

Table 15. Recoverable Coal Reserves at Producing Mines, Estimated Recoverable Reserves, and Demonstrated Reserve Base by Mining Method, 2005
(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.....	306	508	1,007	50	2,278	3,198	355	2,785	4,205
Alaska.....	-	2,335	5,423	W	499	687	W	2,834	6,110
Arizona.....	-	-	-	W	NA	NA	W	NA	NA
Arkansas.....	-	127	272	-	101	144	-	228	417
Colorado.....	338	6,015	11,461	44	3,747	4,762	382	9,761	16,223
Georgia.....	-	1	2	-	1	2	-	2	4
Idaho.....	-	2	160	-	-	-	-	2	160
Illinois.....	708	27,927	87,919	40	10,073	16,550	747	38,000	104,469
Indiana.....	249	3,620	8,741	133	434	742	382	4,054	9,483
Iowa.....	-	807	1,732	-	320	457	-	1,127	2,189
Kansas.....	-	-	-	W	681	972	W	681	972
Kentucky Total.....	965	7,411	17,055	204	7,483	12,965	1,169	14,894	30,020
Eastern.....	603	658	1,178	181	5,214	9,337	784	5,872	10,516
Western.....	362	6,753	15,877	23	2,269	3,628	385	9,022	19,504
Louisiana.....	-	-	-	W	312	422	W	312	422
Maryland.....	W	317	578	W	44	65	35	361	643
Michigan.....	-	55	123	-	3	5	-	59	128
Mississippi.....	-	-	-	W	NA	NA	W	NA	NA
Missouri.....	-	689	1,479	W	3,157	4,510	W	3,847	5,989
Montana.....	W	35,922	70,958	W	39,021	48,272	1,234	74,944	119,230
New Mexico.....	W	2,801	6,156	W	4,188	5,975	526	6,988	12,131
North Carolina.....	-	5	11	-	-	-	-	5	11
North Dakota.....	-	-	-	1,214	6,906	9,053	1,214	6,906	9,053
Ohio.....	205	7,719	17,546	166	3,767	5,754	371	11,486	23,300
Oklahoma.....	W	574	1,231	W	226	323	15	800	1,554
Oregon.....	-	6	15	-	2	3	-	9	17
Pennsylvania Total.....	520	10,710	23,221	96	1,044	4,251	616	11,754	27,472
Anthracite.....	2	340	3,844	18	420	3,355	21	760	7,198
Bituminous.....	518	10,370	19,377	78	625	896	596	10,994	20,274
South Dakota.....	-	-	-	-	277	366	-	277	366
Tennessee.....	8	280	510	11	179	264	19	459	774
Texas.....	-	-	-	772	9,534	12,385	772	9,534	12,385
Utah.....	281	2,514	5,128	-	212	268	281	2,726	5,396
Virginia.....	235	2,949	1,130	59	171	562	294	3,121	1,693
Washington.....	-	1,030	1,332	W	6	8	W	1,036	1,340
West Virginia Total.....	1,179	15,576	29,184	562	2,382	3,775	1,741	17,958	32,960
Northern.....	290	NA	NA	35	NA	NA	325	NA	NA
Southern.....	888	NA	NA	527	NA	NA	1,416	NA	NA
Wyoming.....	W	22,950	42,500	W	17,657	21,319	7,975	40,607	63,819
U.S. Total.....	5,502	152,850	334,876	13,442	114,705	158,059	18,944	267,554	492,935

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.

Notes: • The demonstrated reserve base and the estimated recoverable reserves as of 1/1/2006 incorporate revisions made to eliminate a discrepancy between data expressed by coal rank versus data allocated to Btu ranges. The minor differences resulted from the fact that coal rank classifications are based in part, but not entirely, on Btu content. EIA's data - originally allocated to Btu ranges for coal supply and demand modeling - had been used to approximate the estimated recoverable reserves by coal rank in the early 1990's. Over time, the small differences between resources and reserves by coal rank and by Btu ranges became significant due to cumulative depletion adjustments. The 1/1/2006 data include internal additions to coal tonnages by Btu ranges to identify the coal ranks where more than one rank occurs in borderline resource areas and unify the tonnage totals. • 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, 2006." 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, 2005. Current or recent mining in a State does not imply that data for a demonstrated reserve base and estimated recoverable reserves. • 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 excludes silt, culm, refuse bank, slurry dam, and dredge operations. • Reserves at Producing Mines excludes mines producing less than 10,000 short tons, which are not required to provide reserves data.

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.