

**Table 921. Demonstrated Coal Reserves by Major Producing State: 2008 and 2009**

[In millions of short tons (487,768 represents 487,678,000,000), except as number of mines. As of January 1. The demonstrated reserve base represents the sum of coal in both measured and indicated resource categories of reliability. Measured resources of coal are estimates that have a high degree of geologic assurance from sample analyses and measurements from closely spaced and geological well-known sample sites. Indicated resources are estimates based partly from sample and analyses and measurements and partly from reasonable geologic projections]

| State                                       | 2008            |                |                  |                | 2009            |                |                  |                |
|---|-----------------|----------------|------------------|----------------|-----------------|----------------|------------------|----------------|
|   | Number of mines | Total reserves | Method of mining |                | Number of mines | Total reserves | Method of mining |                |
|   |                 |                | Under-ground     | Surface        |                 |                | Under-ground     | Surface        |
| <b>United States</b> <sup>1</sup> . . . . . | <b>1,458</b>    | <b>487,678</b> | <b>332,553</b>   | <b>155,124</b> | <b>1,407</b>    | <b>486,102</b> | <b>331,882</b>   | <b>154,220</b> |
| Alabama . . . . .                           | 59              | 4,106          | 938              | 3,167          | 57              | 4,074          | 915              | 3,158          |
| Alaska . . . . .                            | 1               | 6,105          | 5,423            | 682            | 1               | 6,102          | 5,423            | 680            |
| Arkansas . . . . .                          | 2               | 416            | 272              | 144            | 2               | 416            | 272              | 144            |
| Colorado . . . . .                          | 12              | 16,033         | 11,273           | 4,760          | 11              | 15,981         | 11,222           | 4,760          |
| Illinois . . . . .                          | 19              | 104,286        | 87,757           | 16,529         | 22              | 104,222        | 87,700           | 16,522         |
| Indiana . . . . .                           | 30              | 9,325          | 8,674            | 651            | 33              | 9,271          | 8,649            | 623            |
| Iowa . . . . .                              | (NA)            | 2,189          | 1,732            | 457            | (NA)            | 2,189          | 1,732            | 457            |
| Kansas . . . . .                            | 2               | 971            | (NA)             | 971            | 1               | 971            | –                | 971            |
| Kentucky . . . . .                          | 469             | 29,416         | 16,631           | 12,784         | 449             | 29,294         | 16,505           | 12,729         |
| Kentucky, Eastern . . . . .                 | 446             | 10,073         | 902              | 9,171          | 425             | 9,952          | 828              | 9,124          |
| Kentucky, Western . . . . .                 | 23              | 19,342         | 15,729           | 3,613          | 24              | 19,282         | 15,677           | 3,605          |
| Maryland . . . . .                          | 21              | 627            | 569              | 57             | 22              | 623            | 568              | 55             |
| Missouri . . . . .                          | 2               | 5,988          | 1,479            | 4,509          | 2               | 5,988          | 1,479            | 4,508          |
| Montana . . . . .                           | 6               | 119,067        | 70,957           | 48,110         | 6               | 119,017        | 70,955           | 48,062         |
| New Mexico . . . . .                        | 5               | 12,020         | 6,114            | 5,906          | 5               | 11,984         | 6,101            | 5,883          |
| North Dakota . . . . .                      | 4               | 8,941          | (NA)             | 8,941          | 4               | 8,903          | –                | 8,903          |
| Ohio . . . . .                              | 48              | 23,174         | 17,450           | 5,725          | 46              | 23,127         | 17,415           | 5,712          |
| Oklahoma . . . . .                          | 7               | 1,547          | 1,228            | 319            | 10              | 1,545          | 1,227            | 318            |
| Pennsylvania . . . . .                      | 266             | 27,107         | 22,900           | 4,207          | 244             | 26,998         | 22,802           | 4,195          |
| Anthracite . . . . .                        | 66              | 7,192          | 3,842            | 3,350          | 64              | 7,190          | 3,842            | 3,348          |
| Bituminous . . . . .                        | 200             | 19,914         | 19,057           | 857            | 180             | 19,807         | 18,960           | 847            |
| Tennessee . . . . .                         | 23              | 762            | 505              | 258            | 25              | 759            | 503              | 256            |
| Texas . . . . .                             | 11              | 12,227         | (NA)             | 12,227         | 12              | 12,183         | (NA)             | 12,183         |
| Utah . . . . .                              | 9               | 5,246          | 4,979            | 268            | 8               | 5,203          | 4,935            | 268            |
| Virginia . . . . .                          | 114             | 1,555          | 1,030            | 525            | 108             | 1,519          | 1,004            | 515            |
| Washington . . . . .                        | (NA)            | 1,340          | 1,332            | 8              | (NA)            | 1,340          | 1,332            | 8              |
| West Virginia . . . . .                     | 301             | 32,187         | 28,669           | 3,518          | 283             | 31,955         | 28,507           | 3,448          |
| Wyoming . . . . .                           | 20              | 62,104         | 42,486           | 19,618         | 20              | 61,563         | 42,479           | 19,084         |

– Represents zero. NA Not available. <sup>1</sup> Includes other states not shown separately.

Source: U.S. Energy Information Administration, *Annual Coal Report, 2009*, September 2010. See also <[http://www.eia.doe.gov/coal/page/acr/acr\\_sum.html](http://www.eia.doe.gov/coal/page/acr/acr_sum.html)>.

**Table 922. Uranium Concentrate Industry—Summary: 1990 to 2009**

[In millions of feet (1.7 represents 1,700,000), except as indicated. See also Section 19, Table 938]

| Item  | Unit                   | 1990   | 1995  | 2000  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  |
|---|------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| Exploration and development, surface drilling . . . . . | Mil. ft. . . . .       | 1.7    | 1.3   | 1.0   | 1.2   | 1.7   | 2.7   | 5.1   | 5.1   | 3.7   |
| Expenditures . . . . .                                  | Mil. dol. . . . .      | (NA)   | 2.6   | 5.6   | 10.6  | 18.1  | 40.1  | 67.5  | 81.9  | 35.4  |
| Number of mines operated . . . . .                      | Number . . . . .       | 39     | 12    | 10    | 6     | 10    | 11    | 12    | 17    | 20    |
| Underground . . . . .                                   | Number . . . . .       | 27     | –     | 1     | 2     | 4     | 5     | 6     | 10    | 14    |
| Openpit . . . . .                                       | Number . . . . .       | 2      | –     | –     | –     | –     | –     | –     | –     | –     |
| In situ leaching . . . . .                              | Number . . . . .       | 7      | 5     | 4     | 3     | 4     | 5     | 5     | 6     | 4     |
| Other sources <sup>1</sup> . . . . .                    | Number . . . . .       | 3      | 7     | 5     | 1     | 2     | 1     | 1     | 1     | 2     |
| Mine production . . . . .                               | 1,000 pounds . . . . . | 5,876  | 3,528 | 3,123 | 2,452 | 3,045 | 4,692 | 4,541 | 3,879 | 4,145 |
| Underground . . . . .                                   | 1,000 pounds . . . . . | (D)    | –     | (D)   | (D)   | (D)   | (D)   | (D)   | (D)   | (D)   |
| Openpit . . . . .                                       | 1,000 pounds . . . . . | 1,881  | –     | –     | –     | –     | –     | –     | –     | –     |
| In situ leaching . . . . .                              | 1,000 pounds . . . . . | (D)    | 3,372 | 2,995 | (D)   | 2,681 | 4,259 | (D)   | (D)   | (D)   |
| Other sources <sup>1</sup> . . . . .                    | 1,000 pounds . . . . . | 3,995  | 156   | 128   | (D)   | (D)   | (D)   | (D)   | (D)   | (D)   |
| Uranium concentrate production . . . . .                | 1,000 pounds . . . . . | 8,886  | 6,043 | 3,958 | 2,282 | 2,689 | 4,106 | 4,534 | 3,092 | 3,708 |
| Concentrate shipments from mills and plants . . . . .   | 1,000 pounds . . . . . | 12,957 | 5,500 | 3,187 | 2,280 | 2,702 | 3,838 | 4,050 | 4,130 | 3,620 |
| Employment . . . . .                                    | Person-years . . . . . | 1,335  | 1,107 | 627   | 420   | 648   | 755   | 1,231 | 1,563 | 1,096 |

– Represents zero. D Data withheld to avoid disclosing figures for individual companies. NA Not available. <sup>1</sup> Includes mine water, mill site cleanup and mill tailings, and well field restoration as sources of uranium.

Source: U.S. Energy Information Administration, through 2002, *Uranium Industry*, annual. Thereafter, "Domestic Uranium Production Report" annual, July 2010. See also <<http://www.eia.doe.gov/coal/nuclear/dupr/dupr.html>>.