

Table 15. Recoverable Coal Reserves at Producing Mines, Estimated Recoverable Reserves, and Demonstrated Reserve Base by Mining Method, 2016

(million short tons)

Coal-Resource State	Underground - Minable Coal			Surface - Minable Coal			Total		
	Recoverable Reserves at Producing Mines	Estimated Recoverable Reserves	Demonstrated Reserve Base	Recoverable Reserves at Producing Mines	Estimated Recoverable Reserves	Demonstrated Reserve Base	Recoverable Reserves at Producing Mines	Estimated Recoverable Reserves	Demonstrated Reserve Base
Alabama	201	381	757	11	2,217	3,112	213	2,598	3,869
Alaska	-	2,335	5,423	51	481	665	51	2,816	6,088
Arizona	-	-	-	203	-	-	203	-	-
Arkansas	25	126	271	-	101	144	25	227	415
Colorado	179	5,738	10,933	112	3,740	4,754	291	9,478	15,687
Georgia	-	1	2	-	1	2	-	2	4
Idaho	-	2	4	-	-	-	-	2	4
Illinois	1,499	27,670	87,108	30	10,030	16,481	1,529	37,700	103,589
Indiana	218	3,492	8,430	346	261	446	564	3,752	8,876
Iowa	-	807	1,732	-	320	457	-	1,127	2,189
Kansas	-	-	-	-	679	970	-	679	970
Kentucky Total	621	6,774	15,763	456	7,210	12,485	1,077	13,984	28,248
Kentucky (East)	244	290	519	422	4,989	8,934	666	5,279	9,453
Kentucky (West)	377	6,484	15,243	34	2,221	3,551	411	8,705	18,794
Louisiana	-	-	-	88	277	374	88	277	374
Maryland	8	306	558	5	29	42	13	335	601
Michigan	-	55	123	-	3	5	-	58	128
Mississippi	-	-	-	691	-	-	691	-	-
Missouri	-	689	1,479	s	3,154	4,505	-	3,843	5,984
Montana	228	35,877	70,867	595	38,602	47,761	823	74,479	118,629
New Mexico	17	2,739	6,022	194	4,027	5,754	211	6,766	11,776
North Carolina	-	5	11	-	-	-	-	5	11
North Dakota	-	-	-	1,024	6,603	8,655	1,024	6,603	8,655
Ohio	217	7,566	17,197	14	3,699	5,651	231	11,265	22,847
Oklahoma	7	569	1,222	s	219	313	7	788	1,535
Oregon	-	6	15	-	2	3	-	9	17
Pennsylvania Total	1,047	10,141	22,156	178	966	4,121	1,225	11,107	26,277
Pennsylvania (Anthracite)	1	340	3,840	140	417	3,333	140	757	7,173
Pennsylvania (Bituminous)	1,046	9,801	18,315	38	549	788	1,084	10,350	19,103
South Dakota	-	-	-	-	277	366	-	277	366
Tennessee	s	271	495	s	170	251	1	442	747
Texas	-	-	-	582	9,097	11,817	582	9,097	11,817
Utah	112	2,305	4,703	1	209	264	112	2,514	4,967
Virginia	165	470	836	50	299	467	215	769	1,303
Washington	-	674	1,332	-	6	8	-	681	1,340
West Virginia Total	1,276	14,629	27,410	285	1,984	3,145	1,561	16,613	30,555
West Virginia (Northern)	876	NA	NA	5	NA	NA	881	NA	NA
West Virginia (Southern)	400	NA	NA	280	NA	NA	680	NA	NA
Wyoming	8	22,913	42,432	6,212	12,990	15,689	6,220	35,904	58,121
U.S. Total	5,828	146,543	327,282	11,128	107,654	148,707	16,956	254,197	475,990

-- No data reported.

NA = Not Available.

s = Value is less than 0.5 of the table metric.

Notes: Recoverable coal reserves at producing mines represent the quantity of coal that can be recovered (i.e. mined) from existing coal reserves at reporting mines. EIA's estimated recoverable reserves include the coal in the demonstrated reserve base considered recoverable after excluding coal estimated to be unavailable due to land use restrictions, and after applying assumed mining recovery rates. This estimate does not include any specific economic feasibility criteria. The effective date for the demonstrated reserve base, as customarily worded, is 'Remaining as of January 1, 2017.' These data are contemporaneous with the Recoverable Reserves at Producing Mines, customarily presented as of the end of the reporting year's mining, that is in this case, December 31, 2016. The demonstrated reserve base includes publicly available data on coal mapped to measured and indicated degrees of accuracy and found at depths and in coalbed thicknesses considered technologically minable at the time of determinations; see Glossary for criteria. All reserve expressions exclude silt, culm, refuse bank, slurry dam, and dredge operations. Reserves at Producing Mines exclude mines producing less than 25,000 short tons, which are not required to provide reserves data.

Source: U.S. Energy Information Administration Form EIA-7A, 'Annual Survey of Coal Production and Preparation,' and U.S. Department of Labor, Mine Safety and Health Administration Form 7000-2, 'Quarterly Mine Employment and Coal Production Report.'