# Mineral Industry Surveys 

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## CRUSHED STONE AND SAND AND GRAVEL IN THE SECOND QUARTER 2017

An estimated 365 million metric tons (Mt) of crushed stone was produced and shipped for consumption in the United States in the second quarter of 2017, a slight decrease compared with that of the second quarter of 2016. The estimated production for consumption in the first 6 months of 2017 was 626 Mt , a slight decrease compared with that of the same period of 2016. The five leading States, in descending order of production for consumption, were Texas, Pennsylvania, Florida, North Carolina, and Ohio. Their combined total production for consumption in the second quarter of 2017 was 117 Mt and represented $32 \%$ of the U.S. total.

The estimated U.S. output of construction sand and gravel produced and shipped for consumption in the second quarter of 2017 was 241 Mt, a slight decrease compared with that of the second quarter of 2016. The estimated production for consumption in the first 6 months of 2017 was 393 Mt , a slight decrease compared with that of the same period of 2016. The five leading States, in descending order of production for consumption, were California, Texas, Michigan, Minnesota, and Arizona. Their combined total production for consumption in the second quarter of 2017 was 81.6 Mt and represented $34 \%$ of the U.S. total.

An estimated 606 Mt of total construction aggregates was produced and shipped for consumption in the United States in the second quarter of 2017, a slight decrease compared with that of the second quarter of 2016. The estimated production for consumption in the first 6 months of 2017 was 1.02 billion metric tons, a slight decrease compared with that of the same period of 2016. The five leading States, in descending order of production for consumption, were Texas, California, Pennsylvania, Florida, and Ohio. Their combined total
production for consumption in the second quarter of 2017 was 173 Mt , a decrease of $4 \%$ and represented $28 \%$ of the U.S. total.

The above estimates are based on information reported to the U.S. Geological Survey (USGS) on its quarterly sample survey by construction aggregates producers.

Portland (including blended) cement consumption increased slightly in the second quarter of 2017 compared with that of the second quarter of 2016. Consumption in the first 6 months of 2017 increased slightly compared with that of the same period of 2016. This information was obtained from the USGS monthly survey of U.S. cement producers.

This sample survey generates production-for-consumption estimates by quarters, based on information reported voluntarily by a limited number of producing companies. In most quarters, a few companies may report amounts sold in the current quarter that vary greatly from the amounts reported in the previous year during the same quarter. The usual cause behind a large change can be attributed to the opening or closing of an operation, weather, or an external force that only the company or one of its operations experienced in that quarter. Previously-reported data are occasionally revised, and the estimated quantities for the prior quarters are then recalculated. The latest release of the quarterly Mineral Industry Surveys contains the most recent estimated totals and supersedes previously published reports.

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TABLE 1
CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION ${ }^{1,2}$
(Thousand metric tons and thousand dollars)

| Region/Division | 2016 |  |  |  |  |  | 2017 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quantity |  |  |  |  | $\begin{gathered} \text { Value } \\ \text { 1st-4th qtr. }{ }^{3} \end{gathered}$ | Quantity 1st qtr. | Percent change ${ }^{4}$ | Quantity 2d qtr. | Percent change ${ }^{4}$ |
|  | 1st qtr. | 2d qtr. | 3d qtr. | 4th qtr. | 1st-4th qtr. ${ }^{3}$ |  |  |  |  |  |
| Northeast: |  |  |  |  |  |  |  |  |  |  |
| New England | 3,060 | 12,400 | 14,500 | 9,840 | 39,800 | 503,000 | 2,620 | -14.5 | 11,500 | -7.2 |
| Middle Atlantic | 19,500 | 42,100 | 46,000 | 33,100 | 141,000 | 1,820,000 | 18,500 | -5.0 | 41,000 | -2.7 |
| Midwest: |  |  |  |  |  |  |  |  |  |  |
| East North Central | 29,400 | 63,400 | 71,200 | 55,200 | 219,000 | 1,970,000 | 31,600 | 7.6 | 57,900 | -8.6 |
| West North Central | 24,300 | 37,200 | 39,400 | 33,300 | 135,000 | 1,270,000 | 21,300 | -12.3 | 36,500 | -2.0 |
| South: |  |  |  |  |  |  |  |  |  |  |
| South Atlantic | 66,400 | 80,700 | 81,500 | 70,900 | 300,000 | 4,180,000 | 67,600 | 1.8 | 80,300 | -0.5 |
| East South Central | 26,600 | 37,600 | 38,300 | 33,600 | 136,000 | 1,600,000 | 26,700 | 0.6 | 35,800 | -4.8 |
| West South Central | 58,200 | 58,000 | 60,700 | 54,500 | 231,000 | 2,360,000 | 55,100 | -5.3 | 59,800 | 3.1 |
| West: |  |  |  |  |  |  |  |  |  |  |
| Mountain | 12,000 | 19,700 | 20,500 | 14,600 | 78,300 | 589,000 | 13,400 | 12.1 | 21,200 | 7.4 |
| Pacific | 14,800 | 18,600 | 21,000 | 16,800 | 71,300 | 704,000 | 12,700 | -13.9 | 19,900 | 6.8 |
| Total ${ }^{5}$ | 267,000 | 373,000 | 391,000 | 326,000 | 1,360,000 | 15,100,000 | 261,000 | -2.2 | 365,000 | -2.0 |

${ }^{1}$ Quarterly totals shown are estimates based on a sample survey. Estimated quantities for prior quarters have been recalculated.
${ }^{2}$ Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, MI, OH, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).
${ }^{3}$ Data may not add to totals shown because of independent rounding and differences between projected totals by States and by divisions.
${ }^{4}$ Compared with same period of preceding year; all percentages are calculated using unrounded totals.
${ }^{5}$ Includes all 50 States.

TABLE 2
CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE ${ }^{1}$
(Thousand metric tons and thousand dollars)

| State | 2016 |  |  |  |  |  | 2017 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quantity |  |  |  |  | Value 1st-4th qtr. ${ }^{2}$ | Quantity <br> 1st qtr. | Percent change ${ }^{3}$ | Quantity 2d qtr. | Percent change ${ }^{3}$ |
|  | 1st qtr. | 2d qtr. | 3d qtr. | 4th qtr. | 1st-4th qtr. ${ }^{2}$ |  |  |  |  |  |
| Alabama | 9,230 | 11,200 | 10,100 | 9,910 | 40,400 | 475,000 | 8,960 | -2.9 | 9,960 | -11.2 |
| Alaska | (4) | (4) | (4) | (4) | 1,040 | 13,100 | (4) | (4) | (4) | (4) |
| Arizona | 2,370 | 2,530 | 2,210 | 1,940 | 9,040 | 75,900 | 2,120 | -10.7 | 2,360 | -6.9 |
| Arkansas | 6,870 | 8,000 | 7,450 | 7,250 | 29,600 | 262,000 | 6,520 | -5.2 | 7,790 | -2.5 |
| California | 7,880 | 9,590 | 9,960 | 8,570 | 36,000 | 326,000 | 6,570 | -16.6 | 9,980 | 4.0 |
| Colorado | 2,370 | 3,280 | 4,620 | 3,270 | 13,500 | 126,000 | 2,810 | 18.4 | 4,270 | 30.5 |
| Connecticut | 704 | 3,070 | 3,170 | 2,450 | 9,400 | 150,000 | 662 | -5.9 | 2,720 | -11.3 |
| Delaware | W | W | W | W | W | W | W | W | W | W |
| Florida | 18,000 | 18,500 | 17,000 | 16,500 | 70,000 | 837,000 | 18,200 | 0.8 | 19,300 | 4.1 |
| Georgia | 12,900 | 15,400 | 14,900 | 12,200 | 55,400 | 770,000 | 12,900 | 0.0 | 13,600 | -11.9 |
| Hawaii | (4) | (4) | (4) | (4) | 4,460 | 92,400 | (4) | (4) | (4) | (4) |
| Idaho | (4) | (4) | (4) | (4) | 8,700 | 61,700 | (4) | (4) | (4) | (4) |
| Illinois | 5,290 | 15,000 | 17,100 | 13,000 | 50,400 | 554,000 | 5,160 | -2.4 | 13,200 | -12.1 |
| Indiana | 6,570 | 13,400 | 14,900 | 12,900 | 47,700 | 385,000 | 6,570 | 0.0 | 12,800 | -4.0 |
| Iowa | 5,020 | 12,000 | 11,900 | 9,440 | 38,400 | 412,000 | 4,670 | -6.9 | 11,500 | -4.2 |
| Kansas | 3,390 | 4,460 | 4,500 | 4,020 | 16,400 | 158,000 | 2,690 | -20.6 | 4,240 | -4.8 |
| Kentucky | 7,950 | 13,500 | 15,300 | 13,900 | 50,500 | 487,000 | 8,310 | 4.5 | 13,300 | -1.1 |
| Louisiana | W | W | W | W | W | W | W | W | W | W |
| Maine | 248 | 1,140 | 1,460 | 989 | 3,840 | 31,600 | 236 | -5.1 | 1,030 | -10.1 |
| Maryland | 3,120 | 5,630 | 6,660 | 5,590 | 21,000 | 237,000 | 3,510 | 12.7 | 6,670 | 18.6 |
| Massachusetts | 1,010 | 3,930 | 3,860 | 3,150 | 11,900 | 170,000 | 828 | -18.0 | 3,600 | -8.6 |
| Michigan | 2,970 | 10,300 | 11,400 | 7,950 | 32,700 | 249,000 | 2,710 | -8.5 | 8,950 | -13.4 |
| Minnesota | 235 | 2,170 | 2,920 | 1,390 | 6,720 | 88,800 | 204 | -12.9 | 2,200 | 1.3 |
| Mississippi | 427 | 640 | 601 | 529 | 2,200 | 67,000 | 422 | -1.2 | 561 | -12.4 |
| Missouri | 13,400 | 14,100 | 15,300 | 15,200 | 58,100 | 454,000 | 11,700 | -13.1 | 14,100 | -0.5 |
| Montana | (4) | (4) | (4) | (4) | 2,790 | 29,400 | (4) | (4) | (4) | (4) |
| Nebraska | 1,610 | 2,050 | 2,130 | 1,860 | 7,640 | 99,400 | 1,600 | -0.1 | 2,030 | -1.0 |
| Nevada | 2,150 | 3,660 | 4,410 | 2,510 | 12,700 | 126,000 | 2,860 | 32.7 | 5,380 | 46.9 |
| New Hampshire | 451 | 1,820 | 2,070 | 1,210 | 5,540 | 54,000 | 406 | -9.8 | 1,270 | -29.9 |
| New Jersey | 2,240 | 4,600 | 4,620 | 4,150 | 15,600 | 145,000 | 2,290 | 2.3 | 4,380 | -4.9 |
| New Mexico | 924 | 1,510 | 1,430 | 1,330 | 5,190 | 48,800 | 1,250 | 35.5 | 1,670 | 10.7 |
| New York | 4,630 | 12,200 | 13,900 | 8,840 | 39,500 | 493,000 | 3,860 | -16.6 | 11,800 | -3.4 |
| North Carolina | 12,300 | 15,800 | 15,800 | 13,600 | 57,500 | 951,000 | 12,500 | 1.5 | 15,300 | -3.1 |
| North Dakota | (4) | (4) | (4) | (4) | 776 | 5,920 | (4) | (4) | (4) | (4) |
| Ohio | 7,350 | 16,900 | 19,200 | 16,300 | 59,700 | 561,000 | 7,300 | -0.8 | 15,200 | -10.0 |
| Oklahoma | 9,420 | 9,390 | 9,440 | 7,500 | 35,800 | 329,000 | 7,960 | -15.5 | 9,010 | -4.0 |
| Oregon | 3,870 | 5,460 | 6,590 | 5,160 | 21,100 | 161,000 | 3,570 | -7.5 | 5,610 | 2.6 |
| Pennsylvania | 12,600 | 25,300 | 27,500 | 20,100 | 85,500 | 1,180,000 | 12,300 | -2.1 | 24,800 | -1.9 |
| Rhode Island | 246 | 593 | 737 | 786 | 2,360 | 26,500 | 275 | 11.9 | 731 | 23.3 |
| South Carolina | 6,930 | 7,750 | 7,550 | 6,720 | 29,000 | 349,000 | 7,390 | 6.5 | 7,640 | -1.5 |
| South Dakota | 649 | 2,380 | 2,560 | 1,350 | 6,940 | 52,700 | 490 | -24.6 | 2,430 | 2.3 |
| Tennessee | 8,950 | 12,300 | 12,300 | 9,310 | 42,900 | 574,000 | 9,040 | 0.9 | 12,000 | -2.5 |
| Texas | 41,000 | 39,900 | 43,200 | 38,900 | 163,000 | 1,690,000 | 39,900 | -2.8 | 42,300 | 6.2 |
| Utah | 1,240 | 3,300 | 2,760 | 2,110 | 9,410 | 69,700 | 1,750 | 40.8 | 2,680 | -18.7 |
| Vermont | 403 | 1,840 | 3,200 | 1,260 | 6,700 | 72,000 | 210 | -48.0 | 2,150 | 16.9 |
| Virginia | 9,250 | 12,700 | 13,700 | 12,200 | 47,800 | 810,000 | 9,860 | 6.6 | 12,900 | 1.5 |
| Washington | 3,020 | 3,550 | 4,490 | 3,110 | 14,200 | 218,000 | 2,560 | -15.0 | 4,290 | 20.6 |
| West Virginia | 3,690 | 4,800 | 5,730 | 3,970 | 18,200 | 210,000 | 3,110 | -15.5 | 4,900 | 2.1 |
| Wisconsin | 7,200 | 7,880 | 8,580 | 4,960 | 28,600 | 225,000 | 9,870 | 37.1 | 7,840 | -0.6 |
| Wyoming | 2,930 | 5,460 | 5,060 | 3,410 | 16,900 | 51,000 | 2,660 | -9.3 | 4,820 | -11.6 |

W Withheld to avoid disclosing company proprietary data.
${ }^{1}$ Quarterly totals shown are estimates based on a sample survey. Estimated quantities for prior quarters have been recalculated.
${ }^{2}$ Data may not add to totals shown because of independent rounding and differences between projected totals by States and divisions.
${ }^{3}$ Compared with the same period of preceding year; all percentages are calculated using unrounded totals.
${ }^{4}$ State not included in quarterly survey.

TABLE 3
CONSTRUCTION SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION ${ }^{1,2}$
(Thousand metric tons and thousand dollars)

| Region/Division | 2016 |  |  |  |  |  | 2017 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quantity |  |  |  |  | $\begin{gathered} \text { Value } \\ \text { 1st-4th qtr. }{ }^{3} \end{gathered}$ | Quantity 1st qtr. | Percent change ${ }^{4}$ | Quantity 2d qtr. | Percent change ${ }^{4}$ |
|  | 1st qtr. | 2d qtr. | 3d qtr. | 4th qtr. | 1st-4th qtr. ${ }^{3}$ |  |  |  |  |  |
| Northeast: |  |  |  |  |  |  |  |  |  |  |
| New England | 1,340 | 6,600 | 8,500 | 5,540 | 37,200 | 337,000 | 1,390 | 4.2 | 6,510 | -1.4 |
| Middle Atlantic | 8,780 | 16,300 | 17,900 | 13,400 | 56,400 | 553,000 | 7,610 | -13.3 | 15,300 | -6.5 |
| Midwest: |  |  |  |  |  |  |  |  |  |  |
| East North Central | 13,200 | 31,900 | 38,800 | 27,600 | 139,000 | 981,000 | 11,500 | -13.1 | 31,300 | -2.1 |
| West North Central | 11,500 | 33,200 | 43,400 | 26,100 | 114,000 | 711,000 | 9,680 | -15.8 | 32,400 | -2.4 |
| South: |  |  |  |  |  |  |  |  |  |  |
| South Atlantic | 13,400 | 16,600 | 17,000 | 15,300 | 62,400 | 594,000 | 14,700 | 9.4 | 17,200 | 3.7 |
| East South Central | 4,210 | 7,350 | 7,510 | 6,140 | 33,900 | 250,000 | 4,230 | 0.3 | 10,900 | 48.6 |
| West South Central | 26,400 | 26,200 | 26,900 | 23,700 | 103,000 | 1,040,000 | 24,900 | -5.6 | 26,000 | -0.8 |
| West: |  |  |  |  |  |  |  |  |  |  |
| Mountain | 27,500 | 53,600 | 54,600 | 42,200 | 178,000 | 1,480,000 | 27,800 | 1.4 | 51,300 | -4.3 |
| Pacific | 25,900 | 35,800 | 39,700 | 32,200 | 134,000 | 1,540,000 | 23,800 | -7.8 | 39,800 | 11.2 |
| Total ${ }^{5}$ | 158,000 | 242,000 | 262,000 | 206,000 | 867,000 | 7,570,000 | 151,000 | -3.9 | 241,000 | -0.3 |

${ }^{1}$ Quarterly totals shown are estimates based on a sample survey. Estimated quantities for prior quarters have been recalculated.
${ }^{2}$ Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, MI, OH, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).
${ }^{3}$ Data may not add to totals shown because of independent rounding and differences between projected totals by States and by divisions.
${ }^{4}$ Compared with same period of preceding year; all percentages are calculated using unrounded totals.
${ }^{5}$ Includes all 50 States

TABLE 4
(Thousand metric tons and thousand dollars)

| State | 2016 |  |  |  |  |  | 2017 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quantity |  |  |  |  | $\begin{aligned} & \text { Value } \\ & \text { 1st-4th qtr. }{ }^{2} \end{aligned}$ | Quantity 1st qtr. | Percent change ${ }^{3}$ | Quantity 2d qtr. | Percent change ${ }^{3}$ |
|  | 1st qtr. | 2d qtr. | 3d qtr. | 4th qtr. | 1st-4th qtr. ${ }^{2}$ |  |  |  |  |  |
| Alabama | (4) | (4) | (4) | (4) | 8,700 | 65,200 | (4) | (4) | (4) | (4) |
| Alaska | (4) | (4) | (4) | (4) | 8,270 | 68,300 | (4) | (4) | (4) | (4) |
| Arizona | 8,400 | 9,990 | 10,700 | 9,770 | 38,900 | 366,000 | 8,550 | 1.8 | 10,300 | 3.3 |
| Arkansas | 1,440 | 1,670 | 1,710 | 1,520 | 6,340 | 60,000 | 1,430 | -0.4 | 1,650 | -1.1 |
| California | 17,500 | 24,400 | 25,900 | 22,000 | 89,800 | 1,170,000 | 15,800 | -9.8 | 26,200 | 7.3 |
| Colorado | 5,530 | 8,790 | 11,400 | 7,630 | 33,300 | 254,000 | 5,250 | -5.1 | 9,550 | 8.7 |
| Connecticut | 368 | 2,030 | 2,010 | 1,500 | 5,910 | 63,900 | 364 | -1.2 | 1,460 | -28.1 |
| Delaware | 381 | 523 | 656 | 559 | 2,120 | 22,100 | 444 | 16.6 | 517 | -1.1 |
| Florida | 4,650 | 5,110 | 5,140 | 4,600 | 19,500 | 203,000 | 5,030 | 8.1 | 5,350 | 4.6 |
| Georgia | 1,600 | 1,880 | 1,780 | 1,540 | 6,800 | 50,700 | 1,680 | 5.3 | 1,790 | -4.9 |
| Hawaii | (4) | (4) | (4) | (4) | 492 | 8,560 | (4) | (4) | (4) | (4) |
| Idaho | 1,890 | 3,360 | 4,300 | 2,740 | 12,300 | 80,100 | 1,940 | 2.9 | 5,270 | 56.7 |
| Illinois | 1,480 | 4,620 | 5,520 | 3,370 | 15,000 | 111,000 | 1,460 | -1.3 | 3,820 | -17.3 |
| Indiana | 2,360 | 4,710 | 5,680 | 4,410 | 17,200 | 140,000 | 2,510 | 6.3 | 4,810 | 2.2 |
| Iowa | 1,630 | 4,740 | 5,510 | 3,770 | 15,700 | 118,000 | 1,450 | -10.9 | 4,780 | 0.8 |
| Kansas | 1,540 | 2,550 | 2,350 | 1,660 | 8,100 | 50,400 | 1,250 | -19.1 | 2,030 | -20.3 |
| Kentucky | 701 | 1,820 | 1,730 | 1,320 | 5,560 | 29,600 | 456 | -34.9 | 5,580 | 207.5 |
| Louisiana | 3,480 | 3,840 | 3,630 | 3,410 | 14,400 | 197,000 | 3,060 | -12.1 | 3,010 | -21.5 |
| Maine | 206 | 1,530 | 2,840 | 2,040 | 6,620 | 53,900 | 347 | 68.6 | 1,990 | 30.2 |
| Maryland | 1,160 | 1,810 | 2,070 | 1,710 | 6,750 | 95,400 | 1,200 | 3.6 | 1,880 | 3.8 |
| Massachusetts | (4) | (4) | (4) | (4) | 12,100 | 102,000 | (4) | (4) | (4) | (4) |
| Michigan | 4,030 | 13,600 | 16,300 | 11,000 | 45,000 | 278,000 | 3,750 | -6.9 | 14,100 | 3.6 |
| Minnesota | 1,570 | 12,500 | 19,800 | 9,580 | 43,400 | 213,000 | 967 | -38.2 | 12,500 | 0.5 |
| Mississippi | 1,860 | 3,010 | 3,340 | 2,900 | 11,100 | 91,700 | 2,190 | 17.6 | 3,080 | 2.4 |
| Missouri | 2,980 | 3,240 | 3,400 | 3,120 | 12,700 | 88,300 | 2,480 | -16.8 | 2,970 | -8.1 |
| Montana | 1,450 | 3,280 | 3,990 | 2,390 | 11,100 | 100,000 | 907 | -37.6 | 3,480 | 5.9 |
| Nebraska | 2,390 | 3,380 | 3,470 | 2,950 | 12,200 | 95,900 | 2,040 | -14.7 | 3,360 | -0.6 |
| Nevada | 2,710 | 5,710 | 6,580 | 8,010 | 23,000 | 166,000 | 3,330 | 22.9 | 7,020 | 22.9 |
| New Hampshire | 531 | 1,390 | 973 | 815 | 3,710 | 33,600 | 475 | -10.6 | 1,380 | -0.8 |
| New Jersey | 1,970 | 3,250 | 3,040 | 2,680 | 10,900 | 98,100 | 1,730 | -12.4 | 3,100 | -4.5 |
| New Mexico | 1,700 | 2,320 | 2,300 | 2,000 | 8,320 | 91,600 | 2,030 | 19.4 | 2,850 | 22.8 |
| New York | 5,420 | 10,200 | 11,800 | 8,450 | 35,900 | 353,000 | 4,460 | -17.8 | 9,670 | -5.1 |
| North Carolina | 1,960 | 2,380 | 2,280 | 2,310 | 8,930 | 64,900 | 2,070 | 5.6 | 2,590 | 8.8 |
| North Dakota | 313 | 3,290 | 4,630 | 2,800 | 11,000 | 86,000 | 405 | 29.3 | 2,550 | -22.5 |
| Ohio | 5,380 | 9,020 | 11,300 | 8,770 | 34,400 | 282,000 | 3,790 | -29.6 | 8,560 | -5.1 |
| Oklahoma | 2,980 | 2,980 | 3,040 | 2,610 | 11,600 | 95,200 | 2,650 | -11.2 | 2,900 | -2.6 |
| Oregon | 2,390 | 3,260 | 4,070 | 3,010 | 12,700 | 120,000 | 2,660 | 11.3 | 4,170 | 27.8 |
| Pennsylvania | 1,390 | 2,900 | 3,000 | 2,230 | 9,520 | 101,000 | 1,430 | 2.8 | 2,510 | -13.5 |
| Rhode Island | (4) | (4) | (4) | (4) | 3,100 | 40,900 | (4) | (4) | (4) | (4) |
| South Carolina | 2,120 | 2,770 | 2,810 | 2,530 | 10,200 | 58,100 | 2,470 | 16.6 | 2,630 | -4.9 |
| South Dakota | 1,080 | 3,500 | 4,250 | 2,200 | 11,000 | 59,500 | 1,090 | 1.2 | 4,160 | 18.9 |
| Tennessee | 1,650 | 2,520 | 2,440 | 1,920 | 8,530 | 63,700 | 1,580 | -4.3 | 2,250 | -10.7 |
| Texas | 18,500 | 17,800 | 18,500 | 16,200 | 70,900 | 684,000 | 17,800 | -3.9 | 18,500 | 4.1 |
| Utah | 4,130 | 16,200 | 12,100 | 7,780 | 40,200 | 327,000 | 4,680 | 13.2 | 10,000 | -38.1 |
| Vermont | 231 | 1,640 | 2,680 | 1,190 | 5,740 | 43,000 | 207 | -10.5 | 1,670 | 1.7 |
| Virginia | 1,500 | 1,950 | 2,110 | 1,970 | 7,540 | 95,000 | 1,730 | 15.2 | 2,120 | 8.7 |
| Washington | 5,960 | 8,140 | 9,750 | 7,260 | 31,100 | 253,000 | 5,370 | -9.9 | 9,490 | 16.5 |
| West Virginia | 71 | 151 | 150 | 108 | 481 | 4,460 | 76 | 6.7 | 309 | 104.2 |
| Wisconsin | (4) | (4) | (4) | (4) | 27,800 | 170,000 | (4) | (4) | (4) | (4) |
| Wyoming | 1,640 | 3,970 | 3,190 | 1,870 | 10,700 | 98,400 | 1,140 | -30.3 | 2,790 | -29.8 |

[^0]TABLE 5
AGGREGATES SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION ${ }^{1,2}$
(Thousand metric tons and thousand dollars)

| Region/Division | 2016 |  |  |  |  |  | 2017 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quantity |  |  |  |  | $\begin{gathered} \text { Value } \\ \text { 1st-4th qtr. }{ }^{3} \end{gathered}$ | Quantity 1st qtr. | Percent change ${ }^{4}$ | Quantity 2d qtr. | Percent change ${ }^{4}$ |
|  | 1st qtr. | 2d qtr. | 3d qtr. | 4th qtr. | 1st-4th qtr. ${ }^{3}$ |  |  |  |  |  |
| Northeast: |  |  |  |  |  |  |  |  |  |  |
| New England | 4,400 | 19,000 | 23,000 | 15,400 | 77,000 | 841,000 | 4,010 | -8.8 | 18,000 | -5.2 |
| Middle Atlantic | 28,300 | 58,400 | 63,900 | 46,400 | 197,000 | 2,370,000 | 26,100 | -7.6 | 56,200 | -3.7 |
| Midwest: |  |  |  |  |  |  |  |  |  |  |
| East North Central | 42,600 | 95,400 | 110,000 | 82,700 | 358,000 | 2,960,000 | 43,100 | 1.2 | 89,200 | -6.4 |
| West North Central | 35,800 | 70,400 | 82,800 | 59,400 | 249,000 | 1,980,000 | 31,000 | -13.4 | 68,900 | -2.1 |
| South: |  |  |  |  |  |  |  |  |  |  |
| South Atlantic | 79,800 | 97,300 | 98,500 | 86,200 | 362,000 | 4,770,000 | 82,300 | 3.1 | 97,500 | 0.2 |
| East South Central | 30,800 | 45,000 | 45,800 | 39,700 | 170,000 | 1,850,000 | 31,000 | 0.6 | 46,800 | 3.9 |
| West South Central | 84,600 | 84,300 | 87,600 | 78,200 | 335,000 | 3,400,000 | 80,000 | -5.4 | 85,900 | 1.9 |
| West: |  |  |  |  |  |  |  |  |  |  |
| Mountain | 39,400 | 73,300 | 75,100 | 56,800 | 256,000 | 2,070,000 | 41,300 | 4.6 | 72,400 | -1.2 |
| Pacific | 40,600 | 54,400 | 60,800 | 49,100 | 205,000 | 2,250,000 | 36,500 | -10.0 | 59,700 | 9.7 |
| Total ${ }^{5}$ | 425,000 | 614,000 | 653,000 | 532,000 | 2,220,000 | 22,700,000 | 413,000 | -2.8 | 606,000 | -1.3 |

${ }^{1}$ Quarterly totals shown are estimates based on a sample survey. Estimated quantities for prior quarters have been recalculated.
${ }^{2}$ Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, MI, OH, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).
${ }^{3}$ Data may not add to totals shown because of independent rounding and differences between projected totals by States and by divisions.
${ }^{4}$ Compared with same period of preceding year; all percentages are calculated using unrounded totals.
${ }^{5}$ Includes all 50 States.
(Thousand metric tons and thousand dollars)

| State | 2016 |  |  |  |  |  | 2017 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quantity |  |  |  |  | Value 1st-4th qtr. ${ }^{2}$ | Quantity 1st qtr. | Percent change ${ }^{3}$ | Quantity 2d qtr. | Percent change ${ }^{3}$ |
|  | 1st qtr. | 2d qtr. | 3d qtr. | 4th qtr. | 1st-4th qtr. ${ }^{2}$ |  |  |  |  |  |
| Alabama | (4) | (4) | (4) | (4) | 49,100 | 540,000 | (4) | (4) | (4) | (4) |
| Alaska | (4) | (4) | (4) | (4) | 9,310 | 81,300 | (4) | (4) | (4) | (4) |
| Arizona | 10,800 | 12,500 | 12,900 | 11,700 | 47,900 | 442,000 | 10,700 | -0.9 | 12,700 | 1.2 |
| Arkansas | 8,310 | 9,660 | 9,150 | 8,780 | 35,900 | 322,000 | 7,950 | -4.4 | 9,440 | -2.3 |
| California | 25,400 | 34,000 | 35,900 | 30,500 | 126,000 | 1,500,000 | 22,400 | -11.9 | 36,100 | 6.3 |
| Colorado | 7,900 | 12,100 | 16,000 | 10,900 | 46,800 | 380,000 | 8,050 | 2.0 | 13,800 | 14.6 |
| Connecticut | 1,070 | 5,100 | 5,180 | 3,950 | 15,300 | 214,000 | 1,030 | -4.3 | 4,180 | -18.0 |
| Delaware | W | W | W | W | W | W | W | W | W | W |
| Florida | 22,700 | 23,600 | 22,200 | 21,100 | 89,600 | 1,040,000 | 23,200 | 2.3 | 24,600 | 4.2 |
| Georgia | 14,500 | 17,300 | 16,700 | 13,700 | 62,200 | 820,000 | 14,600 | 0.6 | 15,400 | -11.1 |
| Hawaii | (4) | (4) | (4) | (4) | 4,950 | 101,000 | (4) | (4) | (4) | (4) |
| Idaho | (4) | (4) | (4) | (4) | 21,000 | 142,000 | (4) | (4) | (4) | (4) |
| Illinois | 6,760 | 19,600 | 22,600 | 16,400 | 65,300 | 665,000 | 6,610 | -2.2 | 17,000 | -13.3 |
| Indiana | 8,930 | 18,100 | 20,500 | 17,300 | 64,900 | 526,000 | 9,080 | 1.7 | 17,600 | -2.4 |
| Iowa | 6,650 | 16,700 | 17,400 | 13,200 | 54,000 | 529,000 | 6,120 | -7.9 | 16,300 | -2.8 |
| Kansas | 4,930 | 7,000 | 6,850 | 5,670 | 24,500 | 208,000 | 3,940 | -20.1 | 6,270 | -10.4 |
| Kentucky | 8,650 | 15,300 | 17,000 | 15,200 | 56,100 | 517,000 | 8,770 | 1.3 | 18,900 | 23.7 |
| Louisiana | W | W | W | W | W | W | W | W | W | W |
| Maine | 454 | 2,680 | 4,300 | 3,030 | 10,500 | 85,500 | 582 | 28.3 | 3,020 | 13.0 |
| Maryland | 4,280 | 7,440 | 8,730 | 7,300 | 27,700 | 332,000 | 4,710 | 10.2 | 8,550 | 15.0 |
| Massachusetts | (4) | (4) | (4) | (4) | 24,100 | 271,000 | (4) | (4) | (4) | (4) |
| Michigan | 6,990 | 23,900 | 27,800 | 19,000 | 77,700 | 527,000 | 6,470 | -7.6 | 23,000 | -3.7 |
| Minnesota | 1,800 | 14,600 | 22,700 | 11,000 | 50,100 | 302,000 | 1,170 | -34.9 | 14,700 | 0.6 |
| Mississippi | 2,290 | 3,650 | 3,940 | 3,430 | 13,300 | 159,000 | 2,610 | 14.1 | 3,640 | -0.2 |
| Missouri | 16,400 | 17,400 | 18,700 | 18,400 | 70,900 | 542,000 | 14,100 | -13.8 | 17,000 | -2.0 |
| Montana | (4) | (4) | (4) | (4) | 13,900 | 130,000 | (4) | (4) | (4) | (4) |
| Nebraska | 4,000 | 5,430 | 5,600 | 4,810 | 19,800 | 195,000 | 3,640 | -8.8 | 5,390 | -0.8 |
| Nevada | 4,860 | 9,370 | 11,000 | 10,500 | 35,700 | 292,000 | 6,190 | 27.2 | 12,400 | 32.3 |
| New Hampshire | 981 | 3,210 | 3,040 | 2,020 | 9,250 | 87,600 | 881 | -10.2 | 2,660 | -17.3 |
| New Jersey | 4,210 | 7,850 | 7,670 | 6,830 | 26,500 | 243,000 | 4,020 | -4.6 | 7,470 | -4.8 |
| New Mexico | 2,620 | 3,830 | 3,730 | 3,330 | 13,500 | 140,000 | 3,280 | 25.1 | 4,520 | 18.0 |
| New York | 10,100 | 22,400 | 25,700 | 17,300 | 75,400 | 847,000 | 8,320 | -17.2 | 21,400 | -4.2 |
| North Carolina | 14,300 | 18,200 | 18,000 | 15,900 | 66,500 | 1,020,000 | 14,600 | 2.1 | 17,900 | -1.6 |
| North Dakota | (4) | (4) | (4) | (4) | 11,800 | 91,900 | (4) | (4) | (4) | (4) |
| Ohio | 12,700 | 25,900 | 30,500 | 25,000 | 94,100 | 843,000 | 11,100 | -12.9 | 23,700 | -8.3 |
| Oklahoma | 12,400 | 12,400 | 12,500 | 10,100 | 47,400 | 424,000 | 10,600 | -14.5 | 11,900 | -3.7 |
| Oregon | 6,250 | 8,720 | 10,700 | 8,170 | 33,800 | 281,000 | 6,230 | -0.4 | 9,770 | 12.0 |
| Pennsylvania | 14,000 | 28,200 | 30,500 | 22,300 | 95,000 | 1,290,000 | 13,800 | -1.6 | 27,300 | -3.1 |
| Rhode Island | (4) | (4) | (4) | (4) | 5,460 | 67,400 | (4) | (4) | (4) | (4) |
| South Carolina | 9,050 | 10,500 | 10,400 | 9,250 | 39,200 | 407,000 | 9,850 | 8.9 | 10,300 | -2.4 |
| South Dakota | 1,730 | 5,880 | 6,800 | 3,550 | 18,000 | 112,000 | 1,580 | -8.5 | 6,590 | 12.2 |
| Tennessee | 10,600 | 14,800 | 14,800 | 11,200 | 51,400 | 637,000 | 10,600 | 0.1 | 14,200 | -3.9 |
| Texas | 59,500 | 57,600 | 61,700 | 55,100 | 234,000 | 2,380,000 | 57,600 | -3.2 | 60,800 | 5.6 |
| Utah | 5,380 | 19,500 | 14,900 | 9,890 | 49,600 | 397,000 | 6,430 | 19.6 | 12,700 | -34.8 |
| Vermont | 634 | 3,480 | 5,870 | 2,450 | 12,400 | 115,000 | 416 | -34.3 | 3,820 | 9.7 |
| Virginia | 10,800 | 14,600 | 15,800 | 14,200 | 55,400 | 905,000 | 11,600 | 7.8 | 15,000 | 2.5 |
| Washington | 8,970 | 11,700 | 14,200 | 10,400 | 45,300 | 470,000 | 7,930 | -11.6 | 13,800 | 17.7 |
| West Virginia | 3,760 | 4,950 | 5,880 | 4,080 | 18,700 | 215,000 | 3,190 | -15.1 | 5,210 | 5.2 |
| Wisconsin | (4) | (4) | (4) | (4) | 56,500 | 395,000 | (4) | (4) | (4) | (4) |
| Wyoming | 4,570 | 9,430 | 8,250 | 5,290 | 27,500 | 149,000 | 3,800 | -16.8 | 7,610 | -19.3 |

W Withheld to avoid disclosing company proprietary data.
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