

**Table 15. Recoverable Coal Reserves at Producing Mines, Estimated Recoverable Reserves, and Demonstrated Reserve Base by Mining Method, 2023**

(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	161	308	610	9	2,206	3,097	170	2,513	3,707
Alaska	-	2,335	5,423	44	474	656	44	2,809	6,079
Arkansas	-	126	271	-	101	144	-	227	415
Colorado	181	5,656	10,777	24	3,740	4,754	205	9,396	15,531
Georgia	-	1	2	-	1	2	-	2	4
Idaho	-	2	4	-	-	-	-	2	4
Illinois	1,808	27,497	86,564	3	10,020	16,463	1,811	37,516	103,027
Indiana	113	3,413	8,240	159	196	334	271	3,608	8,574
Iowa	-	807	1,732	-	320	457	-	1,127	2,189
Kansas	-	-	-	-	679	970	-	679	970
<b>Kentucky Total</b>	<b>337</b>	<b>6,611</b>	<b>15,410</b>	<b>54</b>	<b>7,175</b>	<b>12,424</b>	<b>391</b>	<b>13,787</b>	<b>27,834</b>
Kentucky (East)	94	237	425	54	4,958	8,878	147	5,195	9,303
Kentucky (West)	243	6,374	14,985	-	2,218	3,546	243	8,592	18,531
Louisiana	-	-	-	12	271	365	12	271	365
Maryland	5	302	552	3	23	34	8	326	586
Michigan	-	55	123	-	3	5	-	58	128
Mississippi	-	-	-	99	-	-	99	-	-
Missouri	-	689	1,479	s	3,153	4,504	-	3,842	5,983
Montana	171	35,827	70,770	213	38,426	47,546	383	74,253	118,316
New Mexico	-	2,725	5,991	28	3,969	5,677	28	6,694	11,668
North Carolina	-	5	11	-	-	-	-	5	11
North Dakota	-	-	-	580	6,422	8,419	580	6,422	8,419
Ohio	31	7,543	17,145	3	3,690	5,637	33	11,233	22,782
Oklahoma	-	569	1,221	-	218	312	-	787	1,533
Oregon	-	6	15	-	2	3	-	9	17
<b>Pennsylvania Total</b>	<b>824</b>	<b>9,846</b>	<b>21,604</b>	<b>155</b>	<b>947</b>	<b>4,078</b>	<b>979</b>	<b>10,793</b>	<b>25,682</b>
Pennsylvania (Anthracite)	s	340	3,839	137	415	3,313	137	754	7,153
Pennsylvania (Bituminous)	824	9,507	17,765	18	533	764	842	10,039	18,529
South Dakota	-	-	-	-	277	366	-	277	366
Tennessee	-	270	494	-	170	251	-	441	744
Texas	-	-	-	336	8,956	11,635	336	8,956	11,635
Utah	101	2,224	4,537	s	206	260	101	2,430	4,798
Virginia	130	404	719	11	282	440	141	686	1,159
Washington	-	674	1,332	-	6	8	-	681	1,340
<b>West Virginia Total</b>	<b>1,610</b>	<b>14,126</b>	<b>26,467</b>	<b>199</b>	<b>1,887</b>	<b>2,990</b>	<b>1,810</b>	<b>16,012</b>	<b>29,458</b>
West Virginia (Northern)	1,274	NA	NA	2	NA	NA	1,276	NA	NA
West Virginia (Southern)	336	NA	NA	197	NA	NA	533	NA	NA
Wyoming	-	22,901	42,409	3,796	11,100	13,408	3,796	34,001	55,816
<b>U.S. Total</b>	<b>5,471</b>	<b>144,923</b>	<b>323,902</b>	<b>5,728</b>	<b>104,922</b>	<b>145,240</b>	<b>11,200</b>	<b>249,845</b>	<b>469,142</b>

-- 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, 2024.' 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, 2023. 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 50,000 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.'