

Mineral Industry Surveys

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CRUSHED STONE AND SAND AND GRAVEL IN THE THIRD QUARTER 2018

An estimated 405 million metric tons (Mt) of *crushed stone* was produced and shipped for consumption in the United States in the third quarter of 2018, an increase of 4% compared with that of the third quarter of 2017. The estimated production for consumption in the first 9 months of 2018 was 1.05 billion metric tons (Gt), an increase of 3% compared with that of the same period of 2017.

The estimated U.S. output of *construction sand and gravel* produced and shipped for consumption in the third quarter of 2018 was 289 Mt, an increase of 8% compared with that of the third quarter of 2017. The estimated production for consumption in the first 9 months of 2018 was 720 Mt, an increase of 7% compared with that of the same period of 2017.

An estimated 694 Mt of total *construction aggregates* was produced and shipped for consumption in the United States in the third quarter of 2018, an increase of 5% compared with that of the third quarter of 2017. The estimated production for consumption in the first 9 months of 2018 was 1.77 Gt, an increase of 5% compared with that of the same period of 2017.

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 by 4% in the third quarter of 2018 compared with that of the third quarter of 2017. Consumption in the first 9 months of 2017 increased by 3% compared with that of the same period of 2017. 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 change in sales is almost never an indicator of a change in demand in the State as a whole. Typically, large changes 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.

The estimated production for consumption of *crushed stone* in the third quarter of 2018 increased in six of the nine geographic divisions compared with that sold or used in the third quarter of 2017. The five leading States were, in descending order of production for consumption, Texas, Pennsylvania, Florida, Ohio, and Illinois. Their combined total production for consumption in the first 9 months of 2018 was 337 Mt, an increase of 4% compared with that of the same period of 2017 and represented 32% of the U.S. total.

The estimated production for consumption of *construction sand and gravel* in the third quarter of 2018 increased in all nine geographic divisions compared with that sold or used in the third quarter of 2017. The five leading States were, in descending order of production for consumption, California, Texas, Minnesota, Michigan, and Arizona. Their combined total production for consumption in the first 9 months of 2018 was 269 Mt, an increase of 14% compared with that of the same period of 2017 and represented 37% of the U.S. total.

The estimated production for consumption of *construction aggregates* in the third quarter of 2018 increased in all nine geographic divisions compared with that sold or used in the third quarter of 2017. The five leading States were, in descending order of production-for-consumption, Texas, California, Pennsylvania, Ohio, and Minnesota. Their combined total production for consumption in the first 9 months of 2018 was 497 Mt, an increase of 6% compared with that of the same period of 2017.

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TABLE 1
CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION¹

(Thousand metric tons and thousand dollars)

Region/Division ²	2017						2018					
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. ³	Value 1st-4th qtr. ³	Quantity 1st qtr.	Percent change ⁴	Quantity 2d qtr.	Percent change ⁴	Quantity 3d qtr.	Percent change ⁴
Northeast:												
New England	2,580	11,400	14,800	10,100	39,000	495,000	2,620	1.8	12,500	9.3	14,200	-4.6
Middle Atlantic	18,800	41,400	44,900	35,900	141,000	1,790,000	17,600	-6.4	43,300	4.6	47,400	5.3
Midwest:												
East North Central	28,500	55,500	64,800	52,100	201,000	1,890,000	27,800	-2.5	57,700	4.0	66,100	2.0
West North Central	23,800	39,900	42,100	32,300	139,000	1,330,000	18,600	-21.7	38,700	-3.0	41,500	-1.4
South:												
South Atlantic	68,900	81,800	83,300	77,600	310,000	4,510,000	66,000	-4.1	89,100	9.0	88,600	6.0
East South Central	25,800	34,500	37,700	34,800	133,000	1,560,000	24,900	-3.3	38,300	11.0	39,400	4.3
West South Central	55,400	61,200	59,900	56,100	233,000	2,430,000	55,200	-0.4	65,500	7.1	60,000	0.2
West:												
Mountain	13,200	16,200	19,100	14,400	71,100	605,000	14,200	7.6	17,300	6.8	18,600	-2.7
Pacific	14,000	21,200	24,800	22,000	82,100	827,000	17,900	28.0	25,800	21.7	25,400	2.3
U.S. total ⁵	258,000	366,000	391,000	341,000	1,350,000	15,600,000	252,000	-2.2	393,000	7.4	405,000	3.5

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.

TABLE 2
CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE¹

(Thousand metric tons and thousand dollars)

State	2017						2018					
	Quantity					Value	Quantity	Percent	Quantity	Percent	Quantity	Percent
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. ²	1st-4th qtr. ²	1st qtr.	change ³	2d qtr.	change ³	3d qtr.	change ³
Alabama	8,140	8,910	9,640	9,210	35,900	412,000	8,330	2.3	10,400	16.9	10,800	11.9
Alaska	(4)	(4)	(4)	(4)	823	17,300	(4)	(4)	(4)	(4)	(4)	(4)
Arizona	2,500	2,790	3,080	2,680	11,000	110,000	3,930	57.4	3,690	32.3	4,270	38.9
Arkansas	6,560	7,840	8,100	7,720	30,200	274,000	5,760	-12.2	7,360	-6.1	7,070	-12.7
California	7,620	11,600	12,000	10,900	42,100	386,000	8,360	9.7	12,500	7.8	10,700	-10.4
Colorado	2,870	4,380	5,050	3,920	16,200	160,000	2,700	-5.8	3,980	-9.0	4,060	-19.6
Connecticut	696	2,900	3,690	2,620	9,910	159,000	772	10.8	2,770	-4.6	3,330	-9.8
Delaware	W	W	W	W	W	W	W	W	W	W	W	W
Florida	18,800	19,900	19,000	19,700	75,800	993,000	20,000	6.4	20,900	4.6	20,100	5.4
Georgia	12,600	13,200	14,000	12,800	52,700	786,000	11,100	-11.6	14,900	12.6	15,600	11.0
Hawaii	(4)	(4)	(4)	(4)	5,710	125,000	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	(4)	(4)	(4)	(4)	5,120	36,800	(4)	(4)	(4)	(4)	(4)	(4)
Illinois	5,350	13,600	17,500	12,500	49,000	542,000	4,730	-11.6	14,100	3.0	18,400	5.3
Indiana	5,630	13,200	13,700	12,700	45,200	385,000	6,530	15.9	13,300	1.2	14,600	6.4
Iowa	4,580	11,600	12,000	9,340	37,500	414,000	3,750	-18.2	11,500	-0.4	12,900	7.4
Kansas	2,840	4,480	4,560	3,530	15,400	145,000	2,680	-5.9	4,570	2.1	3,350	-26.6
Kentucky	7,960	12,900	14,300	12,500	47,600	465,000	7,100	-10.8	13,100	1.3	13,900	-2.2
Louisiana	W	W	W	W	W	W	W	W	W	W	W	W
Maine	259	1,120	1,490	1,060	3,930	32,400	240	-7.2	1,220	8.5	1,490	-0.2
Maryland	3,700	7,020	7,290	6,390	24,400	293,000	3,610	-2.3	7,350	4.7	7,480	2.5
Massachusetts	835	3,820	4,490	3,680	12,800	175,000	862	3.3	4,830	26.5	4,710	4.8
Michigan	2,420	7,470	8,570	6,660	25,100	185,000	2,620	8.2	7,140	-4.5	8,620	0.6
Minnesota	228	2,460	2,950	1,450	7,090	91,900	138	-39.6	2,250	-8.7	3,920	32.8
Mississippi	424	555	580	514	2,070	63,000	371	-12.6	660	18.8	593	2.3
Missouri	14,000	16,900	17,900	14,900	63,700	517,000	10,400	-26.1	16,500	-2.2	16,800	-6.5
Montana	(4)	(4)	(4)	(4)	3,070	29,100	(4)	(4)	(4)	(4)	(4)	(4)
Nebraska	1,610	2,040	2,120	1,950	7,710	102,000	1,390	-13.8	2,080	1.9	2,240	5.8
Nevada	3,310	2,640	3,960	2,460	12,400	108,000	2,600	-21.6	2,810	6.7	2,880	-27.2
New Hampshire	370	1,310	1,890	1,270	4,840	48,700	375	1.3	1,670	27.2	2,110	11.5
New Jersey	2,450	4,600	5,800	5,150	18,000	152,000	2,470	0.9	5,220	13.5	5,590	-3.5
New Mexico	1,380	1,290	1,360	1,190	5,220	49,600	1,360	-2.0	1,220	-5.3	1,350	-1.0
New York	3,740	11,500	12,600	9,750	37,500	473,000	4,080	9.0	12,100	5.5	14,200	12.9
North Carolina	12,600	15,400	16,300	14,000	58,200	1,000,000	11,800	-6.7	17,600	14.2	16,500	1.1
North Dakota	(4)	(4)	(4)	(4)	799	7,740	(4)	(4)	(4)	(4)	(4)	(4)
Ohio	7,400	15,200	18,100	15,300	56,000	567,000	7,160	-3.4	16,800	11.0	19,300	6.6
Oklahoma	8,220	9,300	9,460	8,210	35,200	329,000	8,210	-0.1	9,890	6.3	9,290	-1.8
Oregon	3,520	5,510	6,930	5,810	21,800	164,000	4,490	27.7	6,110	10.9	7,010	1.1
Pennsylvania	12,600	25,300	26,500	21,000	85,500	1,170,000	11,000	-12.4	26,000	2.5	27,700	4.2
Rhode Island	265	704	906	523	2,400	26,600	241	-8.9	827	17.4	798	-11.9
South Carolina	7,210	7,450	7,130	6,940	28,700	357,000	6,370	-11.6	8,120	9.0	7,680	7.6
South Dakota	483	2,410	2,530	1,190	6,610	50,900	302	-37.6	1,710	-28.9	2,360	-6.5
Tennessee	9,230	12,100	13,300	12,600	47,200	616,000	9,120	-1.3	14,200	16.7	14,100	6.5
Texas	39,800	43,300	41,700	39,400	164,000	1,750,000	40,600	2.0	47,600	9.9	42,900	3.0
Utah	1,560	2,280	3,020	1,870	8,720	66,500	1,760	12.9	2,890	27.2	2,810	-6.9
Vermont	153	1,590	2,370	939	5,050	53,700	134	-12.4	1,200	-24.6	1,750	-26.1
Virginia	11,200	14,700	14,700	13,400	54,000	888,000	9,720	-13.4	15,000	2.4	14,300	-2.7
Washington	2,880	4,100	5,920	5,290	18,200	277,000	5,100	76.7	7,180	75.2	7,690	29.9
West Virginia	2,670	4,010	4,680	4,110	15,500	178,000	3,370	26.3	5,170	28.9	6,830	46.0
Wisconsin	7,680	6,090	6,890	4,900	25,600	214,000	6,750	-12.1	6,410	5.1	5,180	-24.8
Wyoming	1,580	2,860	2,660	2,280	9,380	44,600	1,860	17.1	2,720	-4.9	3,250	21.9

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.

TABLE 3
CONSTRUCTION SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION¹

(Thousand metric tons and thousand dollars)

Region/Division ²	2017						2018					
	Quantity					Value	Quantity	Percent change ⁴	Quantity	Percent change ⁴	Quantity	Percent change ⁴
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. ³	1st-4th qtr. ³	1st qtr.		2d qtr.		3d qtr.	
Northeast:												
New England	2,520	10,100	12,100	12,700	39,600	357,000	3,020	19.7	10,400	3.1	14,100	14.3
Middle Atlantic	7,120	14,100	14,000	11,500	46,700	474,000	6,320	-11.2	13,000	-7.6	14,300	2.2
Midwest:												
East North Central	11,400	31,200	37,300	28,400	135,000	968,000	11,000	-3.5	33,700	8.2	40,100	6.9
West North Central	9,640	34,000	46,500	28,700	119,000	738,000	8,770	-9.1	31,100	-8.6	48,900	4.9
South:												
South Atlantic	14,000	16,300	16,100	15,800	63,100	599,000	14,700	4.3	18,500	13.6	18,100	11.0
East South Central	4,870	7,160	8,100	6,700	38,300	272,000	4,380	-10.0	8,200	14.5	9,040	10.4
West South Central	28,500	30,400	28,500	29,200	117,000	1,160,000	29,800	4.6	34,800	14.5	32,800	13.3
West:												
Mountain	28,300	50,800	54,000	44,700	178,000	1,440,000	32,800	15.9	55,900	10.0	58,300	7.4
Pacific	25,400	43,200	46,100	42,100	157,000	1,700,000	32,600	28.5	46,800	8.5	50,300	8.3
U.S. total ⁵	153,000	250,000	269,000	230,000	902,000	7,790,000	164,000	7.3	266,000	6.5	289,000	7.5

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.

TABLE 4
CONSTRUCTION SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE¹

(Thousand metric tons and thousand dollars)

State	2017						2018					
	Quantity					Value	Quantity	Percent	Quantity	Percent	Quantity	Percent
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. ²	1st-4th qtr. ²	1st qtr.	change ³	2d qtr.	change ³	3d qtr.	change ³
Alabama	(4)	(4)	(4)	(4)	11,500	79,400	(4)	(4)	(4)	(4)	(4)	(4)
Alaska	(4)	(4)	(4)	(4)	8,660	76,400	(4)	(4)	(4)	(4)	(4)	(4)
Arizona	8,970	11,400	10,400	11,500	42,300	400,000	12,300	37.6	14,700	28.5	15,200	45.4
Arkansas	1,700	1,940	2,030	2,020	7,680	70,400	1,450	-15.2	1,950	0.9	1,840	-8.9
California	16,600	28,400	29,300	27,300	102,000	1,230,000	21,300	28.0	29,300	3.1	31,100	6.1
Colorado	5,550	10,100	11,400	9,010	36,100	301,000	5,960	7.3	9,770	-3.0	9,930	-13.2
Connecticut	316	1,370	1,720	1,510	4,920	49,200	469	48.6	1,150	-16.6	1,420	-17.1
Delaware	616	671	685	719	2,690	23,200	610	-1.1	991	47.7	928	35.6
Florida	4,910	5,290	4,870	5,100	20,000	221,000	5,860	19.3	6,490	22.7	6,090	25.0
Georgia	1,500	1,660	1,510	1,670	6,340	45,100	1,360	-9.3	1,500	-9.4	1,470	-2.9
Hawaii	(4)	(4)	(4)	(4)	357	7,950	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	2,030	7,190	6,150	5,950	21,300	127,000	2,350	16.1	7,970	11.0	8,170	32.8
Illinois	2,010	5,250	6,390	4,690	18,300	128,000	1,500	-25.4	5,530	5.3	6,660	4.2
Indiana	2,410	4,940	5,340	4,660	17,400	136,000	2,300	-4.6	5,040	2.0	5,990	12.2
Iowa	1,390	4,590	5,020	3,640	14,600	119,000	1,170	-15.7	4,110	-10.4	5,430	8.2
Kansas	1,550	2,540	2,660	2,040	8,790	53,600	1,520	-2.3	3,130	23.3	2,670	0.6
Kentucky	1,460	2,300	2,510	2,270	8,530	41,500	1,390	-5.1	2,670	16.0	2,900	15.9
Louisiana	3,460	3,630	3,950	3,960	15,000	178,000	3,120	-9.9	3,880	7.1	3,410	-13.6
Maine	476	2,720	2,550	2,830	8,580	72,700	595	25.0	2,890	6.2	4,060	59.4
Maryland	1,320	2,040	2,250	2,040	7,650	99,200	1,270	-4.2	1,940	-4.8	2,260	0.5
Massachusetts	835	1,850	2,380	4,760	9,830	92,300	845	1.2	2,240	20.7	2,460	3.4
Michigan	3,520	12,900	15,600	11,300	43,300	269,000	3,900	10.8	14,200	9.9	17,200	10.4
Minnesota	1,090	14,100	21,100	9,970	46,200	231,000	1,020	-6.3	11,000	-22.0	23,700	12.1
Mississippi	2,040	2,870	3,360	2,590	10,900	92,200	1,780	-13.0	3,230	12.5	3,720	10.6
Missouri	2,000	2,400	2,650	2,100	9,140	67,300	2,070	3.6	2,220	-7.5	2,040	-23.0
Montana	927	3,570	3,860	2,490	10,800	89,400	737	-20.5	3,760	5.4	4,740	22.8
Nebraska	2,130	3,490	3,880	3,500	13,000	99,600	1,980	-7.0	3,680	5.6	4,090	5.3
Nevada	3,350	5,100	7,360	4,710	20,500	131,000	3,520	4.9	5,870	15.0	6,160	-16.3
New Hampshire	691	2,560	3,420	2,550	9,220	79,000	922	33.3	3,020	18.0	4,270	25.0
New Jersey	1,990	3,550	3,560	3,000	12,100	103,000	1,650	-17.3	2,930	-17.5	3,020	-15.1
New Mexico	2,500	3,100	2,790	2,700	11,100	102,000	2,330	-6.7	2,940	-5.1	2,840	2.0
New York	3,810	8,220	7,890	6,650	26,600	283,000	3,600	-5.6	7,750	-5.8	8,560	8.5
North Carolina	1,880	2,360	2,260	2,130	8,630	57,800	1,930	2.3	2,810	19.2	2,890	27.7
North Dakota	477	3,010	6,360	5,130	15,000	107,000	426	-10.8	4,370	45.2	6,610	4.1
Ohio	3,490	8,110	10,000	7,800	29,400	247,000	3,340	-4.4	9,020	11.2	10,200	2.2
Oklahoma	2,320	2,540	2,430	2,300	9,580	81,800	2,190	-5.8	2,640	4.1	2,440	0.7
Oregon	2,610	4,160	5,080	4,310	16,200	149,000	3,150	20.4	4,090	-1.6	5,250	3.5
Pennsylvania	1,310	2,290	2,560	1,890	8,060	88,100	1,070	-18.4	2,320	1.2	2,750	7.4
Rhode Island	(4)	(4)	(4)	(4)	2,140	27,700	(4)	(4)	(4)	(4)	(4)	(4)
South Carolina	2,110	2,220	2,340	2,230	8,900	52,600	2,200	4.0	2,720	23.0	2,580	10.2
South Dakota	1,000	3,890	4,820	2,310	12,000	60,700	579	-42.3	2,590	-33.4	4,360	-9.6
Tennessee	1,360	1,990	2,230	1,840	7,410	58,900	1,210	-10.9	2,300	15.8	2,410	8.2
Texas	21,000	22,300	20,100	20,900	84,300	828,000	23,100	9.8	26,300	18.0	25,100	25.3
Utah	3,980	7,740	8,540	6,220	26,500	204,000	4,490	12.7	8,220	6.2	7,820	-8.4
Vermont	202	1,580	2,040	1,060	4,880	36,700	186	-7.8	1,110	-29.8	1,900	-7.0
Virginia	1,700	2,100	2,150	1,900	7,840	91,500	1,430	-16.0	2,090	-0.3	1,850	-14.1
Washington	6,150	10,600	11,800	10,500	39,000	322,000	8,190	33.3	13,400	26.9	14,000	18.8
West Virginia	(4)	(4)	(4)	(4)	995	8,700	(4)	(4)	(4)	(4)	(4)	(4)
Wisconsin	(4)	(4)	(4)	(4)	27,100	189,000	(4)	(4)	(4)	(4)	(4)	(4)
Wyoming	1,050	2,580	3,460	2,060	9,140	87,500	1,130	7.9	2,660	3.0	3,530	2.0

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.

TABLE 5
CONSTRUCTION AGGREGATES SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION¹

(Thousand metric tons and thousand dollars)

Region/Division ²	2017						2018					
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. ³	Value 1st-4th qtr. ³	Quantity 1st qtr.	Percent change ⁴	Quantity 2d qtr.	Percent change ⁴	Quantity 3d qtr.	Percent change ⁴
Northeast:												
New England	5,100	21,500	26,900	22,800	78,500	853,000	5,640	10.7	22,900	6.4	28,300	4.8
Middle Atlantic	25,900	55,400	58,900	47,500	188,000	2,270,000	23,900	-7.7	56,300	1.5	61,800	4.6
Midwest:												
East North Central	39,900	86,700	102,000	80,500	336,000	2,860,000	38,800	-2.8	91,500	5.5	106,000	3.8
West North Central	33,400	73,800	88,600	61,000	258,000	2,070,000	27,400	-18.0	69,700	-5.6	90,400	2.0
South:												
South Atlantic	82,900	98,100	99,400	93,400	373,000	5,100,000	80,700	-2.7	108,000	9.8	107,000	6.8
East South Central	30,600	41,700	45,800	41,500	171,000	1,830,000	29,300	-4.3	46,500	11.6	48,500	5.5
West South Central	83,900	91,600	88,300	85,200	349,000	3,590,000	85,000	1.3	100,000	9.6	92,800	4.8
West:												
Mountain	41,600	67,000	73,100	59,100	249,000	2,050,000	47,100	13.2	73,200	9.2	77,000	5.0
Pacific	39,400	64,400	71,000	64,100	239,000	2,530,000	50,500	28.3	72,600	12.8	75,800	6.3
U.S. total ⁵	411,000	616,000	660,000	572,000	2,260,000	23,400,000	416,000	1.3	660,000	7.0	694,000	5.2

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.

TABLE 6
CONSTRUCTION AGGREGATES SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE¹

(Thousand metric tons and thousand dollars)

State	2017						2018					
	Quantity					Value	Quantity	Percent	Quantity	Percent	Quantity	Percent
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. ²	1st-4th qtr. ²	1st qtr.	change ³	2d qtr.	change ³	3d qtr.	change ³
Alabama	(4)	(4)	(4)	(4)	47,400	491,000	(4)	(4)	(4)	(4)	(4)	(4)
Alaska	(4)	(4)	(4)	(4)	9,490	93,700	(4)	(4)	(4)	(4)	(4)	(4)
Arizona	11,500	14,200	13,500	14,200	53,400	510,000	16,300	41.9	18,400	29.2	19,400	43.9
Arkansas	8,270	9,770	10,100	9,740	37,900	345,000	7,210	-12.8	9,310	-4.7	8,910	-11.9
California	24,200	40,000	41,300	38,200	144,000	1,620,000	29,600	22.2	41,800	4.4	41,800	1.3
Colorado	8,420	14,400	16,500	12,900	52,300	461,000	8,660	2.8	13,800	-4.8	14,000	-15.2
Connecticut	1,010	4,280	5,400	4,130	14,800	209,000	1,240	22.6	3,920	-8.5	4,750	-12.1
Delaware	W	W	W	W	W	W	W	W	W	W	W	W
Florida	23,700	25,200	23,900	24,800	95,800	1,210,000	25,900	9.1	27,300	8.4	26,200	9.4
Georgia	14,100	14,900	15,600	14,500	59,000	831,000	12,500	-11.4	16,400	10.2	17,100	9.6
Hawaii	(4)	(4)	(4)	(4)	6,060	133,000	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	(4)	(4)	(4)	(4)	26,400	164,000	(4)	(4)	(4)	(4)	(4)	(4)
Illinois	7,350	18,900	23,900	17,200	67,400	670,000	6,220	-15.4	19,600	3.7	25,100	5.0
Indiana	8,040	18,100	19,000	17,300	62,500	521,000	8,820	9.7	18,400	1.4	20,600	8.0
Iowa	5,970	16,200	17,000	13,000	52,100	533,000	4,920	-17.6	15,600	-3.3	18,300	7.6
Kansas	4,400	7,010	7,220	5,570	24,200	199,000	4,190	-4.6	7,700	9.8	6,020	-16.6
Kentucky	9,430	15,200	16,800	14,800	56,200	507,000	8,490	-9.9	15,800	3.5	16,800	0.5
Louisiana	W	W	W	W	W	W	W	W	W	W	W	W
Maine	735	3,840	4,040	3,900	12,500	105,000	835	13.6	4,110	6.9	5,550	37.4
Maryland	5,020	9,070	9,540	8,430	32,100	392,000	4,880	-2.8	9,300	2.6	9,740	2.1
Massachusetts	1,670	5,670	6,870	8,440	22,600	267,000	1,710	2.2	7,070	24.6	7,160	4.3
Michigan	5,950	20,400	24,100	17,900	68,400	454,000	6,520	9.7	21,300	4.6	25,800	6.9
Minnesota	1,320	16,500	24,100	11,400	53,300	323,000	1,160	-12.0	13,200	-20.1	27,600	14.7
Mississippi	2,470	3,430	3,940	3,110	12,900	155,000	2,150	-12.9	3,890	13.5	4,310	9.4
Missouri	16,000	19,300	20,600	17,000	72,900	584,000	12,400	-22.4	18,800	-2.8	18,800	-8.6
Montana	(4)	(4)	(4)	(4)	13,900	119,000	(4)	(4)	(4)	(4)	(4)	(4)
Nebraska	3,730	5,520	6,000	5,450	20,700	201,000	3,360	-9.9	5,760	4.2	6,330	5.5
Nevada	6,670	7,740	11,300	7,170	32,900	240,000	6,120	-8.2	8,680	12.2	9,040	-20.1
New Hampshire	1,060	3,870	5,310	3,820	14,100	128,000	1,300	22.1	4,690	21.1	6,380	20.2
New Jersey	4,440	8,150	9,360	8,150	30,100	255,000	4,120	-7.2	8,150	(5)	8,620	-7.9
New Mexico	3,880	4,390	4,150	3,890	16,300	152,000	3,680	-5.0	4,160	-5.2	4,190	1.0
New York	7,550	19,700	20,500	16,400	64,100	756,000	7,680	1.6	19,800	0.8	22,800	11.2
North Carolina	14,500	17,700	18,500	16,100	66,900	1,060,000	13,700	-5.6	20,400	14.9	19,300	4.4
North Dakota	(4)	(4)	(4)	(4)	15,800	115,000	(4)	(4)	(4)	(4)	(4)	(4)
Ohio	10,900	23,300	28,100	23,100	85,400	814,000	10,500	-3.7	25,800	11.1	29,500	5.0
Oklahoma	10,500	11,800	11,900	10,500	44,800	411,000	10,400	-1.4	12,500	5.8	11,700	-1.3
Oregon	6,130	9,670	12,000	10,100	37,900	313,000	7,640	24.6	10,200	5.5	12,300	2.1
Pennsylvania	13,900	27,600	29,100	22,900	93,500	1,260,000	12,100	-12.9	28,300	2.4	30,400	4.5
Rhode Island	(4)	(4)	(4)	(4)	4,540	54,200	(4)	(4)	(4)	(4)	(4)	(4)
South Carolina	9,320	9,670	9,470	9,170	37,600	409,000	8,570	-8.1	10,800	12.2	10,300	8.3
South Dakota	1,490	6,300	7,350	3,500	18,600	112,000	881	-40.8	4,310	-31.6	6,720	-8.5
Tennessee	10,600	14,100	15,500	14,400	54,600	674,000	10,300	-2.5	16,500	16.6	16,500	6.7
Texas	60,800	65,600	61,700	60,300	248,000	2,580,000	63,600	4.7	73,900	12.7	68,000	10.2
Utah	5,540	10,000	11,600	8,090	35,200	270,000	6,250	12.8	11,100	10.9	10,600	-8.0
Vermont	354	3,170	4,410	2,000	9,940	90,300	320	-9.8	2,310	-27.2	3,650	-17.2
Virginia	12,900	16,800	16,900	15,300	61,900	979,000	11,200	-13.8	17,100	2.1	16,200	-4.1
Washington	9,030	14,700	17,700	15,700	57,200	600,000	13,300	47.2	20,600	40.4	21,700	22.5
West Virginia	(4)	(4)	(4)	(4)	16,500	187,000	(4)	(4)	(4)	(4)	(4)	(4)
Wisconsin	(4)	(4)	(4)	(4)	52,600	402,000	(4)	(4)	(4)	(4)	(4)	(4)
Wyoming	2,630	5,430	6,120	4,330	18,500	132,000	2,980	13.5	5,370	-1.1	6,780	10.7

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.

⁵Less than ½ unit.