



Mineral Industry Surveys

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CRUSHED STONE AND SAND AND GRAVEL IN THE THIRD QUARTER 2017

An estimated 387 million metric tons (Mt) of *crushed stone* was produced and shipped for consumption in the United States in the third quarter of 2017, a slight decrease compared with that of the third quarter of 2016. The estimated production for consumption in the first 9 months of 2017 was 1.01 billion metric tons (Gt), a slight decrease compared with that of the same period of 2016.

The estimated U.S. output of *construction sand and gravel* produced and shipped for consumption in the third quarter of 2017 was 269 Mt, virtually unchanged compared with that of the third quarter of 2016. The estimated production for consumption in the first 9 months of 2017 was 673 Mt, a slight decrease compared with that of the same period of 2016.

An estimated 656 Mt of total *construction aggregates* was produced and shipped for consumption in the United States in the third quarter of 2017, a slight decrease compared with that of the third quarter of 2016. The estimated production for consumption in the first 9 months of 2017 was 1.69 Gt, a slight decrease compared with that of the same period of 2016.

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 third quarter of 2017 compared with that of the third quarter of 2016. Consumption in the first 9 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 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 2017 decreased in four of the nine geographic divisions compared with that sold or used in the third quarter of 2016. Production for consumption decreased in 23 of the 44 States for which estimates were made. The five leading States were, in descending order of production for consumption, Texas, Pennsylvania, Ohio, Florida, and Illinois. Their combined total production for consumption was 120 Mt, a decrease of 4% compared with that of the same period of 2016 and represented 31% of the U.S. total.

The estimated production for consumption of *construction sand and gravel* in the third quarter of 2017 decreased in five of the nine geographic divisions compared with that sold or used in the third quarter of 2016. Production for consumption decreased in 23 of the 43 States for which estimates were made. The five leading States were, in descending order of production for consumption, California, Minnesota, Texas, Michigan, and Washington. Their combined total production for consumption was 101 Mt, a slight increase compared with that of the same period of 2016 and represented 38% of the U.S. total.

The estimated production for consumption of *construction aggregates* in the third quarter of 2017 decreased in four of the nine geographic divisions compared with that sold or used in the third quarter of 2016. Production for consumption decreased in 21 of the 39 States for which estimates were made. The five leading States were, in descending order of production-for-consumption, Texas, California, Pennsylvania, Ohio, and Michigan. Their combined total production for consumption was 184 Mt, a decrease of 3% compared with that of 2016.

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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	2016						2017					
	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	3,060	12,400	14,500	9,840	39,800	503,000	2,620	-14.5	11,500	-7.2	15,100	4.4
Middle Atlantic	19,500	42,100	46,000	33,100	141,000	1,820,000	18,500	-5.0	41,000	-2.7	44,300	-3.9
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	67,700	-5.1
West North Central	24,300	37,200	39,400	33,300	135,000	1,270,000	21,300	-12.3	36,800	-1.2	38,400	-2.6
South:												
South Atlantic	66,400	80,700	81,500	70,900	300,000	4,180,000	67,600	1.8	80,300	-0.5	82,100	0.7
East South Central	26,600	37,600	38,300	33,600	136,000	1,600,000	26,700	0.6	35,800	-4.9	38,300	0.0
West South Central	58,200	58,000	60,700	54,500	231,000	2,360,000	55,100	-5.3	59,800	3.1	58,400	-4.0
West:												
Mountain	11,100	18,200	19,000	13,200	78,300	589,000	12,200	10.1	19,500	7.1	20,700	7.9
Pacific	14,800	18,600	21,000	16,800	71,300	704,000	12,700	-13.9	19,900	6.8	23,600	10.8
U.S. total ⁵	267,000	373,000	391,000	326,000	1,360,000	15,100,000	261,000	-2.2	365,000	-2.0	387,000	-0.9

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.

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

(Thousand metric tons and thousand dollars)

State	2016						2017					
	Quantity					Value	Quantity	Percent change ³	Quantity	Percent change ³	Quantity	Percent change ³
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. ²	1st-4th qtr. ²	1st qtr.		2d qtr.		3d qtr.	
Alabama	9,230	11,200	10,100	9,910	40,400	475,000	8,960	-2.9	9,960	-11.2	10,400	3.0
Alaska	(4)	(4)	(4)	(4)	1,040	13,100	(4)	(4)	(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	2,690	22.0
Arkansas	6,870	8,000	7,450	7,250	29,600	262,000	6,520	-5.2	7,790	-2.5	8,030	7.8
California	7,880	9,590	9,960	8,570	36,000	326,000	6,570	-16.6	9,980	4.0	10,300	3.8
Colorado	2,370	3,280	4,620	3,270	13,500	126,000	2,810	18.4	4,270	30.5	4,940	6.9
Connecticut	704	3,070	3,170	2,450	9,400	150,000	662	-5.9	2,720	-11.3	3,520	10.9
Delaware	W	W	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	17,900	4.9
Georgia	12,900	15,400	14,900	12,200	55,400	770,000	12,900	0.0	13,600	-11.9	14,400	-3.3
Hawaii	(4)	(4)	(4)	(4)	4,460	92,400	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	(4)	(4)	(4)	(4)	8,700	61,700	(4)	(4)	(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	16,900	-1.1
Indiana	6,570	13,400	14,900	12,900	47,700	385,000	6,570	0.0	12,800	-4.0	13,600	-8.8
Iowa	5,020	12,000	11,900	9,440	38,400	412,000	4,670	-6.9	11,800	-1.7	11,800	-1.2
Kansas	3,390	4,460	4,500	4,020	16,400	158,000	2,690	-20.6	4,240	-4.8	4,320	-4.0
Kentucky	7,960	13,500	15,200	13,900	50,500	487,000	8,320	4.5	13,300	-1.6	14,600	-4.4
Louisiana	W	W	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	1,370	-6.4
Maryland	3,120	5,630	6,660	5,590	21,000	237,000	3,510	12.7	6,670	18.6	6,930	4.0
Massachusetts	1,010	3,930	3,860	3,150	11,900	170,000	828	-18.0	3,600	-8.6	4,140	7.4
Michigan	2,970	10,300	11,400	7,950	32,700	249,000	2,710	-8.5	8,950	-13.4	10,200	-10.9
Minnesota	235	2,170	2,920	1,390	6,720	88,800	204	-12.9	2,200	1.3	2,640	-9.6
Mississippi	427	640	601	529	2,200	67,000	422	-1.2	561	-12.4	580	-3.6
Missouri	13,400	14,100	15,300	15,200	58,100	454,000	11,700	-13.1	14,100	-0.5	14,900	-2.6
Montana	(4)	(4)	(4)	(4)	2,790	29,400	(4)	(4)	(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	2,110	-0.9
Nevada	2,150	3,660	4,410	2,510	12,700	126,000	2,860	32.7	5,380	46.9	4,910	11.4
New Hampshire	451	1,820	2,070	1,210	5,540	54,000	406	-9.8	1,270	-29.9	1,820	-12.1
New Jersey	2,240	4,600	4,620	4,150	15,600	145,000	2,290	2.3	4,380	-4.9	5,450	18
New Mexico	(4)	(4)	(4)	(4)	5,190	48,800	(4)	(4)	(4)	(4)	(4)	(4)
New York	4,630	12,200	13,900	8,840	39,500	493,000	3,860	-16.6	11,800	-3.4	12,900	-7.3
North Carolina	12,300	15,800	15,800	13,600	57,500	951,000	12,500	1.5	15,300	-3.1	16,200	2.7
North Dakota	(4)	(4)	(4)	(4)	776	5,920	(4)	(4)	(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	18,200	-5.1
Oklahoma	9,420	9,390	9,440	7,500	35,800	329,000	7,960	-15.5	9,010	-4.0	9,230	-2.2
Oregon	3,870	5,460	6,590	5,160	21,100	161,000	3,570	-7.5	5,610	2.6	7,090	7.6
Pennsylvania	12,600	25,300	27,500	20,100	85,500	1,180,000	12,300	-2.1	24,800	-1.9	26,000	-5.6
Rhode Island	246	593	737	786	2,360	26,500	275	11.9	731	23.3	941	27.7
South Carolina	6,930	7,750	7,550	6,720	29,000	349,000	7,390	6.5	7,640	-1.5	7,310	-3.2
South Dakota	649	2,380	2,560	1,350	6,940	52,700	490	-24.6	2,430	2.3	2,560	0.1
Tennessee	8,950	12,300	12,300	9,310	42,900	574,000	9,040	0.9	12,000	-2.5	12,700	3.2
Texas	41,000	39,900	43,200	38,900	163,000	1,690,000	39,900	-2.8	42,300	6.2	40,600	-6.1
Utah	1,240	3,300	2,760	2,110	9,410	69,700	1,750	40.8	2,680	-18.7	3,600	30.3
Vermont	403	1,840	3,200	1,260	6,700	72,000	210	-48.0	2,150	16.9	3,370	5.5
Virginia	9,250	12,700	13,700	12,200	47,800	810,000	9,860	6.6	12,900	1.5	12,900	-5.5
Washington	3,020	3,550	4,490	3,110	14,200	218,000	2,560	-15.0	4,290	20.6	6,160	37.2
West Virginia	3,690	4,800	5,730	3,970	18,200	210,000	3,110	-15.5	4,900	2.1	6,300	10.0
Wisconsin	7,200	7,880	8,580	4,960	28,600	225,000	9,870	37.1	7,840	-0.6	8,860	3.2
Wyoming	2,930	5,460	5,060	3,410	16,900	51,000	2,660	-9.3	4,820	-11.6	4,550	-10.1

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	2016						2017					
	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	1,350	6,630	8,510	5,510	34,600	326,000	1,400	3.4	6,530	-1.5	7,560	-12.5
Middle Atlantic	7,880	14,600	15,900	12,000	50,400	498,000	6,880	-12.6	13,600	-6.8	13,700	-15.9
Midwest:												
East North Central	13,100	31,800	38,600	27,400	139,000	1,000,000	11,400	-13.4	31,000	-2.4	37,100	-4.0
West North Central	11,400	36,300	48,600	28,300	124,000	774,000	9,510	-16.4	35,600	-1.8	50,200	3.2
South:												
South Atlantic	14,100	17,400	17,800	16,100	65,400	599,000	15,400	9.4	18,000	3.6	17,800	-0.4
East South Central	3,520	5,570	5,840	4,900	37,300	281,000	3,810	8.2	5,390	-3.1	5,990	2.4
West South Central	29,300	29,100	29,800	26,300	114,000	1,150,000	27,700	-5.3	29,000	-0.3	26,800	-11.1
West:												
Mountain	27,600	53,500	54,800	41,800	178,000	1,450,000	27,700	0.3	51,500	-3.7	56,400	2.9
Pacific	27,000	37,300	41,500	33,600	139,000	1,510,000	24,800	-7.9	41,500	11.3	45,700	9.4
U.S. total ⁵	162,000	249,000	269,000	212,000	892,000	7,670,000	156,000	-3.9	248,000	-0.3	269,000	-0.1

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	2016						2017					
	Quantity					Value	Quantity	Percent change ³	Quantity	Percent change ³	Quantity	Percent change ³
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. ²	1st-4th qtr. ²						
Alabama	(4)	(4)	(4)	(4)	10,700	79,400	(4)	(4)	(4)	(4)	(4)	(4)
Alaska	(4)	(4)	(4)	(4)	8,900	66,500	(4)	(4)	(4)	(4)	(4)	(4)
Arizona	8,050	9,570	10,300	9,360	37,300	352,000	8,190	1.8	9,880	3.3	10,300	0.5
Arkansas	1,760	2,040	2,080	1,860	7,730	71,900	1,750	-0.6	2,010	-1.1	2,100	1.1
California	18,100	25,200	26,700	22,700	92,600	1,100,000	16,300	-9.8	27,000	7.2	28,400	6.1
Colorado	5,750	9,140	11,800	7,940	34,600	282,000	5,460	-5.0	9,940	8.8	11,300	-3.9
Connecticut	360	1,980	1,960	1,460	5,770	58,100	355	-1.2	1,430	-28.1	1,780	-9.5
Delaware	464	637	797	679	2,580	22,800	537	15.9	625	-1.9	642	-19.5
Florida	4,660	5,130	5,160	4,610	19,600	211,000	5,040	8.1	5,360	4.6	5,010	-2.8
Georgia	1,760	2,070	1,960	1,690	7,470	56,300	1,850	5.2	1,970	-5.0	1,810	-7.6
Hawaii	(4)	(4)	(4)	(4)	459	10,900	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	2,140	3,800	4,860	3,100	13,900	87,700	2,200	2.9	5,960	56.7	6,160	26.7
Illinois	1,630	5,090	6,090	3,710	16,500	119,000	1,610	-1.3	4,210	-17.3	5,130	-15.7
Indiana	2,150	4,280	5,170	4,010	15,600	118,000	2,290	6.4	4,380	2.3	4,690	-9.3
Iowa	1,590	4,630	5,390	3,680	15,300	127,000	1,420	-10.9	4,730	2.1	5,090	-5.6
Kansas	1,510	2,500	2,300	1,620	7,930	51,400	1,220	-19.1	1,990	-20.3	2,090	-9.5
Kentucky	(4)	(4)	(4)	(4)	6,760	36,000	(4)	(4)	(4)	(4)	(4)	(4)
Louisiana	3,460	3,810	3,600	3,390	14,300	170,000	3,040	-12.1	2,990	-21.5	3,210	-10.7
Maine	195	1,460	2,710	1,940	6,290	52,100	330	68.8	1,900	30.3	1,770	-34.7
Maryland	1,170	1,830	2,090	1,730	6,830	90,700	1,220	3.6	1,900	3.8	2,080	-0.6
Massachusetts	(4)	(4)	(4)	(4)	10,200	105,000	(4)	(4)	(4)	(4)	(4)	(4)
Michigan	3,940	13,300	16,000	10,800	44,100	286,000	3,670	-6.8	13,800	3.6	16,700	4.2
Minnesota	2,000	16,000	25,300	12,200	55,500	292,000	1,240	-38.0	16,000	0.5	25,400	0.5
Mississippi	2,030	3,280	3,630	3,160	12,100	102,000	2,390	17.5	3,360	2.3	3,630	-0.1
Missouri	2,320	2,510	2,640	2,420	9,880	71,500	1,930	-16.9	2,300	-8.3	2,540	-3.5
Montana	1,550	3,510	4,260	2,560	11,900	95,900	969	-37.6	3,720	5.9	4,010	-5.9
Nebraska	2,500	3,530	3,630	3,090	12,700	96,200	2,140	-14.6	3,510	-0.6	3,910	7.8
Nevada	2,430	5,130	5,910	7,220	20,700	128,000	2,990	22.8	6,300	22.9	6,890	16.5
New Hampshire	556	1,460	1,020	854	3,890	34,400	497	-10.6	1,450	-0.9	1,710	67.2
New Jersey	1,920	3,170	2,970	2,610	10,700	83,400	1,680	-12.4	3,020	-4.5	3,060	2.9
New Mexico	1,730	2,350	2,340	2,040	8,460	78,800	2,060	19.2	2,900	23.0	2,470	5.5
New York	4,490	8,410	9,770	6,990	29,700	300,000	3,690	-17.8	7,970	-5.2	7,710	-21.1
North Carolina	2,070	2,520	2,410	2,440	9,450	64,300	2,190	5.6	2,740	8.7	2,630	8.9
North Dakota	329	3,460	4,870	2,940	11,600	78,900	426	29.3	2,680	-22.5	5,670	16.3
Ohio	5,420	9,090	11,300	8,840	34,700	303,000	3,820	-29.5	8,630	-5.1	10,600	-6.4
Oklahoma	2,780	2,780	2,840	2,440	10,800	94,900	2,470	-11.2	2,710	-2.6	2,600	-8.4
Oregon	2,490	3,400	4,250	3,140	13,300	123,000	2,770	11.1	4,340	27.7	5,470	28.7
Pennsylvania	1,470	3,070	3,170	2,350	10,100	114,000	1,510	2.8	2,650	-13.4	2,960	-6.7
Rhode Island	(4)	(4)	(4)	(4)	2,360	29,800	(4)	(4)	(4)	(4)	(4)	(4)
South Carolina	2,280	2,980	3,020	2,720	11,000	60,500	2,650	16.5	2,830	-4.9	2,960	-2.0
South Dakota	1,130	3,670	4,450	2,310	11,600	56,900	1,150	1.2	4,360	18.9	5,470	22.9
Tennessee	1,490	2,290	2,210	1,740	7,740	64,000	1,430	-4.4	2,040	-10.9	2,360	6.7
Texas	21,300	20,400	21,300	18,700	81,700	817,000	20,400	-3.9	21,300	4.1	18,900	-11.2
Utah	3,790	14,800	11,100	7,130	36,900	292,000	4,280	13.0	9,170	-38.2	10,300	-7.3
Vermont	244	1,730	2,820	1,260	6,050	46,500	218	-10.6	1,760	1.8	2,310	-18.0
Virginia	1,590	2,060	2,230	2,080	7,960	88,200	1,830	15.2	2,240	8.7	2,300	3.4
Washington	6,400	8,740	10,500	7,790	33,400	287,000	5,770	-9.9	10,200	16.5	11,900	13.8
West Virginia	87	181	181	130	580	5,210	92	6.1	367	102.4	341	88.1
Wisconsin	(4)	(4)	(4)	(4)	27,900	177,000	(4)	(4)	(4)	(4)	(4)	(4)
Wyoming	2,140	5,160	4,150	2,440	13,900	131,000	1,500	-30.0	3,630	-29.6	4,840	16.7

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	2016						2017					
	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	4,420	19,000	23,000	15,300	74,300	830,000	4,020	-9.0	18,000	-5.2	22,700	-1.2
Middle Atlantic	27,400	56,700	61,900	45,000	191,000	2,320,000	25,400	-7.2	54,600	-3.7	58,000	-6.7
Midwest:												
East North Central	42,500	95,200	110,000	82,500	358,000	2,980,000	43,000	1.1	89,000	-6.5	105,000	-4.7
West North Central	35,700	73,500	87,900	61,600	259,000	2,040,000	30,800	-13.6	72,400	-1.5	88,500	0.7
South:												
South Atlantic	80,500	98,100	99,400	87,000	365,000	4,770,000	83,000	3.1	98,400	0.2	99,800	0.5
East South Central	30,100	43,200	44,100	38,500	173,000	1,880,000	30,500	1.5	41,200	-4.7	44,300	0.3
West South Central	87,400	87,100	90,600	80,800	346,000	3,520,000	82,800	-5.3	88,800	2.0	85,200	-6.2
West:												
Mountain	38,600	71,700	73,800	55,000	256,000	2,040,000	39,800	3.1	71,000	-1.0	77,100	4.2
Pacific	41,700	55,900	62,500	50,400	211,000	2,210,000	37,500	-10.0	61,400	9.8	69,300	9.8
U.S. total ⁵	429,000	621,000	660,000	538,000	2,250,000	22,800,000	417,000	-2.8	613,000	-1.3	656,000	-0.6

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	2016						2017					
	Quantity					Value	Quantity	Percent change ³	Quantity	Percent change ³	Quantity	Percent change ³
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. ²	1st-4th qtr. ²	1st qtr.		2d qtr.		3d qtr.	
Alabama	(4)	(4)	(4)	(4)	51,200	555,000	(4)	(4)	(4)	(4)	(4)	(4)
Alaska	(4)	(4)	(4)	(4)	9,940	79,600	(4)	(4)	(4)	(4)	(4)	(4)
Arizona	10,400	12,100	12,500	11,300	46,300	428,000	10,300	-1.0	12,200	1.1	13,000	4.3
Arkansas	8,630	10,000	9,520	9,110	37,300	334,000	8,270	-4.2	9,810	-2.3	10,100	6.4
California	25,900	34,700	36,700	31,200	129,000	1,430,000	22,900	-11.9	37,000	6.4	38,700	5.4
Colorado	8,120	12,400	16,400	11,200	48,200	408,000	8,270	1.8	14,200	14.5	16,300	-0.9
Connecticut	1,060	5,060	5,130	3,910	15,200	208,000	1,020	-4.3	4,150	-17.9	5,290	3.1
Delaware	W	W	W	W	W	W	W	W	W	W	W	W
Florida	22,700	23,600	22,200	21,100	89,600	1,050,000	23,200	2.3	24,600	4.2	22,900	3.1
Georgia	14,700	17,500	16,900	13,800	62,900	826,000	14,800	0.7	15,500	-11.0	16,200	-3.8
Hawaii	(4)	(4)	(4)	(4)	4,920	103,000	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	(4)	(4)	(4)	(4)	22,600	149,000	(4)	(4)	(4)	(4)	(4)	(4)
Illinois	6,920	20,100	23,200	16,800	66,900	674,000	6,760	-2.2	17,400	-13.4	22,000	-5.0
Indiana	8,720	17,700	20,000	16,900	63,300	504,000	8,860	1.6	17,200	-2.5	18,200	-8.9
Iowa	6,610	16,600	17,300	13,100	53,700	539,000	6,090	-7.9	16,500	-0.6	16,900	-2.6
Kansas	4,900	6,950	6,800	5,640	24,300	209,000	3,910	-20.2	6,230	-10.4	6,410	-5.8
Kentucky	(4)	(4)	(4)	(4)	57,300	523,000	(4)	(4)	(4)	(4)	(4)	(4)
Louisiana	W	W	W	W	W	W	W	W	W	W	W	W
Maine	444	2,600	4,160	2,930	10,100	83,800	565	27.4	2,930	12.5	3,130	-24.7
Maryland	4,290	7,460	8,760	7,320	27,800	328,000	4,730	10.2	8,570	14.9	9,010	2.9
Massachusetts	(4)	(4)	(4)	(4)	22,100	275,000	(4)	(4)	(4)	(4)	(4)	(4)
Michigan	6,910	23,700	27,400	18,800	76,800	535,000	6,390	-7.6	22,800	-3.8	26,900	-2.1
Minnesota	2,240	18,100	28,200	13,600	62,200	380,000	1,440	-35.4	18,200	0.6	28,100	-0.6
Mississippi	2,460	3,920	4,230	3,690	14,300	169,000	2,810	14.3	3,920	-0.1	4,210	-0.6
Missouri	15,700	16,700	18,000	17,700	68,000	525,000	13,600	-13.7	16,400	-1.7	17,500	-2.7
Montana	(4)	(4)	(4)	(4)	14,700	125,000	(4)	(4)	(4)	(4)	(4)	(4)
Nebraska	4,110	5,580	5,760	4,940	20,400	196,000	3,740	-9.0	5,540	-0.8	6,020	4.6
Nevada	4,590	8,800	10,300	9,720	33,400	254,000	5,840	27.4	11,700	32.9	11,800	14.3
New Hampshire	1,010	3,280	3,080	2,060	9,430	88,400	903	-10.2	2,720	-16.9	3,520	14.1
New Jersey	4,160	7,770	7,590	6,760	26,300	229,000	3,980	-4.5	7,400	-4.8	8,500	12.0
New Mexico	(4)	(4)	(4)	(4)	13,700	128,000	(4)	(4)	(4)	(4)	(4)	(4)
New York	9,120	20,600	23,700	15,800	69,200	793,000	7,560	-17.2	19,700	-4.1	20,600	-13.0
North Carolina	14,400	18,300	18,200	16,100	67,000	1,020,000	14,700	2.1	18,000	-1.5	18,800	3.5
North Dakota	(4)	(4)	(4)	(4)	12,400	84,900	(4)	(4)	(4)	(4)	(4)	(4)
Ohio	12,800	26,000	30,600	25,100	94,400	864,000	11,100	-13.0	23,800	-8.3	28,900	-5.6
Oklahoma	12,200	12,200	12,300	9,940	46,600	424,000	10,400	-14.5	11,700	-3.7	11,800	-3.6
Oregon	6,360	8,860	10,800	8,300	34,400	284,000	6,340	-0.2	9,950	12.2	12,600	15.9
Pennsylvania	14,100	28,400	30,700	22,400	95,500	1,300,000	13,900	-1.6	27,500	-3.1	28,900	-5.7
Rhode Island	(4)	(4)	(4)	(4)	4,730	56,400	(4)	(4)	(4)	(4)	(4)	(4)
South Carolina	9,210	10,700	10,600	9,440	40,000	409,000	10,000	9.0	10,500	-2.4	10,300	-2.8
South Dakota	1,780	6,050	7,010	3,660	18,500	110,000	1,640	-8.2	6,800	12.3	8,030	14.6
Tennessee	10,400	14,600	14,600	11,100	50,600	638,000	10,500	0.2	14,000	-3.8	15,100	3.7
Texas	62,300	60,300	64,500	57,600	245,000	2,510,000	60,300	-3.2	63,600	5.5	59,500	-7.8
Utah	5,030	18,100	13,900	9,240	46,300	362,000	6,030	19.9	11,800	-34.6	13,900	0.2
Vermont	647	3,570	6,020	2,510	12,700	119,000	427	-33.9	3,910	9.6	5,680	-5.5
Virginia	10,800	14,700	15,900	14,300	55,800	898,000	11,700	7.9	15,100	2.5	15,300	-4.3
Washington	9,410	12,300	15,000	10,900	47,600	505,000	8,330	-11.5	14,500	17.7	18,100	20.8
West Virginia	3,770	4,980	5,910	4,100	18,800	215,000	3,210	-15.0	5,270	5.8	6,640	12.4
Wisconsin	(4)	(4)	(4)	(4)	56,600	402,000	(4)	(4)	(4)	(4)	(4)	(4)
Wyoming	5,070	10,600	9,210	5,860	30,700	182,000	4,160	-18.0	8,460	-20.3	9,390	2.0

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.

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