

Table 15. Recoverable coal reserves at producing mines, estimated recoverable reserves, and demonstrated reserve by mining method, 2011

(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	249	438	869	56	2,236	3,139	306	2,674	4,007
Alaska	-	2,335	5,423	w	489	674	w	2,823	6,097
Arizona	-	-	-	w	-	-	w	-	-
Arkansas	w	127	272	-	101	144	w	228	416
Colorado	w	5,839	11,126	w	3,744	4,759	225	9,583	15,885
Georgia	-	1	2	-	1	2	-	2	4
Idaho	-	2	4	-	-	-	-	2	4
Illinois	w	27,819	87,578	w	10,048	16,510	2,311	37,867	104,088
Indiana	310	3,556	8,587	343	334	570	654	3,890	9,158
Iowa	-	807	1,732	-	320	457	-	1,127	2,189
Kansas	-	-	-	w	680	971	w	680	971
Kentucky Total	1,193	7,003	16,246	226	7,289	12,624	1,419	14,292	28,870
Eastern (Kentucky)	w	387	692	w	5,048	9,039	734	5,434	9,731
Western (Kentucky)	w	6,616	15,554	w	2,242	3,584	686	8,858	19,139
Louisiana	-	-	-	w	291	393	w	291	393
Maryland	w	310	565	w	34	50	36	344	615
Michigan	-	55	123	-	3	5	-	58	128
Mississippi	-	-	-	w	-	-	w	-	-
Missouri	-	689	1,479	w	3,155	4,507	w	3,845	5,986
Montana	w	35,911	70,936	w	38,770	47,965	846	74,681	118,901
New Mexico	w	2,768	6,083	w	4,092	5,840	518	6,860	11,923
North Carolina	-	5	11	-	-	-	-	5	11
North Dakota	-	-	-	1,183	6,737	8,832	1,183	6,737	8,832
Ohio	197	7,630	17,342	61	3,724	5,689	258	11,354	23,031
Oklahoma	w	571	1,226	w	221	316	11	792	1,542
Oregon	-	6	15	-	2	3	-	9	17
Pennsylvania Total	413	10,385	22,612	202	992	4,167	615	11,377	26,780
Anthracite (Pennsylvania)	w	340	3,841	w	418	3,344	128	758	7,186
Bituminous (Pennsylvania)	w	10,045	18,771	w	573	823	487	10,618	19,594
South Dakota	-	-	-	-	277	366	-	277	366
Tennessee	w	275	501	w	172	253	8	446	754
Texas	-	-	-	736	9,294	12,074	736	9,294	12,074
Utah	201	2,381	4,857	-	212	268	201	2,593	5,125
Virginia	299	531	945	49	318	496	348	848	1,441
Washington	-	674	1,332	-	6	8	-	681	1,340
West Virginia Total	1,546	15,035	28,171	530	2,095	3,321	2,076	17,130	31,492
Northern (West Virginia)	w	NA	NA	w	NA	NA	483	NA	NA
Southern (West Virginia)	w	NA	NA	w	NA	NA	1,593	NA	NA
Wyoming	w	22,931	42,466	w	14,898	17,991	6,898	37,829	60,456
U.S. Total	7,263	148,084	330,504	11,960	110,535	152,393	19,223	258,619	482,898

- = No data are reported.

w = Data withheld to avoid disclosure.

NA = Not Available.

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 or currently economically unattractive for mining, and after applying assumed mining recovery rates; see Glossary for criteria. The effective date for the demonstrated reserve base, as customarily worded, is 'Remaining as of January 1, 2012.' 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, 2011. 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, 'Coal Production and Preparation Report,' and U.S. Department of Labor, Mine Safety and Health Administration Form 7000-2, 'Quarterly Mine Employment and Coal Production Report.'