

Table 4. Natural gas gross withdrawals in selected states and the Federal Offshore Gulf of Mexico with monthly and annual changes

million cubic feet per day

| Report month | U.S. Total |                          |                         | Lower 48 States |                          |                         | Alaska     |                          |                         |
|--------------|------------|--------------------------|-------------------------|-----------------|--------------------------|-------------------------|------------|--------------------------|-------------------------|
|              | Production | % change from last month | % change from last year | Production      | % change from last month | % change from last year | Production | % change from last month | % change from last year |
| Oct-16       | 87,686     | 0.0%                     | -3.1%                   | 78,914          | -0.6%                    | -3.2%                   | 8,772      | 5.6%                     | -2.7%                   |
| Nov-16       | 89,087     | 1.6%                     | -2.0%                   | 79,288          | 0.5%                     | -2.4%                   | 9,799      | 11.7%                    | 1.5%                    |
| Dec-16       | 88,459     | -0.7%                    | -2.5%                   | 78,507          | -1.0%                    | -3.0%                   | 9,952      | 1.6%                     | 1.5%                    |
| Jan-17       | 87,966     | -0.6%                    | -3.6%                   | 78,240          | -0.3%                    | -4.1%                   | 9,726      | -2.3%                    | 0.9%                    |
| Feb-17       | 89,419     | 1.7%                     | -2.4%                   | 79,596          | 1.7%                     | -3.1%                   | 9,823      | 1.0%                     | 4.2%                    |
| Mar-17       | 89,603     | 0.2%                     | -1.8%                   | 79,664          | 0.1%                     | -2.5%                   | 9,939      | 1.2%                     | 4.4%                    |
| Apr-17       | 89,389     | -0.2%                    | 0.0%                    | 79,824          | 0.2%                     | -1.6%                   | 9,565      | -3.8%                    | 16.6%                   |
| May-17       | 89,347     | 0.0%                     | -0.6%                   | 80,099          | 0.3%                     | -1.4%                   | 9,248      | -3.3%                    | 6.5%                    |
| Jun-17       | 89,387     | 0.0%                     | 1.7%                    | 81,093          | 1.2%                     | 1.3%                    | 8,294      | -10.3%                   | 6.4%                    |
| Jul-17       | 88,713     | -0.8%                    | 0.7%                    | 82,077          | 1.2%                     | 2.1%                    | 6,636      | -20.0%                   | -14.1%                  |
| Aug-17       | 89,166     | 0.5%                     | 1.4%                    | 82,018          | -0.1%                    | 2.7%                    | 7,148      | 7.7%                     | -11.5%                  |
| Sep-17       | 91,854     | 3.0%                     | 4.8%                    | 83,342          | 1.6%                     | 5.0%                    | 8,512      | 19.1%                    | 2.4%                    |
| Oct-17       | 93,104     | 1.4%                     | 6.2%                    | 83,969          | 0.8%                     | 6.4%                    | 9,135      | 7.3%                     | 4.1%                    |

  

| Report month | Arkansas   |                          |                         | California |                          |                         | Colorado   |                          |                         |
|--------------|------------|--------------------------|-------------------------|------------|--------------------------|-------------------------|------------|--------------------------|-------------------------|
|              | Production | % change from last month | % change from last year | Production | % change from last month | % change from last year | Production | % change from last month | % change from last year |
| Oct-16       | 2,120      | -0.6%                    | -20.8%                  | 545        | -2.3%                    | -8.9%                   | 4,706      | 0.7%                     | -0.3%                   |
| Nov-16       | 2,094      | -1.2%                    | -20.4%                  | 540        | -0.9%                    | -10.0%                  | 4,713      | 0.2%                     | 0.3%                    |
| Dec-16       | 2,035      | -2.8%                    | -21.3%                  | 530        | -1.9%                    | -10.9%                  | 4,647      | -1.4%                    | 0.3%                    |
| Jan-17       | 2,003      | -1.6%                    | -20.0%                  | 557        | 5.1%                     | -5.3%                   | 4,614      | -0.7%                    | -0.9%                   |
| Feb-17       | 2,014      | 0.6%                     | -18.5%                  | 547        | -1.7%                    | -5.7%                   | 4,648      | 0.7%                     | 0.8%                    |
| Mar-17       | 1,997      | -0.9%                    | -16.6%                  | 545        | -0.3%                    | -4.5%                   | 4,598      | -1.1%                    | -0.2%                   |
| Apr-17       | 1,998      | 0.0%                     | -15.0%                  | 554        | 1.5%                     | 1.5%                    | 4,545      | -1.2%                    | -2.0%                   |
| May-17       | 1,972      | -1.3%                    | -14.6%                  | 558        | 0.8%                     | -4.5%                   | 4,466      | -1.7%                    | -4.3%                   |
| Jun-17       | 1,950      | -1.1%                    | -12.8%                  | 562        | 0.7%                     | 0.4%                    | 4,479      | 0.3%                     | -1.8%                   |
| Jul-17       | 1,900      | -2.6%                    | -13.4%                  | 568        | 1.0%                     | 0.8%                    | 4,520      | 0.9%                     | -1.8%                   |
| Aug-17       | 1,888      | -0.6%                    | -12.6%                  | 556        | -2.1%                    | -0.6%                   | 4,623      | 2.3%                     | -1.8%                   |
| Sep-17       | 1,865      | -1.3%                    | -12.6%                  | 555        | -0.1%                    | -0.4%                   | 4,671      | 1.0%                     | 0.0%                    |
| Oct-17       | 1,853      | -0.6%                    | -12.6%                  | 552        | -0.6%                    | 1.3%                    | 4,699      | 0.6%                     | -0.1%                   |

  

| Report month | Federal Offshore Gulf of Mexico |                          |                         | Kansas     |                          |                         | Louisiana  |                          |                         |
|--------------|---------------------------------|--------------------------|-------------------------|------------|--------------------------|-------------------------|------------|--------------------------|-------------------------|
|              | Production                      | % change from last month | % change from last year | Production | % change from last month | % change from last year | Production | % change from last month | % change from last year |
| Oct-16       | 3,290                           | 4.0%                     | -9.0%                   | 640        | -7.8%                    | -14.0%                  | 4,722      | -0.8%                    | -3.7%                   |
| Nov-16       | 3,306                           | 0.5%                     | -3.1%                   | 615        | -3.9%                    | -15.2%                  | 4,591      | -2.8%                    | -5.7%                   |
| Dec-16       | 3,394                           | 2.7%                     | -3.7%                   | 638        | 3.8%                     | -9.1%                   | 4,702      | 2.4%                     | -4.2%                   |
| Jan-17       | 3,327                           | -2.0%                    | -2.8%                   | 621        | -2.6%                    | -10.4%                  | 4,933      | 4.9%                     | 0.2%                    |
| Feb-17       | 3,276                           | -1.6%                    | -3.3%                   | 627        | 1.0%                     | -9.0%                   | 5,157      | 4.5%                     | 3.8%                    |
| Mar-17       | 3,327                           | 1.6%                     | -4.8%                   | 620        | -1.2%                    | -10.1%                  | 5,351      | 3.8%                     | 11.5%                   |
| Apr-17       | 3,037                           | -8.7%                    | -7.9%                   | 608        | -1.9%                    | -10.3%                  | 5,238      | -2.1%                    | 4.3%                    |
| May-17       | 3,111                           | 2.4%                     | -10.6%                  | 597        | -1.7%                    | -11.3%                  | 5,310      | 1.4%                     | 11.3%                   |
| Jun-17       | 2,964                           | -4.7%                    | -6.5%                   | 612        | 2.4%                     | -7.0%                   | 5,685      | 7.1%                     | 22.1%                   |
| Jul-17       | 3,091                           | 4.3%                     | -4.8%                   | 609        | -0.5%                    | -8.0%                   | 5,822      | 2.4%                     | 17.7%                   |
| Aug-17       | 2,900                           | -6.2%                    | -13.1%                  | 599        | -1.6%                    | -8.6%                   | 5,917      | 1.6%                     | 28.6%                   |
| Sep-17       | 2,875                           | -0.9%                    | -9.1%                   | 601        | 0.3%                     | -13.3%                  | 6,307      | 6.6%                     | 32.5%                   |
| Oct-17       | 2,531                           | -11.9%                   | -23.1%                  | 589        | -2.0%                    | -7.9%                   | 6,498      | 3.0%                     | 37.6%                   |

  

| Report month | Montana    |                          |                         | New Mexico |                          |                         | North Dakota |                          |                         |
|--------------|------------|--------------------------|-------------------------|------------|--------------------------|-------------------------|--------------|--------------------------|-------------------------|
|              | Production | % change from last month | % change from last year | Production | % change from last month | % change from last year | Production   | % change from last month | % change from last year |
| Oct-16       | 140        | 0.8%                     | -11.8%                  | 3,548      | -1.5%                    | -2.8%                   | 1,720        | 6.6%                     | 3.8%                    |
| Nov-16       | 142        | 1.5%                     | -9.0%                   | 3,568      | 0.5%                     | -1.6%                   | 1,762        | 2.5%                     | 5.0%                    |
| Dec-16       | 135        | -5.2%                    | -11.3%                  | 3,485      | -2.3%                    | 5.6%                    | 1,541        | -12.6%                   | -7.9%                   |
| Jan-17       | 131        | -2.9%                    | -12.3%                  | 3,389      | -2.8%                    | 2.9%                    | 1,565        | 1.6%                     | -4.7%                   |
| Feb-17       | 133        | 1.6%                     | -10.8%                  | 3,482      | 2.8%                     | 2.7%                    | 1,714        | 9.5%                     | 1.3%                    |
| Mar-17       | 131        | -1.6%                    | -11.7%                  | 3,517      | 1.0%                     | -0.5%                   | 1,749        | 2.1%                     | 2.1%                    |
| Apr-17       | 132        | 1.1%                     | -10.2%                  | 3,597      | 2.3%                     | 1.7%                    | 1,847        | 5.6%                     | 13.2%                   |
| May-17       | 133        | 0.8%                     | -8.4%                   | 3,632      | 1.0%                     | 3.4%                    | 1,861        | 0.8%                     | 13.1%                   |
| Jun-17       | 133        | -0.3%                    | -6.7%                   | 3,623      | -0.3%                    | 3.0%                    | 1,856        | -0.3%                    | 11.4%                   |
| Jul-17       | 133        | 0.3%                     | -5.6%                   | 3,625      | 0.1%                     | 2.6%                    | 1,888        | 1.7%                     | 11.1%                   |
| Aug-17       | 134        | 0.4%                     | 0.5%                    | 3,610      | -0.4%                    | 0.3%                    | 1,933        | 2.4%                     | 17.9%                   |
| Sep-17       | 130        | -2.6%                    | -6.1%                   | 3,722      | 3.1%                     | 3.3%                    | 1,931        | -0.1%                    | 19.7%                   |
| Oct-17       | 130        | -0.1%                    | -7.0%                   | 3,803      | 2.2%                     | 7.2%                    | 2,058        | 6.5%                     | 19.6%                   |

See notes and sources at end of table.

**Table 4. Natural gas gross withdrawals in selected states and the Federal Offshore Gulf of Mexico with monthly and annual changes (continued)**

million cubic feet per day

| Report month | Ohio       |                          |                         | Oklahoma   |                          |                         | Pennsylvania |                          |                         |
|--------------|------------|--------------------------|-------------------------|------------|--------------------------|-------------------------|--------------|--------------------------|-------------------------|
|              | Production | % change from last month | % change from last year | Production | % change from last month | % change from last year | Production   | % change from last month | % change from last year |
| Oct-16       | 4,091      | 0.6%                     | 19.3%                   | 6,652      | -1.3%                    | -1.5%                   | 13,730       | -2.5%                    | 4.5%                    |
| Nov-16       | 4,091      | 0.0%                     | 19.3%                   | 6,512      | -2.1%                    | -3.1%                   | 14,656       | 6.7%                     | 7.4%                    |
| Dec-16       | 4,091      | 0.0%                     | 19.3%                   | 6,304      | -3.2%                    | -5.9%                   | 14,984       | 2.2%                     | 7.1%                    |
| Jan-17       | 4,275      | 4.5%                     | 13.7%                   | 6,256      | -0.8%                    | -9.4%                   | 14,893       | -0.6%                    | 2.4%                    |
| Feb-17       | 4,367      | 2.2%                     | 16.1%                   | 6,399      | 2.3%                     | -7.8%                   | 14,983       | 0.6%                     | 0.1%                    |
| Mar-17       | 4,233      | -3.1%                    | 12.5%                   | 6,710      | 4.9%                     | -3.1%                   | 14,827       | -1.0%                    | 1.6%                    |
| Apr-17       | 4,363      | 3.1%                     | 14.4%                   | 6,779      | 1.0%                     | -0.1%                   | 14,921       | 0.6%                     | 3.1%                    |
| May-17       | 4,348      | -0.3%                    | 14.0%                   | 6,706      | -1.1%                    | -1.9%                   | 14,766       | -1.0%                    | -0.8%                   |
| Jun-17       | 4,642      | 6.8%                     | 21.7%                   | 6,790      | 1.2%                     | 0.8%                    | 14,772       | 0.0%                     | 0.9%                    |
| Jul-17       | 5,040      | 8.6%                     | 24.0%                   | 6,871      | 1.2%                     | 1.1%                    | 14,746       | -0.2%                    | 2.0%                    |
| Aug-17       | 5,169      | 2.6%                     | 27.1%                   | 7,040      | 2.5%                     | 3.3%                    | 14,525       | -1.5%                    | 2.0%                    |
| Sep-17       | 5,341      | 3.3%                     | 31.4%                   | 7,041      | 0.0%                     | 4.5%                    | 14,808       | 1.9%                     | 5.2%                    |
| Oct-17       | 5,470      | 2.4%                     | 33.7%                   | 7,250      | 3.0%                     | 9.0%                    | 14,496       | -2.1%                    | 5.6%                    |

  

| Report month | Texas      |                          |                         | Utah       |                          |                         | West Virginia |                          |                         |
|--------------|------------|--------------------------|-------------------------|------------|--------------------------|-------------------------|---------------|--------------------------|-------------------------|
|              | Production | % change from last month | % change from last year | Production | % change from last month | % change from last year | Production    | % change from last month | % change from last year |
| Oct-16       | 21,575     | -0.8%                    | -9.6%                   | 940        | -2.1%                    | -6.4%                   | 3,811         | -0.5%                    | 9.0%                    |
| Nov-16       | 21,281     | -1.4%                    | -10.0%                  | 925        | -1.7%                    | -9.0%                   | 3,869         | 1.5%                     | 19.1%                   |
| Dec-16       | 20,676     | -2.8%                    | -10.8%                  | 909        | -1.7%                    | -16.7%                  | 3,962         | 2.4%                     | 15.3%                   |
| Jan-17       | 20,725     | 0.2%                     | -9.4%                   | 894        | -1.7%                    | -17.8%                  | 4,000         | 1.0%                     | 8.5%                    |
| Feb-17       | 21,206     | 2.3%                     | -7.6%                   | 894        | 0.0%                     | -15.7%                  | 4,013         | 0.3%                     | 7.7%                    |
| Mar-17       | 20,933     | -1.3%                    | -8.5%                   | 893        | -0.2%                    | -16.1%                  | 4,085         | 1.8%                     | 12.8%                   |
| Apr-17       | 21,096     | 0.8%                     | -7.2%                   | 884        | -1.0%                    | -15.7%                  | 4,057         | -0.7%                    | 9.8%                    |
| May-17       | 21,478     | 1.8%                     | -5.1%                   | 882        | -0.2%                    | -13.7%                  | 4,257         | 4.9%                     | 14.8%                   |
| Jun-17       | 21,667     | 0.9%                     | -4.3%                   | 871        | -1.2%                    | -11.9%                  | 4,337         | 1.9%                     | 24.8%                   |
| Jul-17       | 22,004     | 1.6%                     | -2.0%                   | 846        | -2.9%                    | -13.5%                  | 4,390         | 1.2%                     | 14.1%                   |
| Aug-17       | 21,544     | -2.1%                    | -3.4%                   | 845        | -0.1%                    | -13.5%                  | 4,632         | 5.5%                     | 20.4%                   |
| Sep-17       | 21,866     | 1.5%                     | 0.5%                    | 841        | -0.4%                    | -12.4%                  | 4,650         | 0.4%                     | 21.4%                   |
| Oct-17       | 22,387     | 2.4%                     | 3.8%                    | 832        | -1.1%                    | -11.5%                  | 4,683         | 0.7%                     | 22.9%                   |

  

| Report month | Wyoming    |                          |                         | Other States |                          |                         |
|--------------|------------|--------------------------|-------------------------|--------------|--------------------------|-------------------------|
|              | Production | % change from last month | % change from last year | Production   | % change from last month | % change from last year |
| Oct-16       | 5,163      | 2.0%                     | -5.1%                   | 1,522        | -1.0%                    | -8.6%                   |
| Nov-16       | 5,090      | -1.4%                    | -6.8%                   | 1,533        | 0.7%                     | -6.8%                   |
| Dec-16       | 4,978      | -2.2%                    | -7.2%                   | 1,496        | -2.4%                    | -8.9%                   |
| Jan-17       | 4,556      | -8.5%                    | -13.5%                  | 1,504        | 0.5%                     | -6.7%                   |
| Feb-17       | 4,644      | 1.9%                     | -10.8%                  | 1,492        | -0.8%                    | -8.5%                   |
| Mar-17       | 4,668      | 0.5%                     | -11.8%                  | 1,479        | -0.9%                    | -8.8%                   |
| Apr-17       | 4,705      | 0.8%                     | -9.3%                   | 1,466        | -0.9%                    | -6.8%                   |
| May-17       | 4,558      | -3.1%                    | -8.0%                   | 1,463        | -0.2%                    | -7.3%                   |
| Jun-17       | 4,710      | 3.3%                     | -7.3%                   | 1,440        | -1.6%                    | -6.5%                   |
| Jul-17       | 4,661      | -1.0%                    | 0.4%                    | 1,365        | -5.2%                    | -11.6%                  |
| Aug-17       | 4,691      | 0.7%                     | 0.0%                    | 1,412        | 3.4%                     | -8.0%                   |
| Sep-17       | 4,732      | 0.9%                     | -6.5%                   | 1,405        | -0.5%                    | -8.5%                   |
| Oct-17       | 4,756      | 0.5%                     | -7.9%                   | 1,381        | -1.7%                    | -9.2%                   |

**Notes:** Natural gas production represents monthly natural gas gross withdrawals estimated from data collected on the EIA-914 survey. Data for Arkansas, California, Colorado, Federal Offshore Gulf of Mexico, Kansas, Louisiana, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, and Wyoming are individually collected on the EIA-914 survey. The "Other States" category comprises states/areas not individually collected on the EIA-914 survey (Alabama, Arizona, Federal Offshore Pacific, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia). Before 2017, Federal Offshore Pacific is included in California. All data for Alaska are obtained directly from the state. Data for 2017 are estimated. The sum of individual states may not equal total U.S. volumes due to independent rounding. Previous months' production volumes may have been revised for all states/areas. Percent change is calculated using unrounded values.

**Sources:** Form EIA-914, *Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report*.