

	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018 r/</u>
Production (1,000 Short Tons) *	1,095,628	1,016,458	984,842	1,000,049	896,941	728,364	774,609	756,167
East of Mississippi River <u>5/</u>	456,447	423,476	407,341	409,521	348,978	281,631	304,430	310,663
West of Mississippi River	639,181	592,983	577,501	590,528	547,963	446,734	470,179	445,504
Appalachian <u>5/</u>	336,017	293,253	271,638	268,603	222,114	180,477	198,545	200,903
Interior	170,327	179,961	182,994	188,604	167,430	143,917	145,194	136,935
Western	587,633	543,244	530,210	542,842	507,397	403,971	430,870	418,329
Refuse Recovery	1,650	1,324	1,966	1,624	1,384	851	699	726
U.S. Recoverable Reserves (Mil. Sht. Tons)	258,619	257,648	256,709	255,755	254,896	254,197	253,453	252,733
Recoverable Reserves at Producing Mines								
(Million Short Tons) <u>1/</u>	19,223	18,664	19,746	19,351	18,327	16,956	16,101	15,216
Total Value of Production (\$1,000)	\$44,931,704	\$40,607,497	\$36,675,516	\$34,831,707	\$28,549,632	\$22,266,087	\$26,119,815	\$27,214,450
Domestic Consumption (1,000 Short Tons)	1,002,948	889,185	924,442	917,731	798,115	731,071	716,856	687,994
Electric Utilities/power	932,484	823,551	857,962	851,602	738,444	678,554	664,993	636,498
Coking	21,434	20,751	21,474	21,297	19,708	16,485	17,538	18,312
Other Industrial	46,238	42,838	43,055	42,946	38,459	34,849	33,264	31,512
Residential/Commercial	2,793	2,045	1,951	1,887	1,503	1,183	1,061	968
Stocks at End of Year (1,000 Short Tons)								
Consumers <u>2/</u>	180,055	192,696	154,676	158,833	202,560	167,681	142,957	108,114
Producer/Distributor	51,897	46,157	45,652	38,894	35,871	25,309	23,999	23,978
Exports (1,000 Short Tons)	107,259	125,746	117,659	97,257	73,958	60,271	96,953	115,632
Imports (1,000 Short Tons)	13,088	9,159	8,906	11,350	11,318	9,850	7,777	5,954
Price Indicators (Avg. \$/Short Ton or \$/mmBtu)								
Mine Sales Price Average (\$/short ton) <u>3/</u>	\$41.04	\$39.95	\$37.24	\$34.83	\$31.83	\$30.57	\$33.72	\$35.99
Cost of Coal Receipts at Elec.Gen. Plants (\$/mmBtu)	\$2.39	\$2.38	\$2.34	\$2.39	\$2.22	\$2.11	\$2.06	\$2.06
Cost of Coal at Electric Utility Plants (receipts)	\$47.67	\$47.51	\$46.51	\$46.95	\$43.71	\$42.01	\$40.81	\$40.35
Cost of Coking Coal at Coke Plants (receipts)	\$184.44	\$190.55	\$156.99	\$131.41	\$118.69	\$102.00	\$122.14	\$128.75
Cost of Coal for Industrial Plant Uses (receipts)	\$70.62	\$70.35	\$69.16	\$68.20	\$65.44	\$60.34	\$58.67	\$59.01
Fuel Production Price (value \$/mmBtu)	\$1.83	\$1.98	\$1.99	\$1.72	\$1.59	\$1.62	\$1.67	\$1.77
Railroad Freight Charge, avg. (Frt. Rev./Tons Orig.)	\$19.78	\$20.40	\$20.65	\$20.11	\$19.00	18.49	19.67	20.65
Methods of Mining								
Underground (1,000 Short Tons)								
Continuous	173,119	156,862	147,667	142,574	122,380	96,327	100,224	122,362
Conventional & Other	3,061	2,871	4,824	5,178	2,373	11,947	2,887	1,558
Longwall	169,425	182,653	189,193	206,952	182,068	143,832	170,018	151,441
Total Underground Production	345,606	342,387	341,685	354,704	306,821	252,106	273,129	275,361
% of Total Production	32.0%	33.7%	34.7%	35.5%	34.2%	34.6%	35.3%	36.4%
Total Surface (1,000 Short Tons) <u>5/</u>	750,022	674,072	643,157	645,345	590,120	476,258	501,481	480,080
% of Total Production	68.0%	66.3%	65.3%	64.5%	65.8%	65.4%	64.7%	63.6%
Number of Mines (EIA)	1,325	1,229	1,061	985	853	710	680	679
Underground Mines (includes refuse)	508	488	424	372	324	268	246	249
Surface Mines	788	719	637	613	529	442	434	430
Number of Mine Operations (MSHA)	1,973	1,871	1,701	1,632	1,460	1,289	1,216	1,192
Average Number of Miners (EIA) <u>3/</u>	91,611	89,838	80,396	74,931	65,971	51,795	53,051	53,583
Underground Mines (includes refuse)	54,395	54,426	49,691	46,475	40,157	30,105	31,542	32,012
Surface Mines	37,087	35,310	30,705	28,456	25,814	21,690	21,509	21,477
Average Coal Mining Employment (MSHA) <u>6/</u>	143,940	138,338	123,446	116,318	102,871	81,875	83,053	82,862
Number of Mine Injuries <u>4/</u>								
Fatal	21	20	20	16	12	8	15	12
All Injuries	4,555	3,878	3,346	3,323	2,635	2,019	2,390	2,205
Production Per Miner Per Hour <u>3/</u>	5.19	5.19	5.54	5.96	6.28	6.61	6.55	6.23
Underground Mines	2.72	2.84	3.07	3.35	3.45	3.83	3.77	3.68
Surface Mines	8.97	8.97	9.69	10.42	10.95	10.73	10.92	10.36

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.

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