Operations (MSHA)</b>	2,129	2,076	1,944	1,973	1,871	1,701	1,632	1,460
<b>Average Number of Miners (EIA) <u>3/</u></b>	86,859	87,755	86,195	91,611	89,838	80,396	74,931	65,971
Underground Mines (includes refuse)	49,715	50,087	50,515	54,395	54,426	49,691	46,475	40,157
Surface Mines	37,144	37,505	35,542	37,087	35,310	30,705	28,456	25,814
<b>Average Coal Mining Employment (MSHA) <u>6/</u></b>	133,827	134,089	135,500	143,437	137,650	123,259	116,010	102,804
<b>Number of Mine Injuries <u>4/</u></b>								
Fatal	30	18	48	21	20	20	16	12
All Injuries	4,916	4,495	4,307	4,555	3,878	3,346	3,323	2,635
<b>Production Per Miner Per Hour <u>3/</u></b>	5.96	5.61	5.55	5.19	5.19	5.54	5.96	6.28
Underground Mines	3.15	2.99	2.89	2.72	2.84	3.07	3.35	3.45
Surface Mines	9.82	9.22	9.47	8.97	8.97	9.69	10.42	10.95

## Notes:

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

1/ At active producing coal mines. 2/ The residential/commercial sector not 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: November 2016