

	2013	2014	2015	2016	2017	2018	2019r/	2020r/
<b>Production (1,000 Short Tons) *</b>	984,842	1,000,049	896,941	728,364	774,609	756,167	706,309	535,434
East of Mississippi River <sup>5/</sup>	407,341	409,521	348,978	281,631	304,430	310,663	296,046	209,011
West of Mississippi River	577,501	590,528	547,963	446,734	470,179	445,610	410,264	326,423
Appalachian <sup>5/</sup>	271,638	268,603	222,114	180,477	198,545	200,903	193,697	138,991
Interior	182,994	188,604	167,430	143,917	145,194	136,935	127,610	90,538
Western	530,210	542,842	507,397	403,971	430,870	418,329	385,003	305,905
Refuse Recovery	1,966	1,624	1,384	851	699	726	492	456
<b>U.S. Recoverable Reserves (Mil. Sht. Tons)</b>	256,709	255,755	254,896	254,197	253,453	252,733	252,057	251,539
<b>Recoverable Reserves at Producing Mines</b> (Million Short Tons) <sup>1/</sup>	19,746	19,351	18,327	16,956	16,101	15,216	14,151	13,201
<b>Total Value of Production (\$1,000)</b>	\$36,675,516	\$34,831,707	\$28,549,632	\$22,266,087	\$26,119,815	\$27,214,450	\$25,476,566	\$16,817,982
<b>Domestic Consumption (1,000 Short Tons)</b>	924,442	917,731	798,115	731,071	716,856	688,105	586,543	477,315
Electric Utilities/power	857,962	851,602	738,444	678,554	664,993	637,217	538,606	436,524
Coking	21,474	21,297	19,708	16,485	17,538	18,337	17,967	14,414
Other Industrial	43,055	42,946	38,459	34,849	33,264	31,580	29,095	25,584
Residential/Commercial	1,951	1,887	1,503	1,183	1,061	972	876	793
<b>Stocks at End of Year (1,000 Short Tons)</b>								
Consumers <sup>2/</sup>	154,676	158,833	202,560	167,681	142,957	108,105	134,014	137,474
Producer/Distributor	45,652	38,894	35,871	25,309	23,999	21,692	31,320	23,640
<b>Exports (1,000 Short Tons)</b>	117,659	97,257	73,958	60,271	96,953	115,632	93,765	69,067
<b>Imports (1,000 Short Tons)</b>	8,906	11,350	11,318	9,850	7,777	5,954	6,697	5,137
<b>Price Indicators (Avg. \$/Short Ton or \$/mmBtu)</b>								
Mine Sales Price Average (\$/short ton) <sup>3/</sup>	\$37.24	\$34.83	\$31.83	\$30.57	\$33.72	\$35.99	\$36.07	\$31.41
Cost of Coal Receipts at Elec.Power. Plants (\$/mmBtu)	\$2.34	\$2.39	\$2.22	\$2.11	\$2.06	\$2.06	\$2.02	\$1.92
Cost of Coal at Electric Utility Plants (receipts)	\$46.51	\$46.95	\$43.71	\$42.01	\$40.81	\$40.35	\$39.99	\$37.60
Cost of Coking Coal at Coke Plants (receipts)	\$156.99	\$131.41	\$118.69	\$102.00	\$122.14	\$128.75	\$145.85	\$127.10
Cost of Coal for Industrial Plant Uses (receipts)	\$69.16	\$68.20	\$65.44	\$60.34	\$58.67	\$59.01	\$61.37	\$57.22
Fuel Production Price (value \$/mmBtu)	\$1.99	\$1.72	\$1.59	\$1.62	\$1.67	\$1.77	\$1.71	\$1.66
Railroad Freight Charge, avg. (Frt. Rev./Tons Orig.)	\$20.65	\$20.11	\$19.00	18.49	19.67	20.65	19.81	17.84
<b>Methods of Mining</b>								
Underground (1,000 Short Tons)								
Continuous	147,667	142,574	122,380	96,327	100,224	122,362	117,467	86,052
Conventional & Other	4,824	5,178	2,373	11,947	2,887	1,558	2,277	329
Longwall	189,193	206,952	182,068	143,832	170,018	151,441	147,628	109,149
Total Underground Production	341,685	354,704	306,821	252,106	273,129	275,361	267,373	195,530
% of Total Production	34.7%	35.5%	34.2%	34.6%	35.3%	36.4%	37.9%	37.0%
Total Surface (1,000 Short Tons) <sup>5/</sup>	643,157	645,345	590,120	476,258	501,481	480,080	438,937	339,905
% of Total Production	65.3%	64.5%	65.8%	65.4%	64.7%	63.6%	62.1%	63.0%
<b>Number of Mines (EIA)</b>	1,061	985	853	710	680	679	669	552
Underground Mines (includes refuse)	424	372	324	268	246	249	237	196
Surface Mines	637	613	529	442	434	430	432	350
<b>Number of Mine Operations (MSHA)</b>	1,701	1,632	1,460	1,289	1,216	1,192	1,137	1,015
<b>Average Number of Miners - Operators (EIA) <sup>3/</sup></b>	80,396	74,931	65,971	51,795	53,051	53,583	52,804	42,159
Underground Mines (includes refuse)	49,691	46,475	40,157	30,105	31,542	32,012	31,971	25,356
Surface Mines	30,705	28,456	25,814	21,690	21,509	21,477	20,833	16,761
<b>Average Coal Mining Employment (MSHA) <sup>6/</sup></b>	123,446	116,295	102,867	81,880	82,932	82,857	81,415	63,760
<b>Number of Mine Injuries <sup>4/</sup></b>								
Fatal	20	16	12	8	15	12	12	5
All Injuries	3,346	3,323	2,635	2,019	2,390	2,205	2,199	1,470
<b>Production Per Miner Per Hour <sup>3/</sup></b>	5.54	5.96	6.28	6.61	6.55	6.23	5.94	6.12
Underground Mines	3.07	3.35	3.45	3.83	3.77	3.68	3.61	3.60
Surface Mines	9.69	10.42	10.95	10.73	10.92	10.36	9.88	10.24

**Notes:**

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

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

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

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

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

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

Updated: October 2021