

Table 15. Recoverable Coal Reserves at Producing Mines, Estimated Recoverable Reserves, and Demonstrated Reserve Base by Mining Method, 2019

(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	190	346	687	14	2,211	3,103	204	2,557	3,791
Alaska	-	2,335	5,423	48	479	661	48	2,813	6,084
Arizona	-	-	-	193	-	-	193	-	-
Arkansas	-	126	271	-	101	144	-	227	415
Colorado	122	5,698	10,858	115	3,740	4,754	237	9,438	15,612
Georgia	-	1	2	-	1	2	-	2	4
Idaho	-	2	4	-	-	-	-	2	4
Illinois	1,880	27,585	86,841	20	10,023	16,468	1,900	37,608	103,309
Indiana	192	3,451	8,333	253	225	385	446	3,676	8,718
Iowa	-	807	1,732	-	320	457	-	1,127	2,189
Kansas	-	-	-	-	679	970	-	679	970
Kentucky Total	623	6,690	15,581	76	7,191	12,452	699	13,881	28,032
Kentucky (East)	206	261	468	66	4,973	8,905	272	5,234	9,373
Kentucky (West)	417	6,428	15,113	10	2,218	3,547	427	8,647	18,660
Louisiana	-	-	-	30	272	367	30	272	367
Maryland	3	304	555	5	26	39	8	330	594
Michigan	-	55	123	-	3	5	-	58	128
Mississippi	-	-	-	108	-	-	108	-	-
Missouri	-	689	1,479	s	3,153	4,504	-	3,843	5,984
Montana	205	35,856	70,826	573	38,512	47,651	778	74,368	118,478
New Mexico	5	2,729	6,000	78	4,000	5,719	82	6,729	11,719
North Carolina	-	5	11	-	-	-	-	5	11
North Dakota	-	-	-	928	6,521	8,548	928	6,521	8,548
Ohio	82	7,549	17,158	4	3,693	5,642	85	11,242	22,800
Oklahoma	-	569	1,221	s	218	312	-	787	1,533
Oregon	-	6	15	-	2	3	-	9	17
Pennsylvania Total	924	9,999	21,890	145	956	4,101	1,070	10,955	25,991
Pennsylvania (Anthracite)	s	340	3,840	117	416	3,325	118	756	7,165
Pennsylvania (Bituminous)	924	9,659	18,050	28	540	776	952	10,200	18,826
South Dakota	-	-	-	-	277	366	-	277	366
Tennessee	9	271	494	s	170	251	9	441	745
Texas	-	-	-	345	9,021	11,719	345	9,021	11,719
Utah	179	2,265	4,621	1	207	262	180	2,473	4,883
Virginia	152	438	780	23	291	454	175	729	1,235
Washington	-	674	1,332	-	6	8	-	681	1,340
West Virginia Total	1,161	14,400	26,981	275	1,932	3,062	1,436	16,331	30,042
West Virginia (Northern)	770	NA	NA	6	NA	NA	776	NA	NA
West Virginia (Southern)	392	NA	NA	268	NA	NA	660	NA	NA
Wyoming	3	22,907	42,420	5,185	12,067	14,575	5,189	34,974	56,995
U.S. Total	5,730	145,757	325,637	8,421	106,300	146,986	14,151	252,057	472,623

-- 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, 2020.' 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, 2019. 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.

Sources: 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.'