

**Table 13. Activities of underground natural gas storage operators, by state, July 2016**  
(volumes in million cubic feet)

| State                        | Field Count | Total Storage Capacity | Working Gas Storage Capacity | Natural Gas in Underground Storage at End of Period |                  |                  | Change in Working Gas from Same Period Previous Year |             | Storage Activity |                |
|------------------------------|-------------|------------------------|------------------------------|---|------------------|------------------|--|-------------|------------------|----------------|
|                              |             |                        |                              | Base Gas  | Working Gas      | Total            | Volume   | Percent     | Injections       | Withdrawals    |
| Alabama                      | 2           | 43,600                 | 33,150                       | 10,450  | 20,504           | 30,954           | -997   | -4.6        | 556              | 3,670          |
| Alaska <sup>a</sup>          | 5           | 83,592                 | 67,915                       | 14,197  | 32,084           | 46,281           | 7,556  | 30.8        | 2,123            | 146            |
| Arkansas                     | 2           | 21,853                 | 12,178                       | 12,880  | 1,878            | 14,758           | -273   | -12.7       | 517              | 0              |
| California                   | 14          | 601,808                | 375,496                      | 225,845   | 281,592          | 507,437          | -32,935  | -10.5       | 8,781            | 9,551          |
| Colorado                     | 10          | 130,186                | 63,774                       | 58,456  | 40,950           | 99,406           | 2,751  | 7.2         | 7,578            | 2,356          |
| Illinois                     | 28          | 1,004,130              | 303,613                      | 702,443   | 144,886          | 847,330          | -389   | -0.3        | 29,377           | 937            |
| Indiana                      | 21          | 111,581                | 33,592                       | 77,158  | 20,124           | 97,281           | 2,598  | 14.8        | 1,884            | 34             |
| Iowa                         | 4           | 288,210                | 90,313                       | 197,897   | 28,189           | 226,086          | -7,201   | -20.3       | 3,323            | 1,397          |
| Kansas                       | 17          | 282,984                | 122,980                      | 164,161   | 93,701           | 257,861          | 8,128  | 9.5         | 10,092           | 2,714          |
| Kentucky                     | 23          | 221,722                | 107,571                      | 112,955   | 95,630           | 208,585          | 15,555   | 19.4        | 5,405            | 2,698          |
| Louisiana                    | 19          | 743,169                | 454,753                      | 276,121   | 335,413          | 611,534          | 56,248   | 20.1        | 23,329           | 39,378         |
| Maryland                     | 1           | 64,000                 | 18,300                       | 45,677  | 14,563           | 60,241           | 1,581  | 12.2        | 1,672            | 538            |
| Michigan                     | 44          | 1,071,630              | 685,726                      | 385,032   | 536,387          | 921,419          | 137,739  | 34.6        | 40,342           | 4,543          |
| Minnesota                    | 1           | 7,000                  | 2,000                        | 4,848   | 1,616            | 6,464            | 311  | 23.8        | 205              | 0              |
| Mississippi                  | 12          | 334,961                | 205,019                      | 115,837   | 142,873          | 258,711          | 14,117   | 11.0        | 8,633            | 15,763         |
| Missouri                     | 1           | 13,845                 | 6,000                        | 7,845   | 5,979            | 13,825           | 441  | 8.0         | 0                | 0              |
| Montana                      | 5           | 376,301                | 197,501                      | 178,501   | 31,522           | 210,023          | 12,152   | 62.7        | 3,433            | 173            |
| Nebraska                     | 1           | 34,850                 | 12,653                       | 22,197  | 10,073           | 32,270           | -285   | -2.7        | 605              | 454            |
| New Mexico                   | 2           | 89,100                 | 59,738                       | 29,362  | 46,766           | 76,128           | 8,903  | 23.5        | 464              | 1,124          |
| New York                     | 26          | 245,779                | 126,871                      | 114,908   | 92,270           | 207,178          | 4,562  | 5.2         | 6,751            | 3,284          |
| Ohio                         | 24          | 575,794                | 230,828                      | 340,158   | 147,257          | 487,415          | 16,423   | 12.6        | 26,559           | 785            |
| Oklahoma                     | 13          | 375,143                | 193,455                      | 181,624   | 165,010          | 346,634          | 18,338   | 12.5        | 8,243            | 4,845          |
| Oregon                       | 7           | 29,565                 | 15,935                       | 11,186  | 16,830           | 28,015           | 2,089  | 14.2        | 913              | 26             |
| Pennsylvania                 | 49          | 760,619                | 425,861                      | 337,317   | 307,155          | 644,472          | 31,784   | 11.5        | 33,602           | 12,508         |
| Tennessee                    | 2           | 2,400                  | 1,800                        | 878   | 1,253            | 2,130            | 464  | 58.8        | 0                | 3              |
| Texas                        | 36          | 850,251                | 545,285                      | 298,207   | 442,642          | 740,848          | 56,455   | 14.6        | 19,641           | 38,170         |
| Utah                         | 3           | 124,509                | 54,942                       | 69,508  | 44,202           | 113,710          | 4,767  | 12.1        | 3,601            | 930            |
| Virginia                     | 2           | 9,500                  | 5,400                        | 4,100   | 4,162            | 8,262            | 858  | 26.0        | 941              | 1,014          |
| Washington                   | 1           | 46,900                 | 24,600                       | 22,300  | 17,743           | 40,043           | 2,795  | 18.7        | 2,267            | 1,479          |
| West Virginia                | 31          | 528,837                | 259,359                      | 270,140   | 169,855          | 439,995          | 22,463   | 15.2        | 30,576           | 1,297          |
| Wyoming                      | 9           | 157,985                | 73,705                       | 68,133  | 35,930           | 104,064          | 9,340  | 35.1        | 2,107            | 333            |
| <b>Regions</b>               |             |                        |                              |   |                  |                  |  |             |                  |                |
| East Region                  | 133         | 2,184,529              | 1,066,619                    | 1,112,301   | 735,262          | 1,847,563        | 77,670   | 11.8        | 100,101          | 19,426         |
| South Central Region         | 101         | 2,651,960              | 1,566,820                    | 1,059,279   | 1,202,020        | 2,261,299        | 152,016  | 14.5        | 71,012           | 104,541        |
| Midwest Region               | 124         | 2,720,517              | 1,230,615                    | 1,489,056   | 834,064          | 2,323,119        | 149,518  | 21.8        | 80,535           | 9,612          |
| Mountain Region              | 30          | 912,931                | 462,313                      | 426,157   | 209,444          | 635,601          | 37,629   | 21.9        | 17,788           | 5,370          |
| Pacific Region               | 22          | 678,273                | 416,031                      | 259,331   | 316,164          | 575,495          | -28,051  | -8.1        | 11,961           | 11,056         |
| <b>Total Lower 48 States</b> | <b>410</b>  | <b>9,148,211</b>       | <b>4,742,398</b>             | <b>4,346,125</b>                                    | <b>3,296,953</b> | <b>7,643,078</b> | <b>388,783</b>                                       | <b>13.4</b> | <b>281,396</b>   | <b>150,005</b> |
| <b>U.S. Total</b>            | <b>415</b>  | <b>9,231,803</b>       | <b>4,810,313</b>             | <b>4,360,322</b>                                    | <b>3,329,037</b> | <b>7,689,359</b> | <b>396,339</b>                                       | <b>13.5</b> | <b>283,519</b>   | <b>150,151</b> |

<sup>a</sup> Alaska data are not included in the regions' totals or the lower 48 states total.

**Notes:** Existing fields include both active and inactive fields. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Total gas capacity may not equal the sum of base gas and working gas capacity, owing to changes in operational conditions. Totals may not equal sum of components because of independent rounding. EIA publishes weekly estimates of working gas in underground storage by geographical region; in November 2015, region breakouts were revised from three regions to five. See Explanatory Note 5 in Appendix A for a list of the new regions shown in this table and the states included in each. Beginning with January 2013 data, Form EIA-191A is no longer used as a source for capacity data. Capacity data are now collected from the Form EIA-191. Change in Working Gas from Same Period, Previous Year, includes data for Alaska which had no working gas recorded for periods prior to January 2013. As of January 2015, the Kimball and Columbus III reservoirs in Michigan are being reported under the Bluewater Gas Storage Field on a combined basis. In prior periods, they were reported separately.

**Source:** Energy Information Administration (EIA): Form EIA-191, "Monthly Underground Gas Storage Report."

