

**Table 15. Recoverable Coal Reserves at Producing Mines, Estimated Recoverable Reserves, and Demonstrated Reserve Base by Mining Method, 2022**

(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	174	319	632	12	2,207	3,098	186	2,525	3,730
Alaska	-	2,335	5,423	45	475	658	45	2,810	6,081
Arkansas	-	126	271	-	101	144	-	227	415
Colorado	183	5,667	10,798	98	3,740	4,754	281	9,407	15,552
Georgia	-	1	2	-	1	2	-	2	4
Idaho	-	2	4	-	-	-	-	2	4
Illinois	1,842	27,520	86,636	4	10,020	16,464	1,846	37,540	103,100
Indiana	123	3,424	8,267	163	203	347	285	3,627	8,614
Iowa	-	807	1,732	-	320	457	-	1,127	2,189
Kansas	-	-	-	-	679	970	-	679	970
<b>Kentucky Total</b>	<b>290</b>	<b>6,631</b>	<b>15,453</b>	<b>60</b>	<b>7,180</b>	<b>12,433</b>	<b>350</b>	<b>13,811</b>	<b>27,886</b>
Kentucky (East)	97	244	436	60	4,962	8,887	157	5,206	9,323
Kentucky (West)	193	6,388	15,017	-	2,218	3,546	193	8,605	18,563
Louisiana	-	-	-	12	271	366	12	271	366
Maryland	6	303	552	4	24	35	9	327	588
Michigan	-	55	123	-	3	5	-	58	128
Mississippi	-	-	-	102	-	-	102	-	-
Missouri	-	689	1,479	s	3,153	4,504	-	3,842	5,983
Montana	181	35,835	70,785	220	38,448	47,573	401	74,283	118,358
New Mexico	-	2,725	5,991	36	3,976	5,687	36	6,701	11,678
North Carolina	-	5	11	-	-	-	-	5	11
North Dakota	-	-	-	599	6,445	8,449	599	6,445	8,449
Ohio	32	7,544	17,146	4	3,691	5,638	35	11,234	22,785
Oklahoma	-	569	1,221	-	218	312	-	787	1,533
Oregon	-	6	15	-	2	3	-	9	17
<b>Pennsylvania Total</b>	<b>875</b>	<b>9,886</b>	<b>21,679</b>	<b>141</b>	<b>950</b>	<b>4,084</b>	<b>1,016</b>	<b>10,836</b>	<b>25,764</b>
Pennsylvania (Anthracite)	s	340	3,840	120	415	3,317	121	755	7,157
Pennsylvania (Bituminous)	874	9,547	17,840	21	535	767	895	10,081	18,607
South Dakota	-	-	-	-	277	366	-	277	366
Tennessee	-	270	494	-	170	251	-	441	744
Texas	-	-	-	275	8,970	11,652	275	8,970	11,652
Utah	140	2,231	4,551	s	206	260	140	2,437	4,811
Virginia	134	413	735	17	284	444	150	697	1,178
Washington	-	674	1,332	-	6	8	-	681	1,340
<b>West Virginia Total</b>	<b>1,573</b>	<b>14,198</b>	<b>26,602</b>	<b>237</b>	<b>1,900</b>	<b>3,012</b>	<b>1,809</b>	<b>16,098</b>	<b>29,614</b>
West Virginia (Northern)	1,230	NA	NA	4	NA	NA	1,234	NA	NA
West Virginia (Southern)	343	NA	NA	233	NA	NA	576	NA	NA
Wyoming	-	22,901	42,409	4,161	11,346	13,704	4,161	34,246	56,113
<b>U.S. Total</b>	<b>5,550</b>	<b>145,136</b>	<b>324,344</b>	<b>6,188</b>	<b>105,268</b>	<b>145,680</b>	<b>11,737</b>	<b>250,404</b>	<b>470,024</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, 2023.' 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, 2022. 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.'