

**Table 16. Recoverable Coal Reserves at Producing Mines, Estimated Recoverable Reserves, and Demonstrated Reserve Base by Mining Method, 2003**  
(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.....	283	537	1,066	25	2,290	3,215	308	2,828	4,282
Alaska.....	-	2,745	5,423	W	547	691	W	3,292	6,114
Arizona.....	-	-	-	W	18	23	W	18	23
Arkansas.....	-	127	272	-	101	144	-	228	417
Colorado.....	360	6,087	11,599	67	3,750	4,766	427	9,837	16,365
Georgia.....	-	1	2	-	1	2	-	2	4
Idaho.....	-	2	4	-	-	-	-	2	4
Illinois.....	873	27,961	88,025	40	10,079	16,563	913	38,040	104,589
Indiana.....	262	3,638	8,784	170	469	802	432	4,107	9,586
Iowa.....	-	807	1,732	-	320	457	-	1,127	2,189
Kansas.....	-	-	-	-	681	973	-	681	973
Kentucky Total.....	796	7,563	17,346	198	7,546	13,076	994	15,109	30,422
Eastern.....	468	775	1,387	171	5,270	9,437	639	6,045	10,824
Western.....	328	6,788	15,959	27	2,276	3,639	355	9,064	19,597
Louisiana.....	-	-	-	W	320	431	W	320	431
Maryland.....	W	324	591	W	47	70	61	371	661
Michigan.....	-	55	123	-	3	5	-	59	128
Mississippi.....	-	-	-	W	-	-	W	-	-
Missouri.....	-	689	1,479	W	3,158	4,512	W	3,848	5,991
Montana.....	W	35,923	70,958	W	39,107	48,372	1,197	75,030	119,330
New Mexico.....	W	2,855	6,187	W	4,103	6,025	1,351	6,958	12,212
North Carolina.....	-	5	11	-	-	-	-	5	11
North Dakota.....	-	-	-	1,211	6,963	9,128	1,211	6,963	9,128
Ohio.....	202	7,746	17,606	134	3,781	5,777	336	11,527	23,382
Oklahoma.....	W	574	1,233	W	229	327	17	803	1,559
Pennsylvania Total.....	439	10,825	23,437	97	1,065	4,283	536	11,889	27,719
Anthracite.....	2	340	3,845	23	420	3,358	26	760	7,203
Bituminous.....	437	10,484	19,592	74	644	925	511	11,129	20,517
South Dakota.....	-	-	-	-	277	366	-	277	366
Tennessee.....	4	282	515	18	182	269	22	464	783
Texas.....	-	-	-	623	9,622	12,500	623	9,622	12,500
Utah.....	W	2,559	5,221	W	212	268	331	2,771	5,488
Virginia.....	192	676	1,204	34	378	590	226	1,054	1,794
Washington.....	-	674	1,332	W	12	16	W	687	1,348
West Virginia Total.....	1,153	15,770	29,548	343	2,476	3,925	1,497	18,246	33,473
Northern.....	393	NA	NA	25	NA	NA	418	NA	NA
Southern.....	760	NA	NA	319	NA	NA	1,078	NA	NA
Wyoming.....	-	22,950	42,501	6,707	19,282	22,320	6,707	42,232	64,821
<b>U.S. Total.....</b>	<b>5,225</b>	<b>151,376</b>	<b>336,199</b>	<b>12,730</b>	<b>117,019</b>	<b>159,893</b>	<b>17,955</b>	<b>268,396</b>	<b>496,092</b>

W = Withheld to avoid disclosure of individual company data.

NA = This estimated value is not available due to insufficient data or inadequate data/model performance.

Note: • 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, 2004." These data are contemporaneous with the Recoverable reserves at Producing Mines, customarily presented as of the end of the past year's mining, that is in this case, December 31, 2003. 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. Excludes silt, culm, refuse bank, slurry dam, and dredge operations except for Pennsylvania anthracite. Excludes mines producing less than 10,000 short tons, which are not required to provide data and refuse recovery.

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