

Mineral Industry Surveys

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CRUSHED STONE AND SAND AND GRAVEL IN THE THIRD QUARTER 2016

An estimated 397 million metric tons (Mt) of *crushed stone* was produced and shipped for consumption in the United States in the third quarter of 2016, an decrease of 3% compared with that of the third quarter of 2015. The estimated production for consumption in the first 9 months of 2016 was 1.05 billion metric tons (Gt), an increase of 6% compared with that of the same period of 2015.

The estimated U.S. output of *construction sand and gravel* produced and shipped for consumption in the third quarter of 2016 was 290 Mt, a virtually unchanged compared with that of the third quarter of 2015. The estimated production for consumption in the first 9 months of 2016 was 732 Mt, an increase of 4% compared with that of the same period of 2015.

An estimated 687 Mt of total *construction aggregates* was produced and shipped for consumption in the United States in the third quarter of 2016, a slight decrease compared with that of the third quarter of 2015. The estimated production for consumption in the first 9 months of 2016 was 1.78 Gt, an increase of 5% compared with that of the same period of 2015.

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 decreased by 3.9% in the third quarter of 2016 compared with that of the third quarter of 2015. Consumption in the first 9 months of 2016 increased by 3.1% compared with that of the same period of 2015. 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 2016 decreased in six of the nine geographic divisions compared with that sold or used in the third quarter of 2015. Production for consumption decreased in 24 of the 46 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 123 Mt, a decrease of 6% compared with that of the same period of 2015 and represented 31% of the U.S. total.

The estimated production for consumption of *construction sand and gravel* in the third quarter of 2016 decreased in seven of the nine geographic divisions compared with that sold or used in the third quarter of 2015. Production for consumption decreased in 24 of the 45 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 109 Mt, a slight decrease compared with that of the same period of 2015 and represented 38% of the U.S. total.

The estimated production for consumption of *construction aggregates* in the third quarter of 2016 decreased in six of the nine geographic divisions compared with that sold or used in the third quarter of 2015. Production for consumption decreased in 22 of the 43 States for which estimates were made. The five leading States were, in descending order of production-for-consumption, Texas, California, Michigan, Pennsylvania, and Ohio. Their combined total production for consumption was 197 Mt, a decrease of 5% compared with that of the same period of 2015 and represented 29% of the U.S. total.

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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	2015						2016					
	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	1,740	11,400	14,900	12,200	40,300	510,000	3,070	76.9	12,400	9.1	14,500	-2.7
Middle Atlantic	15,500	42,900	50,300	39,600	148,000	1,720,000	19,600	27.0	42,600	-0.6	46,700	-7.8
Midwest:												
East North Central	24,300	59,400	75,500	61,500	221,000	1,920,000	30,300	24.9	66,200	11.4	74,200	-1.8
West North Central	22,600	37,600	47,100	37,300	146,000	1,330,000	24,100	6.4	36,600	-2.5	39,300	-19.9
South:												
South Atlantic	50,400	73,600	77,800	68,800	271,000	3,660,000	66,600	32.1	80,900	10.0	81,700	4.8
East South Central	22,600	38,500	39,100	35,500	136,000	1,540,000	26,700	18.1	37,900	-1.6	38,600	-1.3
West South Central	50,900	56,900	66,200	56,600	231,000	2,080,000	58,300	14.5	58,200	2.4	60,800	-8.9
West:												
Mountain	11,100	17,200	18,800	13,900	64,000	514,000	11,600	4.5	19,300	12.6	23,400	19.6
Pacific	14,600	17,900	21,300	18,300	72,000	710,000	15,500	6.3	19,000	5.8	21,500	0.9
Total ⁵	225,000	357,000	408,000	344,000	1,330,000	14,100,000	271,000	20.6	377,000	5.5	397,000	-2.6

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

(Thousand metric tons and thousand dollars)

State	2015						2016					
	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	7,240	9,770	10,100	9,280	36,400	401,000	8,730	20.6	10,600	8.7	9,530	-5.8
Alaska	(4)	(4)	(4)	(4)	851	9,600	(4)	(4)	(4)	(4)	(4)	(4)
Arizona	2,410	2,980	2,290	2,490	10,200	90,600	2,570	6.8	2,750	-7.8	2,400	4.7
Arkansas	5,960	6,940	7,530	7,300	27,700	235,000	7,110	19.2	8,310	19.8	7,670	1.9
California	8,700	9,050	10,700	9,490	38,000	347,000	8,200	-5.8	9,430	4.2	9,800	-8.6
Colorado	2,560	3,310	4,320	2,630	12,800	109,000	2,360	-7.7	3,260	-1.7	4,590	6.4
Connecticut	379	2,820	3,810	3,260	10,300	167,000	772	103.7	3,370	19.7	3,480	-8.7
Delaware	W	W	W	W	W	W	W	W	W	W	W	W
Florida	14,100	15,000	16,500	17,300	63,000	780,000	18,400	30.2	18,900	25.9	17,400	5.7
Georgia	9,540	13,200	13,600	12,100	48,400	634,000	12,700	33.0	15,100	14.7	14,600	8.0
Hawaii	(4)	(4)	(4)	(4)	5,650	111,000	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	329	946	1,460	714	3,450	23,100	311	-5.5	1,400	47.5	2,840	94.7
Illinois	5,160	15,000	18,400	14,300	52,800	543,000	5,140	-0.5	14,500	-2.7	16,600	-9.8
Indiana	5,900	13,400	17,400	15,200	52,000	414,000	6,900	16.9	14,000	4.5	15,600	-10.5
Iowa	3,460	9,720	10,900	8,300	32,400	317,000	4,490	29.7	10,800	10.7	10,900	0.4
Kansas	3,020	4,640	5,290	4,590	17,500	155,000	3,440	14.1	4,520	-2.5	4,560	-13.8
Kentucky	7,970	16,300	15,900	14,700	54,800	525,000	8,000	0.3	13,600	-16.8	15,300	-3.3
Louisiana	W	W	W	W	W	W	W	W	W	W	W	W
Maine	131	1,240	1,780	1,140	4,290	36,700	253	92.6	1,160	-5.8	1,490	-16.7
Maryland	3,050	6,820	7,680	5,750	23,300	237,000	3,180	4.2	5,750	-15.7	6,800	-11.5
Massachusetts	594	3,360	3,920	3,900	11,800	170,000	1,000	68.7	3,850	14.4	3,920	0.1
Michigan	2,160	8,620	13,400	9,510	33,700	259,000	3,600	66.8	12,500	45.4	13,900	3.6
Minnesota	587	2,970	3,940	2,250	9,750	117,000	306	-47.8	2,800	-5.7	3,820	-3.1
Mississippi	367	483	487	402	1,740	51,200	395	7.7	592	22.5	554	13.7
Missouri	13,300	16,100	22,800	19,100	71,300	593,000	13,600	2.1	14,400	-11.1	15,500	-31.8
Montana	(4)	(4)	(4)	(4)	3,080	28,800	(4)	(4)	(4)	(4)	(4)	(4)
Nebraska	1,560	2,220	2,270	1,930	7,970	94,500	1,670	7.1	2,140	-3.8	2,220	-1.9
Nevada	1,520	2,150	3,140	2,540	9,340	86,600	2,320	53.1	3,810	77.6	6,140	95.1
New Hampshire	358	1,430	2,260	1,800	5,840	52,500	473	32.4	1,910	33.2	2,170	-3.6
New Jersey	1,890	4,610	5,570	4,630	16,700	158,000	2,170	14.9	4,450	-3.5	4,470	-20
New Mexico	1,060	1,620	1,420	996	5,090	47,000	847	-19.8	1,390	-13.9	1,310	-7.5
New York	3,170	12,800	16,000	12,200	44,200	513,000	5,100	60.9	13,400	4.2	15,300	-4.7
North Carolina	8,600	14,700	14,300	11,900	49,500	810,000	12,300	42.8	15,700	7.0	15,700	9.6
North Dakota	(4)	(4)	(4)	(4)	1,270	13,100	(4)	(4)	(4)	(4)	(4)	(4)
Ohio	5,920	15,800	20,400	17,500	59,600	548,000	7,450	25.9	17,100	8.5	19,500	-4.3
Oklahoma	8,160	9,810	10,800	9,530	38,300	318,000	9,640	18.1	9,610	-2.1	9,650	-10.6
Oregon	3,060	4,890	6,270	4,890	19,100	154,000	4,120	34.5	5,870	20.1	7,110	13.4
Pennsylvania	10,400	25,500	28,700	22,700	87,300	1,050,000	12,400	18.9	24,800	-2.6	27,000	-6.1
Rhode Island	125	748	659	628	2,160	24,400	225	80.8	544	-27.2	676	2.5
South Carolina	4,680	6,370	6,740	6,250	24,000	263,000	6,990	49.3	7,810	22.7	7,610	13.0
South Dakota	678	1,890	1,950	1,150	5,660	43,100	559	-17.6	2,050	8.6	2,200	12.8
Tennessee	7,030	12,000	12,700	11,200	42,900	561,000	9,580	36.3	13,200	9.7	13,200	4.2
Texas	36,100	39,200	46,800	38,700	161,000	1,450,000	40,600	12.7	39,500	0.6	42,800	-8.7
Utah	1,600	2,760	2,210	2,260	8,820	73,400	1,360	-15.2	3,400	23.2	2,980	35.3
Vermont	152	1,800	2,490	1,490	5,940	60,000	349	130.1	1,600	-11.4	2,800	12.3
Virginia	7,730	13,600	14,600	11,800	47,600	758,000	9,500	22.8	13,000	-4.0	14,100	-3.4
Washington	2,790	3,970	4,330	3,890	15,000	209,000	3,150	12.8	3,650	-8.1	4,600	6.3
West Virginia	2,550	3,680	4,210	3,480	13,900	163,000	3,420	34.4	4,450	21.0	5,320	26.3
Wisconsin	5,140	6,620	5,890	4,990	22,600	152,000	7,240	40.8	7,920	19.5	8,620	46.5
Wyoming	1,610	3,420	3,950	2,300	11,300	55,000	1,810	12.5	3,340	-2.3	3,110	-21.3

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	2015						2016					
	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	1,150	8,830	15,800	12,500	42,000	401,000	2,290	98.4	9,330	5.7	15,000	-5.5
Middle Atlantic	6,200	16,500	19,700	15,700	58,100	566,000	8,820	42.3	16,400	-0.8	17,900	-10.2
Midwest:												
East North Central	10,200	34,300	44,100	32,600	152,000	1,030,000	13,900	36.9	35,000	2.1	42,300	-4.2
West North Central	10,200	36,600	50,100	29,900	127,000	823,000	11,400	11.4	36,200	-1.0	48,500	-3.4
South:												
South Atlantic	10,700	14,800	15,200	13,400	54,200	484,000	13,400	24.9	16,300	10.2	16,700	8.7
East South Central	3,680	7,640	8,490	6,540	35,100	262,000	4,840	31.5	8,180	7.2	8,410	-0.9
West South Central	27,300	30,700	34,600	30,000	123,000	1,040,000	30,400	11.2	30,000	-2.2	31,000	-11.8
West:												
Mountain	31,200	51,600	57,500	42,900	183,000	1,580,000	30,600	-2.1	59,500	15.3	61,700	6.9
Pacific	30,900	40,100	45,500	38,700	155,000	1,790,000	29,300	-5.2	40,500	0.9	45,400	-0.2
Total ⁵	159,000	254,000	290,000	235,000	937,000	8,040,000	175,000	9.9	267,000	5.4	290,000	-0.2

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

(Thousand metric tons and thousand dollars)

State	2015						2016					
	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)	8,780	58,200	(4)	(4)	(4)	(4)	(4)	(4)
Alaska	(4)	(4)	(4)	(4)	7,080	55,800	(4)	(4)	(4)	(4)	(4)	(4)
Arizona	9,470	11,300	10,900	8,860	40,500	395,000	8,430	-11.0	10,000	-11.4	10,800	-1.0
Arkansas	1,930	2,060	1,950	2,170	8,110	76,600	1,900	-1.4	2,200	6.8	2,230	14.3
California	20,300	24,400	27,800	24,600	97,100	1,290,000	18,100	-11.2	25,100	3.0	26,700	-3.8
Colorado	7,020	10,500	11,700	8,880	38,100	316,000	6,510	-7.2	10,300	-1.2	13,400	14.1
Connecticut	171	1,770	2,880	2,270	7,100	73,500	492	188.1	2,760	55.8	2,720	-5.8
Delaware	324	527	555	508	1,910	18,100	374	15.3	513	-2.6	651	17.3
Florida	4,280	4,900	4,850	4,790	18,800	168,000	5,100	19.2	5,590	14.2	5,610	15.7
Georgia	1,420	1,530	1,500	1,400	5,850	40,300	1,770	24.5	2,100	37.1	1,970	31.8
Hawaii	(4)	(4)	(4)	(4)	786	16,500	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	2,050	3,370	5,080	2,920	13,400	109,000	1,990	-2.5	3,590	6.5	4,640	-8.6
Illinois	1,610	6,770	7,850	5,940	22,200	166,000	1,700	5.4	5,220	-23.0	6,200	-21.0
Indiana	2,200	4,610	6,160	4,850	17,800	114,000	2,210	0.3	4,400	-4.6	5,300	-14.0
Iowa	1,410	4,920	5,690	4,240	16,300	117,000	1,750	24.7	5,060	2.7	5,970	4.8
Kansas	1,660	3,250	3,150	2,390	10,500	62,000	1,700	2.6	2,770	-14.9	2,570	-18.4
Kentucky	889	2,340	2,300	1,960	7,490	40,500	747	-16.1	1,750	-25.2	1,730	-24.6
Louisiana	3,050	3,740	3,560	3,380	13,700	167,000	2,910	-4.5	3,170	-15.3	3,030	-15.0
Maine	143	2,130	3,580	2,650	8,500	69,100	234	63.6	1,650	-22.7	2,970	-17.0
Maryland	739	1,650	2,200	1,650	6,240	80,900	966	30.7	1,510	-8.8	1,730	-21.4
Massachusetts	282	2,140	4,600	4,590	11,600	119,000	859	204.7	1,990	-7.1	5,640	22.7
Michigan	3,700	14,700	19,500	12,700	50,600	306,000	5,040	36.1	17,000	15.7	20,400	4.4
Minnesota	1,560	12,100	22,100	10,200	46,000	253,000	1,900	22.0	15,100	24.7	24,100	8.8
Mississippi	1,520	2,700	3,170	2,450	9,840	85,500	2,010	32.2	3,250	20.1	3,590	13.2
Missouri	2,310	2,840	2,860	2,360	10,400	76,800	2,440	5.7	2,660	-6.2	2,780	-2.5
Montana	1,240	4,710	4,870	2,920	13,700	114,000	1,790	44.6	4,050	-14.2	4,910	0.8
Nebraska	1,790	3,210	3,450	3,200	11,700	84,700	2,310	28.5	3,260	1.5	3,350	-3.0
Nevada	1,800	3,010	5,360	5,860	16,000	121,000	2,900	61.4	5,910	96.1	7,740	44.3
New Hampshire	419	1,690	2,800	2,010	6,910	54,800	513	22.4	1,530	-9.3	1,300	-53.5
New Jersey	1,710	3,660	3,860	3,230	12,500	121,000	2,120	24.0	3,470	-5.1	3,250	-15.6
New Mexico	3,570	4,170	5,220	3,700	16,700	151,000	3,090	-13.4	4,210	0.9	4,190	-19.8
New York	3,200	9,820	12,200	9,620	34,800	339,000	5,160	61.5	9,690	-1.3	11,300	-7.4
North Carolina	1,280	2,220	2,010	1,700	7,210	47,200	1,880	46.9	2,290	3.1	2,180	8.7
North Dakota	693	7,330	9,890	5,750	23,700	185,000	430	-37.9	4,520	-38.3	6,370	-35.6
Ohio	2,670	8,170	10,600	9,190	30,600	268,000	5,010	87.2	8,340	2.2	10,400	-1.1
Oklahoma	1,820	2,140	2,510	2,340	8,800	60,400	2,120	16.8	2,120	-0.9	2,170	-13.6
Oregon	2,030	3,120	4,250	3,220	12,600	120,000	2,480	22.2	3,430	10.0	4,320	1.6
Pennsylvania	1,300	3,050	3,660	2,850	10,900	106,000	1,550	19.1	3,230	5.9	3,340	-8.8
Rhode Island	(4)	(4)	(4)	(4)	3,710	46,400	(4)	(4)	(4)	(4)	(4)	(4)
South Carolina	1,460	2,080	2,100	1,710	7,350	46,000	1,900	29.7	2,490	20.2	2,540	20.9
South Dakota	814	2,900	3,000	1,720	8,420	44,700	864	6.2	2,800	-3.4	3,400	13.5
Tennessee	1,270	2,590	3,020	2,130	9,010	77,200	2,080	64.1	3,190	23.0	3,080	2.2
Texas	20,500	22,800	26,600	22,200	92,100	735,000	23,500	14.2	22,600	-1.0	23,500	-11.5
Utah	4,770	12,300	10,900	8,090	36,100	287,000	4,640	-2.7	18,400	49.8	13,700	25.1
Vermont	139	1,100	1,950	1,030	4,220	38,000	192	37.9	1,410	27.6	2,360	21.0
Virginia	1,090	1,770	1,830	1,490	6,190	77,700	1,280	17.5	1,670	-5.9	1,790	-2.3
Washington	8,530	12,600	13,500	10,900	45,500	383,000	8,750	2.6	11,900	-5.4	14,300	6.4
West Virginia	104	163	169	159	595	5,550	93	-10.4	181	11.0	185	9.7
Wisconsin	(4)	(4)	(4)	(4)	30,800	174,000	(4)	(4)	(4)	(4)	(4)	(4)
Wyoming	1,340	2,300	3,420	1,720	8,780	82,400	1,250	-7.4	3,040	31.7	2,430	-28.9

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	2015						2016					
	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	2,890	20,200	30,700	24,800	82,300	911,000	5,360	85.5	21,800	7.6	29,500	-4.1
Middle Atlantic	21,700	59,400	70,000	55,300	206,000	2,290,000	28,400	31.4	59,000	-0.7	64,500	-8.4
Midwest:												
East North Central	34,500	93,700	120,000	94,100	373,000	2,940,000	44,300	28.4	101,000	8.0	117,000	-2.6
West North Central	32,900	74,100	97,300	67,200	273,000	2,160,000	35,500	7.9	72,800	-1.8	87,800	-10.8
South:												
South Atlantic	61,100	88,400	93,000	82,200	325,000	4,150,000	79,900	30.8	97,300	10.1	98,400	5.5
East South Central	26,300	46,200	47,600	42,100	171,000	1,800,000	31,500	20.0	46,100	-0.1	47,000	-1.3
West South Central	78,300	87,600	101,000	86,600	353,000	3,120,000	88,700	13.4	88,300	0.8	91,800	-9.9
West:												
Mountain	42,300	68,800	76,300	56,900	247,000	2,090,000	42,200	-0.3	78,900	14.7	85,100	10.4
Pacific	45,500	58,000	66,800	56,900	227,000	2,500,000	44,800	-1.5	59,400	2.4	66,900	0.1
Total ⁵	384,000	611,000	698,000	579,000	2,270,000	22,100,000	446,000	16.2	645,000	5.5	687,000	-1.6

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	2015						2016					
	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)	45,200	460,000	(4)	(4)	(4)	(4)	(4)	(4)
Alaska	(4)	(4)	(4)	(4)	7,930	65,400	(4)	(4)	(4)	(4)	(4)	(4)
Arizona	11,900	14,300	13,200	11,400	50,700	485,000	11,000	-7.4	12,800	-10.6	13,200	0.0
Arkansas	7,890	9,000	9,480	9,470	35,800	312,000	9,010	14.2	10,500	16.8	9,900	4.5
California	29,000	33,400	38,500	34,100	135,000	1,630,000	26,300	-9.6	34,500	3.3	36,500	-5.1
Colorado	9,570	13,800	16,000	11,500	50,900	426,000	8,870	-7.4	13,600	-1.3	18,000	12.0
Connecticut	550	4,580	6,690	5,540	17,400	241,000	1,260	130.0	6,130	33.7	6,200	-7.5
Delaware	W	W	W	W	W	W	W	W	W	W	W	W
Florida	18,400	19,900	21,300	22,100	81,800	948,000	23,500	27.7	24,500	23.0	23,000	8.0
Georgia	11,000	14,700	15,100	13,500	54,200	675,000	14,500	31.9	17,200	17.0	16,600	10.4
Hawaii	(4)	(4)	(4)	(4)	6,430	128,000	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	2,370	4,320	6,540	3,640	16,900	132,000	2,300	-2.9	4,990	15.4	7,480	14.4
Illinois	6,770	21,700	26,200	20,200	74,900	709,000	6,830	0.9	19,800	-9.0	22,800	-13.2
Indiana	8,100	18,000	23,600	20,100	69,800	528,000	9,110	12.4	18,400	2.2	20,900	-11.4
Iowa	4,870	14,600	16,600	12,500	48,600	434,000	6,240	28.2	15,800	8.1	16,900	1.9
Kansas	4,680	7,890	8,450	6,980	28,000	217,000	5,150	10.0	7,290	-7.6	7,140	-15.5
Kentucky	8,860	18,600	18,200	16,600	62,300	566,000	8,750	-1.3	15,300	-17.8	17,100	-6.0
Louisiana	W	W	W	W	W	W	W	W	W	W	W	W
Maine	274	3,370	5,360	3,790	12,800	106,000	487	77.5	2,810	-16.5	4,460	-16.9
Maryland	3,790	8,480	9,880	7,400	29,600	318,000	4,150	9.4	7,260	-14.4	8,530	-13.7
Massachusetts	876	5,510	8,510	8,490	23,400	289,000	1,860	112.4	5,840	6.1	9,560	12.3
Michigan	5,860	23,300	33,000	22,200	84,300	566,000	8,640	47.4	29,600	26.7	34,300	4.1
Minnesota	2,150	15,100	26,100	12,500	55,800	370,000	2,210	2.9	17,900	18.7	27,900	7.0
Mississippi	1,890	3,190	3,660	2,850	11,600	137,000	2,400	27.4	3,840	20.5	4,150	13.3
Missouri	15,600	19,000	25,600	21,400	81,700	670,000	16,100	2.6	17,000	-10.3	18,300	-28.5
Montana	(4)	(4)	(4)	(4)	16,800	143,000	(4)	(4)	(4)	(4)	(4)	(4)
Nebraska	3,360	5,430	5,720	5,130	19,600	179,000	3,980	18.6	5,400	-0.7	5,570	-2.6
Nevada	3,320	5,160	8,510	8,390	25,400	208,000	5,230	57.6	9,720	88.4	13,900	63.1
New Hampshire	777	3,120	5,050	3,800	12,800	107,000	987	27.0	3,440	10.2	3,470	-31.2
New Jersey	3,590	8,270	9,420	7,860	29,100	279,000	4,280	19.2	7,920	-4.2	7,720	-18.1
New Mexico	4,620	5,790	6,640	4,690	21,700	198,000	3,930	-14.9	5,600	-3.2	5,500	-17.1
New York	6,360	22,600	28,200	21,900	79,000	851,000	10,300	61.2	23,000	1.8	26,500	-5.9
North Carolina	9,880	16,900	16,300	13,600	56,700	857,000	14,200	43.3	18,000	6.5	17,900	9.5
North Dakota	(4)	(4)	(4)	(4)	24,900	198,000	(4)	(4)	(4)	(4)	(4)	(4)
Ohio	8,590	23,900	31,000	26,600	90,100	816,000	12,500	45.0	25,500	6.4	30,000	-3.3
Oklahoma	9,980	12,000	13,300	11,900	47,100	378,000	11,800	17.8	11,700	-1.9	11,800	-11.1
Oregon	5,090	8,010	10,500	8,110	31,700	274,000	6,600	29.6	9,310	16.1	11,400	8.6
Pennsylvania	11,700	28,500	32,400	25,600	98,200	1,160,000	13,900	18.9	28,100	-1.7	30,300	-6.4
Rhode Island	(4)	(4)	(4)	(4)	5,870	70,800	(4)	(4)	(4)	(4)	(4)	(4)
South Carolina	6,140	8,440	8,830	7,960	31,400	309,000	8,880	44.6	10,300	22.1	10,100	14.9
South Dakota	1,490	4,790	4,950	2,860	14,100	87,900	1,420	-4.6	4,850	1.3	5,600	13.2
Tennessee	8,300	14,600	15,700	13,300	51,900	639,000	11,700	40.5	16,400	12.0	16,300	3.8
Texas	56,600	62,000	73,400	60,900	253,000	2,180,000	64,100	13.2	62,000	0.0	66,300	-9.7
Utah	6,370	15,000	13,100	10,400	44,900	361,000	6,000	-5.8	21,800	44.9	16,700	26.9
Vermont	291	2,900	4,440	2,520	10,200	98,000	541	86.0	3,000	3.4	5,160	16.1
Virginia	8,820	15,300	16,400	13,300	53,800	836,000	10,800	22.2	14,700	-4.2	15,900	-3.3
Washington	11,300	16,600	17,800	14,800	60,400	592,000	11,900	5.1	15,600	-6.1	18,900	6.4
West Virginia	2,650	3,840	4,380	3,640	14,500	169,000	3,520	32.6	4,630	20.6	5,500	25.6
Wisconsin	(4)	(4)	(4)	(4)	53,500	326,000	(4)	(4)	(4)	(4)	(4)	(4)
Wyoming	2,950	5,720	7,370	4,020	20,100	137,000	3,050	3.4	6,370	11.4	5,540	-24.8

W Withheld to avoid disclosing company proprietary data.

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