

Mineral Industry Surveys

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CRUSHED STONE AND SAND AND GRAVEL IN THE SECOND QUARTER 2019

An estimated 406 million metric tons (Mt) of *crushed stone* was produced and shipped for consumption in the United States in the second quarter of 2019, an increase of 4% compared with that of the second quarter of 2018. The five leading States, in descending order of production for consumption, were Texas, Pennsylvania, Florida, Missouri, and North Carolina. Their combined total production for consumption in the second quarter of 2019 was 135 Mt and represented 33% of the U.S. total. Production for consumption in the first 6 months of 2019 increased by 8% compared with that of the same period of 2018.

The estimated U.S. output of *construction sand and gravel* produced and shipped for consumption in the second quarter of 2019 was 273 Mt, a slight increase compared with that of the second quarter of 2018. The five leading States, in descending order of production for consumption, were Texas, California, Arizona, Minnesota, and Michigan. Their combined total production for consumption in the second quarter of 2019 was 101 Mt and represented 37% of the U.S. total. Production for consumption in the first 6 months of 2019 increased slightly compared with that of the same period of 2018.

An estimated 680 Mt of total *construction aggregates* was produced and shipped for consumption in the United States in the second quarter of 2019, an increase of 3% compared with that of the second quarter of 2018. 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 2019 was 198 Mt and represented 29% of the U.S. total. Production for consumption in the first 6 months of 2019 increased by 5% compared with that of the same period of 2018.

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 2019 compared with that of the second quarter of 2018. Consumption in the first 6 months of 2019 also increased slightly compared with that of the same period of 2018. 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.

List services and web feed subscribers are the first to receive notification of USGS minerals information publications and data releases. For information on how to subscribe, go to https://www.usgs.gov/centers/nmic.

 ${\it TABLE~1}$ CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION $^{1,\,2}$

				2018		2019					
			Quantity			Value	Quantity	Percent	Quantity	Percent	
Region/Division	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr.3	1st-4th qtr.3	1st qtr.	change4	2d qtr.	change4	
Northeast:											
New England	2,620	12,500	14,200	10,500	39,800	522,000	2,570	-2.1	11,800	-5.5	
Middle Atlantic	17,600	43,300	47,400	42,700	151,000	1,980,000	20,400	15.8	44,300	2.3	
Midwest:	_										
East North Central	27,800	57,700	66,100	56,300	208,000	2,030,000	28,100	1.0	57,000	-1.2	
West North Central	18,300	38,800	41,800	29,100	129,000	1,290,000	18,600	1.8	44,200	13.9	
South:	_										
South Atlantic	63,300	88,400	89,400	81,100	322,000	4,800,000	78,700	24.3	99,200	12.2	
East South Central	24,200	38,200	39,800	37,300	140,000	1,690,000	30,600	26.4	40,900	7.0	
West South Central	55,200	65,500	60,000	58,500	239,000	2,580,000	59,700	8.2	64,500	-1.6	
West:	=										
Mountain	13,700	17,000	18,200	14,100	71,400	625,000	14,500	5.6	19,600	15.2	
Pacific	18,300	26,500	26,100	21,900	92,800	1,000,000	14,600	-20.3	23,000	-13.2	
Total ⁵	248,000	391,000	404,000	357,000	1,400,000	16,700,000	281,000	13.3	406,000	3.9	

¹Quarterly totals shown are estimates based on a sample survey. Estimated quantities for prior quarters have been recalculated.

²Sales 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).

³Data may not add to totals shown because of independent rounding and differences between projected totals by States and by divisions.

⁴Compared with same period of preceding year; all percentages are calculated using unrounded totals.

⁵Includes all 50 States.

 ${\it TABLE~2}$ CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE 1

				2019						
			Quantity			Value	Quantity	Percent	Quantity	Percent
State	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. ²	1st–4th qtr. ²	1st qtr.	change ³	2d qtr.	change ³
Alabama	8,330	10,400	10,600	9,770	39,200	462,000	10,900	30.6	12,500	20.0
Alaska	(4)	(4)	(4)	(4)	839	18,200	(4)	(4)	(4)	(4)
Arizona	3,620	3,360	3,820	4,230	15,000	155,000	2,920	-19.3	4,000	19.2
Arkansas	5,760	7,360	7,070	6,530	26,700	250,000	5,710	-0.9	6,740	-8.4
California	8,740	13,200	11,300	9,530	42,700	403,000	6,130	-29.9	9,780	-25.8
Colorado	2,700	3,970	4,060	3,150	13,900	141,000	2,720	0.8	4,420	11.1
Connecticut	772	2,770	3,330	2,730	9,590	159,000	756	-2.0	2,880	3.9
Delaware	W	\mathbf{W}	W	W	W	W	W	W	W	W
Florida	19,500	20,300	19,600	18,900	78,400	1,060,000	20,600	5.7	23,200	14.0
Georgia	10,900	14,800	15,800	13,000	54,500	838,000	13,600	24.6	16,700	13.1
Hawaii	(4)	(4)	(4)	(4)	5,820	131,000	(4)	(4)	(4)	(4)
Idaho	(4)	(4)	(4)	(4)	5,220	38,700	(4)	(4)	(4)	(4)
Illinois	4,720	14,100	18,400	16,000	53,200	606,000	5,250	11.1	13,600	-3.2
Indiana	6,530	13,300	14,600	13,900	48,300	424,000	6,910	5.9	13,400	0.4
Iowa	3,750	11,500	12,900	9,090	37,200	423,000	4,080	8.8	13,700	18.8
Kansas	2,680	4,570	3,350	3,180	13,800	134,000	2,470	-7.7	4,580	0.2
Kentucky	6,460	12,900	14,400	14,200	48,100	483,000	8,270	28.0	13,500	4.0
Louisiana	W	W	W	W	W	W	W	W	W	W
Maine	240	1,220	1,490	956	3,900	33,100	203	-15.7	1,270	4.0
Maryland	1,770	7,200	8,410	7,950	25,300	313,000	5,500	210.6	9,320	29.4
Massachusetts	859	4,850	4,720	3,860	14,300	200,000	747	-13.1	3,920	-19.2
Michigan	2,630	7,130	8,620	5,620	24,000	182,000	2,430	-7.4	6,940	-2.7
Minnesota	138	2,250	3,920	1,860	8,170	109,000	169	22.5	2,740	21.8
Mississippi	371	657	584	511	2,120	66,400	451	21.6	606	-7.8
Missouri	10,000	16,700	17,100	12,200	55,900	467,000	10,100	1.0	18,700	12.1
Montana	(4)	(4)	(4)	(4)	3,130	30,600	(4)	(4)	(4)	(4)
Nebraska	1,400	2,080	2,240	1,750	7,470	102,000	1,580	12.4	2,980	43.7
Nevada	2,450	2,820	2,910	1,550	9,730	87,800	4,080	66.9	4,200	49.0
New Hampshire	375	1,670	2,110	1,570	5,720	59,300	518	38.2	1,890	13.4
New Jersey	2,470	5,220	5,590	4,850	18,100	158,000	2,590	5.0	4,900	-6.3
New Mexico	1,350	1,230	1,350	1,160	5,080	49,700	1,040	-23.1	1,220	-0.4
New York	4,080	12,100	14,200	12,400	42,700	555,000	4,720	15.7	11,800	-2.2
North Carolina	11,800	17,600	16,500	14,400	60,200	1,060,000	14,800	25.5	18,500	5.4
North Dakota	(4)	(4)	(4)	(4)	815	8,130	(4)	(4)	(4)	(4)
Ohio	7,150	16,800	19,300	16,900	60,200	627,000	8,100	13.2	16,800	-0.3
Oklahoma	8,210	9,890	9,290	9,920	37,300	359,000	9,070	10.5	10,500	5.7
Oregon	4,490	6,110	7,020	5,670	23,300	180,000	4,160	-7.3	6,260	2.4
Pennsylvania	11,000	26,000	27,700	25,500	90,100	1,270,000	13,000	18.3	27,500	6.1
Rhode Island	241	827	798	591	2,460	28,000	213	-11.5	681	-17.7
South Carolina	6,220	8,120	7,770	6,640	28,800	368,000	7,320	17.6	8,180	0.6
South Dakota	302	1,710	2,360	1,000	5,380	42,600	196	-35.1	1,530	-10.4
Tennessee	9,070	14,200	14,200	12,800	50,300	675,000	11,000	21.5	14,300	0.9
Texas	40,600	47,600	42,900	41,300	172,000	1,900,000	44,300	9.2	46,700	-1.9
Utah	1,760	2,920	2,840	1,960	9,480	74,500	1,650	-5.9	2,820	-3.5
Vermont	133	1,200	1,750	765	3,850	42,100	129	-3.4	1,200	0.3
Virginia	9,720	15,000	14,300	13,400	52,500	889,000	11,900	22.6	16,400	9.1
Washington	5,060	7,180	7,790	6,730	26,800	420,000	4,280	-15.3	6,950	-3.3
West Virginia	3,360	5,160	6,820	6,560	21,900	260,000	4,890	45.3	6,680	29.5
Wisconsin	6,750	6,410	5,180	3,810	22,100	191,000	5,370	-20.4	6,340	-1.1
	_									8.5
Wyoming W Withhold to avoid to	1,860	2,720	3,250	2,010	9,820	48,100	2,080	12.1	2,950	

W Withheld to avoid disclosing company proprietary data.

¹Quarterly totals shown are estimates based on a sample survey. Estimated quantities for prior quarters have been recalculated.

²Data may not add to totals shown because of independent rounding and differences between projected totals by States and divisions.

³Compared with the same period of preceding year; all percentages are calculated using unrounded totals.

⁴State not included in quarterly survey.

 ${\it TABLE~3}$ Construction sand and gravel sold or used by producers in the united states, by ${\it Division}^{1,\,2}$

				2019						
			Quantity			Value	Quantity	Percent	Quantity	Percent
Region/Division	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr.3	1st-4th qtr.3	1st qtr.	change ⁴	2d qtr.	change4
Northeast:										
New England	2,190	8,190	11,600	7,360	41,600	386,000	1,810	-17.1	7,810	-4.7
Middle Atlantic	6,410	13,000	14,300	12,600	46,300	487,000	7,060	10.1	13,600	4.3
Midwest:	=									
East North Central	11,000	33,800	40,100	29,100	142,000	1,040,000	11,600	5.0	33,600	-0.5
West North Central	6,230	27,600	45,400	26,200	119,000	757,000	6,140	-1.6	34,200	24.1
South:	-									
South Atlantic	13,900	18,400	18,400	16,900	68,600	670,000	15,900	13.9	19,000	3.0
East South Central	4,320	8,260	8,810	7,010	40,100	291,000	4,980	15.4	8,560	3.6
West South Central	29,800	34,800	32,700	31,400	129,000	1,310,000	32,100	7.8	35,600	2.3
West:	=									
Mountain	32,500	55,600	58,000	46,000	192,000	1,620,000	31,600	-3.0	56,800	2.2
Pacific	32,800	47,800	51,600	44,000	176,000	1,950,000	28,700	-12.5	46,300	-3.0
Total ⁵	164,000	268,000	291,000	240,000	963,000	8,600,000	168,000	2.4	273,000	1.9

¹Quarterly totals shown are estimates based on a sample survey. Estimated quantities for prior quarters have been recalculated.

²Sales 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).

³Data may not add to totals shown because of independent rounding and differences between projected totals by States and by divisions.

⁴Compared with same period of preceding year; all percentages are calculated using unrounded totals.

⁵Includes all 50 States.

 ${\it TABLE~4}$ Construction sand and gravel sold or used by producers in the united states, by ${\it STATE}^1$

				2018				2019			
G. ·			Quantity			Value	Quantity	Percent	Quantity	Percent	
State	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. ²	1st–4th qtr. ²	1st qtr.	change ³	2d qtr.	change ³	
Alabama	(4)	(4)	(4)	(4)	11,700	83,500	(4)	(4)	(4)	(4)	
Alaska	(4)	(4)	(4)	(4)	8,840	80,300	(4)	(4)	(4)	(4)	
Arizona	12,900	14,400	14,500	14,800	56,700	551,000	12,700	-1.7	16,000	10.9	
Arkansas	1,450	1,950	1,840	1,660	6,900	65,100	1,310	-9.2	1,550	-20.4	
California	21,400	30,300	31,800	26,900	110,000	1,380,000	17,600	-17.7	28,400	-6.3	
Colorado	5,900	9,670	9,950	7,620	33,100	284,000	4,640	-21.5	9,040	-6.6	
Connecticut	485	1,140	1,420	1,080	4,130	42,600	242	-50.2	991	-13.1	
Delaware	610	991	928	945	3,470	30,900	718	17.7	962	-2.9	
Florida	5,820	6,430	6,040	5,280	23,600	267,000	5,730	-1.6	5,970	-7.1	
Georgia	1,380	1,410	1,480	1,340	5,610	41,100	1,370	-0.9	1,810	28.2	
Hawaii	(4)	(4)	(4)	(4)	364	8,350	(4)	(4)	(4)	(4)	
Idaho	2,340	7,920	8,110	6,690	25,100	154,000	3,780	61.8	8,470	7.0	
Illinois	1,490	5,560	6,670	4,900	18,600	134,000	1,340	-10.0	5,020	-9.7	
Indiana	2,300	5,040	5,990	5,400	18,700	151,000	3,000	30.6	5,640	11.8	
Iowa	1,170	4,110	5,430	3,310	14,000	118,000	1,150	-1.8	4,350	5.9	
Kansas	1,550	3,130	2,630	2,160	9,470	59,500	1,460	-6.0	7,600	142.8	
-	_										
Kentucky	1,330	2,650	2,940	2,690	9,620	48,100	1,330	-0.1	2,890	8.9	
Louisiana	3,030	3,780	3,310	3,010	13,100	160,000	2,490	-17.7	2,680	-29.1	
Maine	_ 598	2,920	4,050	2,640	10,200	88,900	264	-55.9	2,510	-14.0	
Maryland	986	1,930	2,400	2,680	8,000	107,000	1,560	58.6	2,300	19.5	
Massachusetts	(4)	(4)	(4)	(4)	10,000	96,900	(4)	(4)	(4)	(4)	
Michigan	3,920	14,100	17,200	10,300	45,600	292,000	3,730	-5.0	13,900	-1.4	
Minnesota	1,020	10,900	23,700	13,800	49,400	254,000	1,270	24.2	14,200	29.3	
Mississippi	1,780	3,160	3,410	2,460	10,800	94,400	2,100	18.2	3,410	8.1	
Missouri	1,480	2,440	2,660	2,050	8,640	65,600	1,560	5.0	2,760	12.8	
Montana	737	3,760	4,740	2,830	12,100	102,000	679	-7.8	4,000	6.5	
Nebraska	(4)	(4)	(4)	(4)	13,200	105,000	(4)	(4)	(4)	(4)	
Nevada	2,900	5,900	6,270	4,160	19,200	127,000	3,130	8.0	6,300	6.9	
New Hampshire	920	3,020	4,270	2,870	11,100	97,800	1,120	21.7	3,200	5.7	
New Jersey	1,680	2,920	3,000	2,730	10,300	90,600	1,750	4.2	3,150	8.0	
New Mexico	2,330	2,950	2,840	1,910	10,000	95,300	1,630	-29.8	2,360	-20.0	
New York	3,650	7,750	8,530	7,500	27,400	301,000	4,080	11.5	7,970	2.8	
North Carolina	1,930	2,820	2,880	2,400	10,000	69,200	2,400	24.5	2,970	5.5	
North Dakota	426	4,360	6,610	3,000	14,400	106,000	309	-27.5	2,380	-45.4	
Ohio	3,340	9,020	10,200	8,440	31,000	269,000	3,530	6.0	8,990	-0.3	
Oklahoma	2,190	2,640	2,440	2,260	9,540	83,900	2,240	2.3	2,960	12.0	
	3,140	4,100	5,270	4,100	16,600	158,000	2,930	-6.7	4,540	10.9	
Oregon Pennsylvania	1,070									4.8	
-		2,320	2,750	2,370	8,510	95,900	1,230	14.7	2,430		
Rhode Island	(4)	(4)	(4)	(4)	2,180	29,100	(4)	(4)	(4)	(4)	
South Carolina	1,770	2,750	2,830	2,430	9,780	59,500	2,410	35.9	2,850	3.7	
South Dakota	_ 580	2,590	4,360	1,950	9,480	49,200	392	-32.3	2,970	14.6	
Tennessee	1,210	2,450	2,460	1,850	7,970	65,200	1,550	28.4	2,250	-7.9	
Texas	23,100	26,400	25,100	24,500	99,100	1,000,000	26,000	12.7	28,400	7.5	
Utah	4,260	8,340	8,020	5,970	26,600	211,000	3,830	-10.1	7,650	-8.2	
Vermont	185	1,110	1,890	774	3,960	30,600	190	2.6	1,110	0.1	
Virginia	1,440	2,090	1,840	1,800	7,170	86,100	1,690	17.6	2,100	0.6	
Washington	8,250	13,400	14,500	13,000	49,200	419,000	8,150	-1.1	13,400	0.1	
West Virginia	(4)	(4)	(4)	(4)	1,020	9,140	(4)	(4)	(4)	(4)	
Wisconsin	(4)	(4)	(4)	(4)	27,600	198,000	(4)	(4)	(4)	(4)	
Wyoming	1,130	2,660	3,530	2,040	9,350	92,200	1,140	1.2	3,010	13.2	
1	-,	-,500	-,0	_,,,	- ,000	,=00	-,		-,	10.2	

Quarterly totals shown are estimates based on a sample survey. Estimated quantities for prior quarters have been recalculated.

²Data may not add to totals shown because of independent rounding and differences between projected totals by States and divisions.

³Compared with the same period of preceding year; all percentages are calculated using unrounded totals.

⁴State not included in quarterly survey.

 ${\it TABLE 5}$ AGGREGATES SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION 1,2

			2019						
		Quantity			Value	Quantity	Percent	Quantity	Percent
1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr.3	1st-4th qtr.3	1st qtr.	change ⁴	2d qtr.	change4
4,810	20,700	25,800	17,800	81,400	908,000	4,380	-8.9	19,700	-5.2
24,000	56,300	61,700	55,300	197,000	2,470,000	27,400	14.3	57,800	2.8
38,800	91,500	106,000	85,400	349,000	3,070,000	39,700	2.2	90,600	-1.0
24,500	66,400	87,200	55,300	247,000	2,040,000	24,700	0.9	78,400	18.1
77,300	107,000	108,000	97,900	391,000	5,470,000	94,600	22.4	118,000	10.6
28,500	46,500	48,600	44,400	180,000	1,980,000	35,600	24.7	49,400	6.4
84,900	100,000	92,700	89,900	368,000	3,890,000	91,800	8.0	100,000	-0.2
46,300	72,600	76,200	60,100	264,000	2,240,000	46,100	-0.4	76,400	5.2
51,100	74,200	77,700	66,000	269,000	2,960,000	43,300	-15.3	69,300	-6.7
411,000	659,000	695,000	597,000	2,360,000	25,300,000	448,000	8.9	680,000	3.1
	4,810 24,000 38,800 24,500 77,300 28,500 84,900 46,300 51,100	4,810 20,700 24,000 56,300 38,800 91,500 24,500 66,400 77,300 107,000 28,500 46,500 84,900 100,000 46,300 72,600 51,100 74,200	1st qtr. 2d qtr. 3d qtr. 4,810 20,700 25,800 24,000 56,300 61,700 38,800 91,500 106,000 24,500 66,400 87,200 77,300 107,000 108,000 28,500 46,500 48,600 84,900 100,000 92,700 46,300 72,600 76,200 51,100 74,200 77,700	1st qtr. 2d qtr. 3d qtr. 4th qtr. 4,810 20,700 25,800 17,800 24,000 56,300 61,700 55,300 38,800 91,500 106,000 85,400 24,500 66,400 87,200 55,300 77,300 107,000 108,000 97,900 28,500 46,500 48,600 44,400 84,900 100,000 92,700 89,900 46,300 72,600 76,200 60,100 51,100 74,200 77,700 66,000	Quantity 1st qtr. 2d qtr. 3d qtr. 4th qtr. 1st-4th qtr.³ 4,810 20,700 25,800 17,800 81,400 24,000 56,300 61,700 55,300 197,000 38,800 91,500 106,000 85,400 349,000 24,500 66,400 87,200 55,300 247,000 77,300 107,000 108,000 97,900 391,000 28,500 46,500 48,600 44,400 180,000 84,900 100,000 92,700 89,900 368,000 46,300 72,600 76,200 60,100 264,000 51,100 74,200 77,700 66,000 269,000	Quantity Value 1st qtr. 2d qtr. 3d qtr. 4th qtr. 1st-4th qtr. ³ Value 4,810 20,700 25,800 17,800 81,400 908,000 24,000 56,300 61,700 55,300 197,000 2,470,000 38,800 91,500 106,000 85,400 349,000 3,070,000 24,500 66,400 87,200 55,300 247,000 2,040,000 77,300 107,000 108,000 97,900 391,000 5,470,000 28,500 46,500 48,600 44,400 180,000 1,980,000 84,900 100,000 92,700 89,900 368,000 3,890,000 46,300 72,600 76,200 60,100 264,000 2,240,000 51,100 74,200 77,700 66,000 269,000 2,960,000	Quantity Value Quantity 1st qtr. 2d qtr. 3d qtr. 4th qtr. 1st-4th qtr. ³ 1st-4th qtr. ³ 1st qtr. 4,810 20,700 25,800 17,800 81,400 908,000 4,380 24,000 56,300 61,700 55,300 197,000 2,470,000 27,400 38,800 91,500 106,000 85,400 349,000 3,070,000 39,700 24,500 66,400 87,200 55,300 247,000 2,040,000 24,700 77,300 107,000 108,000 97,900 391,000 5,470,000 94,600 28,500 46,500 48,600 44,400 180,000 1,980,000 35,600 84,900 100,000 92,700 89,900 368,000 3,890,000 91,800 46,300 72,600 76,200 60,100 264,000 2,240,000 46,100 51,100 74,200 77,700 66,000 269,000 2,960,000 43,30	Quantity Value Quantity Percent change ⁴ 1st qtr. 2d qtr. 3d qtr. 4th qtr. 1st-4th qtr. ³ 1st-4th qtr. ³ 1st qtr. change ⁴ 4,810 20,700 25,800 17,800 81,400 908,000 4,380 -8.9 24,000 56,300 61,700 55,300 197,000 2,470,000 27,400 14.3 38,800 91,500 106,000 85,400 349,000 3,070,000 39,700 2.2 24,500 66,400 87,200 55,300 247,000 2,040,000 24,700 0.9 77,300 107,000 108,000 97,900 391,000 5,470,000 94,600 22.4 28,500 46,500 48,600 44,400 180,000 1,980,000 35,600 24.7 84,900 100,000 92,700 89,900 368,000 3,890,000 91,800 8.0 46,300 72,600 76,200 60,100 264,000 2,240,000	Quantity Value Quantity Percent change ⁴ Quantity 1st qtr. 2d qtr. 3d qtr. 4th qtr. 1st-4th qtr. ³ 1st qtr. 1st qtr. change ⁴ 2d qtr. 4,810 20,700 25,800 17,800 81,400 908,000 4,380 -8.9 19,700 24,000 56,300 61,700 55,300 197,000 2,470,000 27,400 14.3 57,800 38,800 91,500 106,000 85,400 349,000 3,070,000 39,700 2.2 90,600 24,500 66,400 87,200 55,300 247,000 2,040,000 24,700 0.9 78,400 77,300 107,000 108,000 97,900 391,000 5,470,000 94,600 22.4 118,000 28,500 46,500 48,600 44,400 180,000 1,980,000 35,600 24.7 49,400 84,900 100,000 92,700 89,900 368,000 3,890,000 91,800

¹Quarterly totals shown are estimates based on a sample survey. Estimated quantities for prior quarters have been recalculated.

²Sales 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).

³Data may not add to totals shown because of independent rounding and differences between projected totals by States and by divisions.

⁴Compared with same period of preceding year; all percentages are calculated using unrounded totals.

⁵Includes all 50 States.

 ${\it TABLE~6}$ AGGREGATES SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE 1

				2018		2019					
g.			Quantity				Quantity	Percent	Quantity	Percent	
State	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. ²	1st–4th qtr. ²	1st qtr.	change ³	2d qtr.	change ³	
Alabama	(4)	(4)	(4)	(4)	50,800	546,000	(4)	(4)	(4)	(4)	
Alaska	(4)	(4)	(4)	(4)	9,670	98,400	(4)	(4)	(4)	(4)	
Arizona	16,600	17,800	18,400	19,000	71,700	706,000	15,600	-5.5	20,000	12.5	
Arkansas	7,210	9,310	8,910	8,190	33,600	315,000	7,020	-2.6	8,290	-10.9	
California	30,100	43,500	43,100	36,400	153,000	1,780,000	23,700	-21.2	38,200	-12.2	
Colorado	8,600	13,600	14,000	10,800	47,000	426,000	7,360	-14.5	13,500	-1.4	
Connecticut	1,260	3,910	4,750	3,810	13,700	202,000	998	-20.6	3,870	-1.1	
Delaware	W	W	W	W	W	W	W	W	W	W	
Florida	25,300	26,800	25,600	24,200	102,000	1,320,000	26,400	4.1	29,200	8.9	
Georgia	12,300	16,200	17,300	14,300	60,100	879,000	15,000	21.7	18,600	14.4	
Hawaii	(4)	(4)	(4)	(4)	6,190	140,000	(4)	(4)	(4)	(4)	
Idaho	(4)	(4)	(4)	(4)	30,300	193,000	(4)	(4)	(4)	(4)	
Illinois	6,210	19,600	25,100	20,900	71,800	739,000	6,590	6.0	18,600	-5.1	
Indiana	8,820	18,400	20,600	19,300	67,100	575,000	9,910	12.3	19,000	3.5	
Iowa	4,920	15,600	18,300	12,400	51,300	541,000	5,230	6.3	18,000	15.4	
Kansas	_	7,700				193,000		-7.1		58.2	
-	4,230		5,980	5,340	23,200		3,930		12,200		
Kentucky	_ 7,790	15,600	17,400	16,900	57,700	532,000	9,600	23.2	16,300	4.9	
Louisiana	_ W	W	W	W	W	W	W	W	W	W	
Maine	838	4,140	5,530	3,590	14,100	122,000	466	-44.4	3,780	-8.7	
Maryland	2,760	9,130	10,800	10,600	33,300	420,000	7,060	156.2	11,600	27.3	
Massachusetts	(4)	(4)	(4)	(4)	24,300	297,000	(4)	(4)	(4)	(4)	
Michigan	6,550	21,300	25,800	16,000	69,600	474,000	6,160	-5.9	20,900	-1.9	
Minnesota	1,160	13,200	27,600	15,600	57,600	363,000	1,440	24.0	16,900	28.1	
Mississippi	2,150	3,810	3,990	2,970	12,900	161,000	2,550	18.8	4,020	5.3	
Missouri	11,500	19,100	19,700	14,300	64,600	533,000	11,700	1.5	21,400	12.2	
Montana	(4)	(4)	(4)	(4)	15,200	133,000	(4)	(4)	(4)	(4)	
Nebraska	(4)	(4)	(4)	(4)	20,700	206,000	(4)	(4)	(4)	(4)	
Nevada	5,350	8,720	9,170	5,710	28,900	215,000	7,210	35.0	10,500	20.5	
New Hampshire	1,290	4,690	6,380	4,440	16,800	157,000	1,640	26.5	5,090	8.5	
New Jersey	4,150	8,140	8,600	7,580	28,500	248,000	4,350	4.7	8,050	-1.1	
New Mexico	3,680	4,170	4,190	3,070	15,100	145,000	2,670	-27.3	3,580	-14.3	
New York	7,730	19,800	22,700	19,900	70,200	856,000	8,790	13.7	19,800	-0.2	
North Carolina	13,700	20,400	19,300	16,800	70,200	1,130,000	17,200	25.4	21,500	5.4	
North Dakota	(4)	(4)	(4)	(4)	15,200	114,000	(4)	(4)	(4)	(4)	
Ohio	10,500	25,800	29,500	25,300	91,200	896,000	11,600	10.9	25,800	-0.3	
Oklahoma	10,400	12,500	11,700	12,200	46,800	443,000	11,300	8.8	13,400	7.1	
Oregon	7,620	10,200	12,300	9,760	39,900	338,000	7,080	-7.1	10,800	5.8	
Pennsylvania	12,100	28,300	30,400	27,800	98,600	1,360,000	14,300	18.0	30,000	6.0	
Rhode Island	(4)	(4)	(4)	(4)	4,640	57,100	(4)	(4)	(4)	(4)	
South Carolina	7,990	10,900	10,600	9,070	38,500	427,000	9,730	21.7	11,000	1.4	
South Dakota	882	4,300	6,730	2,950	14,900	91,900	588	-33.3	4,500	4.7	
Tennessee	10,300	16,600	16,600	14,700	58,200	740,000	12,600	22.3	16,600	-0.4	
Texas	63,700	74,000	68,000	65,800	271,000	2,900,000	70,300	10.5	75,000	1.4	
Utah	6,020	11,300	10,900	7,930	36,100	285,000	5,480	-8.9	10,500	-7.0	
Vermont	318	2,310	3,650	1,540	7,810	72,800	319	0.1	2,320	0.2	
Virginia	11,200	17,100	16,200	15,200	59,700	975,000	13,600	21.9	18,500	8.1	
Washington	13,300	20,600	22,300	19,800	75,900	839,000	12,400	-6.5	20,300	-1.1	
West Virginia	(4)	(4)	(4)	(4)	22,900	269,000	(4)	(4)	(4)	(4)	
Wisconsin	(4)	(4)	(4)	(4)	49,800	389,000	(4)	(4)	(4)	(4)	
Wyoming	2,980	5,380	6,770	4,040	19,200	140,000	3,220	8.0	5,960	10.8	
,, joining	2,700	2,200	0,770	7,070	17,200	170,000	3,220	0.0	3,700	10.0	

W Withheld to avoid disclosing company proprietary data.

¹Quarterly totals shown are estimates based on a sample survey. Estimated quantities for prior quarters have been recalculated.

²Data may not add to totals shown because of independent rounding and differences between projected totals by States and divisions.

³Compared with the same period of preceding year; all percentages are calculated using unrounded totals.

⁴State not included in quarterly survey.