

# Mineral Industry Surveys

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## CRUSHED STONE AND SAND AND GRAVEL IN THE FOURTH QUARTER 2019

An estimated 360 million metric tons (Mt) of crushed stone was produced and shipped for consumption in the fourth quarter of 2019, a slight decrease compared with that of the same period of 2018. The estimated annual output of crushed stone produced for consumption in 2019 was 1.51 billion metric tons (Gt), an increase of 6% compared with that of 2018.

The estimated output of construction sand and gravel produced and shipped for consumption in the fourth quarter of 2019 was 230 Mt, a slight decrease compared with that of the same period of 2018. The estimated annual output of construction sand and gravel produced for consumption in 2019 was 960 Mt, a slight increase compared with that of 2018.

An estimated 591 Mt of total construction aggregates was produced and shipped for consumption in the fourth quarter of 2019, a slight decrease compared with that of the same period of 2018 (fig.1). The estimated annual output of construction aggregates produced for consumption in 2019 was 2.47 Gt, an increase of 5% compared with that of 2018 (fig.2).

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

Shipments of portland and blended cement increased slightly in the fourth quarter of 2019 compared with those of the fourth quarter of 2018. Annual consumption increased by 3% in 2019, compared with that of 2018. This information is 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. 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 fourth quarter of 2019 increased in five of the nine

geographic divisions compared with that sold or used in the fourth quarter of 2018. Production for consumption increased in 23 of the 45 States for which production estimates of crushed stone were made.

The estimated production for consumption of construction sand and gravel in the fourth quarter of 2019 increased from fourth quarter 2018 levels in only three of the nine geographic divisions. Production for consumption increased in 19 of the 42 States for which production estimates of construction sand and gravel were made.

The estimated production for consumption of construction aggregates in the fourth quarter of 2019 increased in five of the nine geographic divisions compared with that sold or used in the fourth quarter of 2018. In the fourth quarter, production for consumption increased in 17 of the 39 States for which production estimates of construction aggregates were made. The five leading States in the fourth quarter of 2019 were, in descending order of production, Texas, California, Ohio, Florida, and Missouri. Their combined total production for consumption was 179 Mt (30% of the U.S. total).

The estimated total annual production for consumption of construction aggregates in 2019 increased, compared with that in 2018, in 33 of the 50 States for which estimates were made. The five leading States were, in descending order of total annual output for 2019, Texas, California, Florida, Ohio, and Pennsylvania. Their combined total annual output was 740 Mt, an increase of 4% when compared with that of 2018.

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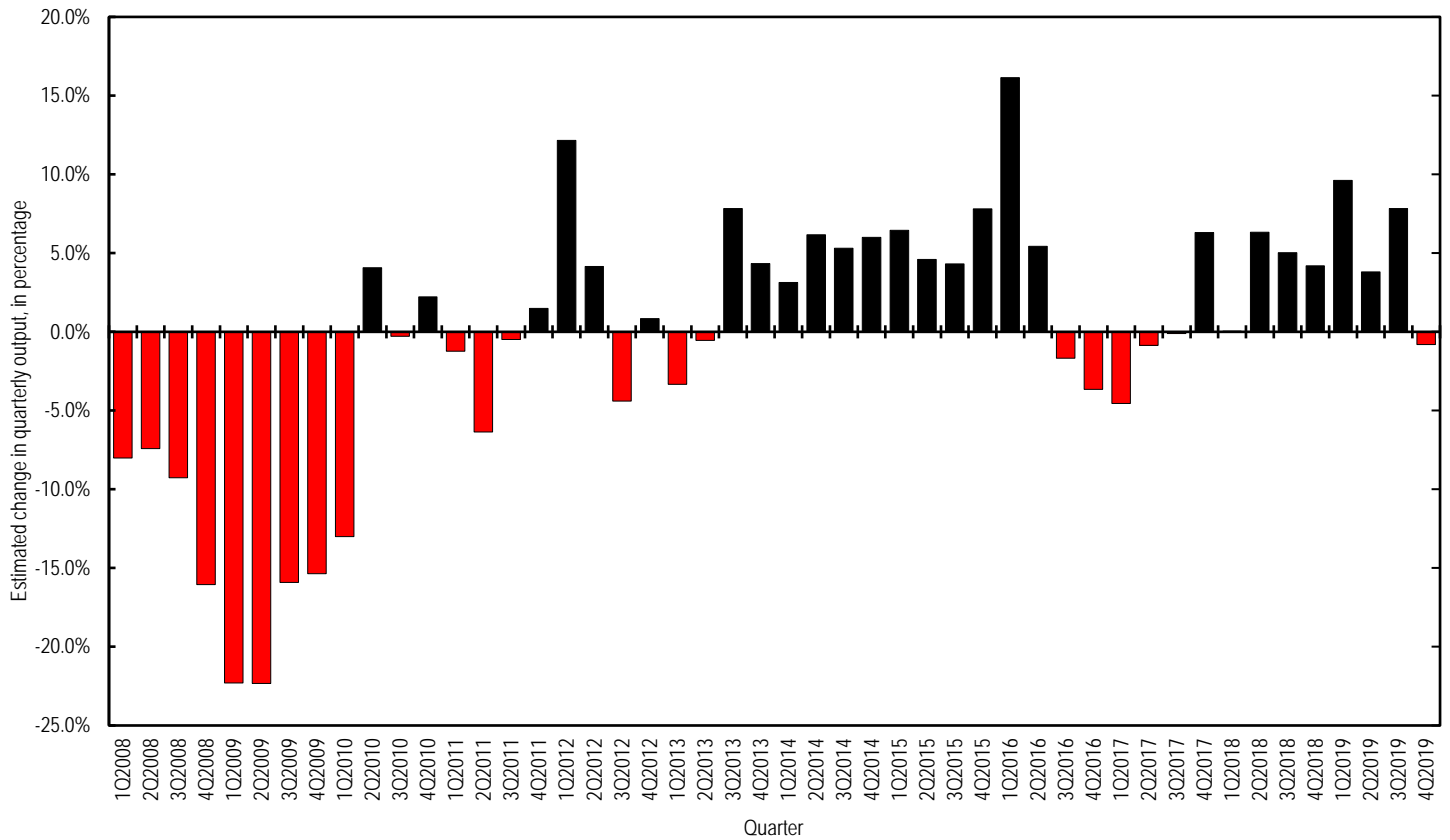


Figure 1. Percentage change of the amount of construction aggregates produced and shipped for consumption in the United States each quarter from 2008 through 2019. All comparisons are versus the same quarter of the prior year.

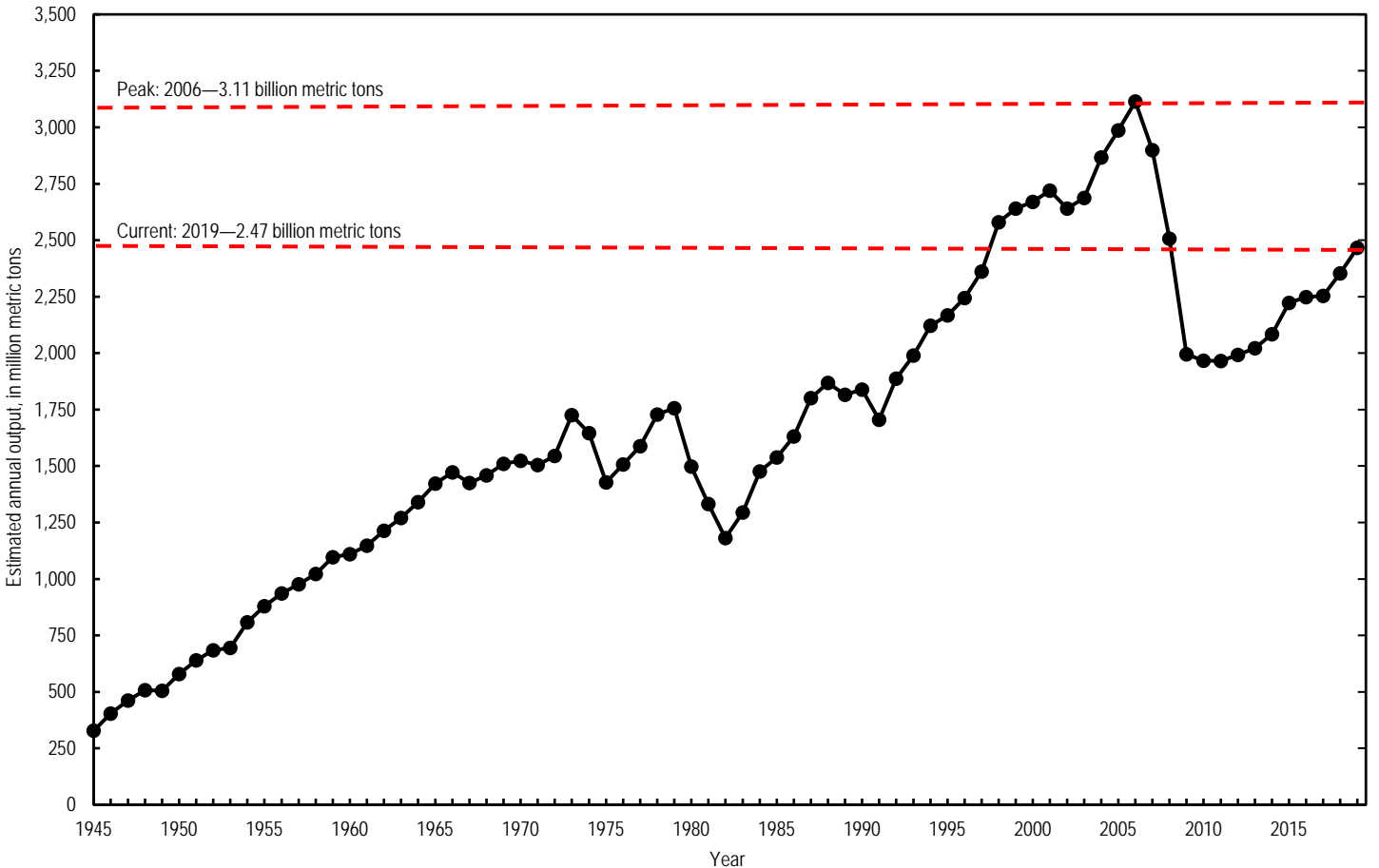


Figure 2. Estimated annual output of construction aggregates produced and shipped for consumption in the United States from 1945 through 2019.

TABLE 1  
CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION<sup>1</sup>

(Thousand metric tons and thousand dollars)

Region/Division <sup>2</sup>	2018					Value 1st–4th qtr. <sup>3</sup>
	Quantity					
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st–4th qtr. <sup>3</sup>	
<b>Northeast:</b>						
New England	2,620	12,500	14,100	10,400	39,700	509,000
Middle Atlantic	17,600	43,400	47,600	42,900	151,000	2,010,000
<b>Midwest:</b>						
East North Central	30,100	63,800	73,300	61,600	229,000	2,240,000
West North Central	19,600	41,000	43,600	30,400	135,000	1,290,000
<b>South:</b>						
South Atlantic	62,900	88,000	88,800	80,400	320,000	4,820,000
East South Central	25,100	39,500	41,200	38,700	144,000	1,690,000
West South Central	53,800	64,100	58,900	57,300	234,000	2,600,000
<b>West:</b>						
Mountain	13,500	17,000	18,200	14,000	69,600	590,000
Pacific	17,100	22,700	24,900	21,900	86,600	914,000
Total <sup>4</sup>	250,000	394,000	409,000	362,000	1,420,000	16,800,000

See footnotes at end of table.

TABLE 1—Continued  
 CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION<sup>1</sup>

(Thousand metric tons and thousand dollars)

Region/Division <sup>2</sup>	2019									
	Quantity 1st qtr.	Percent change <sup>5</sup>	Quantity 2d qtr.	Percent change <sup>5</sup>	Quantity 3d qtr.	Percent change <sup>5</sup>	Quantity 4th qtr.	Percent change <sup>5</sup>	Quantity 1st–4th qtr. <sup>3</sup>	Value 1st–4th qtr. <sup>3</sup>
<b>Northeast:</b>										
New England	2,560	-2.3	11,900	-5.3	13,500	-5.0	9,640	-8.3	37,500	489,000
Middle Atlantic	20,500	16.7	44,500	2.5	49,400	3.6	35,000	-22.6	149,000	2,050,000
<b>Midwest:</b>										
East North Central	30,400	1.0	63,000	-1.3	79,800	8.1	61,700	0.2	235,000	2,360,000
West North Central	19,900	1.4	46,600	13.8	52,300	16.5	40,300	24.6	160,000	1,560,000
<b>South:</b>										
South Atlantic	78,200	24.3	98,600	11.9	96,200	7.7	81,000	0.7	354,000	5,470,000
East South Central	31,700	26.5	42,300	7.2	46,400	11.2	38,600	-0.3	159,000	1,920,000
West South Central	58,800	9.2	63,700	-0.7	69,000	14.7	59,100	3.0	251,000	2,870,000
<b>West:</b>										
Mountain	14,200	5.2	19,500	14.4	19,400	6.4	16,100	13.2	76,400	669,000
Pacific	14,600	-15.1	22,800	0.8	25,600	2.9	21,400	-2.5	84,400	913,000
Total <sup>4</sup>	285,000	14.0	413,000	4.8	448,000	9.5	360,000	-0.4	1,510,000	18,400,000

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

<sup>2</sup>Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, MI, OH, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

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

<sup>4</sup>Includes all 50 States.

<sup>5</sup>Compared with same period of preceding year; all percentages are calculated using unrounded totals.

TABLE 2  
CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE<sup>1</sup>

(Thousand metric tons and thousand dollars)

State	2018					
	Quantity					Value
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. <sup>2</sup>	1st-4th qtr. <sup>2</sup>
Alabama	9,060	11,300	11,600	10,600	42,600	486,000
Alaska	(3)	(3)	(3)	(3)	525	11,100
Arizona	3,500	3,240	3,700	4,090	14,500	140,000
Arkansas	5,730	7,420	7,300	6,650	27,100	264,000
California	9,000	11,400	12,300	11,400	44,000	431,000
Colorado	2,780	4,100	4,190	3,250	14,300	143,000
Connecticut	751	2,700	3,240	2,650	9,330	150,000
Delaware	W	W	W	W	W	W
Florida	18,900	19,700	19,000	18,300	75,900	997,000
Georgia	11,000	14,900	16,000	13,100	55,000	881,000
Hawaii	(3)	(3)	(3)	(3)	5,190	117,000
Idaho	(3)	(3)	(3)	(3)	4,140	30,600
Illinois	4,770	14,200	18,600	16,200	53,700	601,000
Indiana	6,980	14,200	15,600	14,900	51,700	462,000
Iowa	3,690	11,300	12,300	8,670	36,000	416,000
Kansas	2,710	4,630	3,390	3,220	13,900	123,000
Kentucky	6,870	13,800	15,400	15,100	51,100	494,000
Louisiana	W	W	W	W	W	W
Maine	264	1,340	1,630	1,050	4,280	29,700
Maryland	1,790	7,180	8,390	7,910	25,300	315,000
Massachusetts	854	4,820	4,690	3,830	14,200	204,000
Michigan	4,060	11,100	13,400	8,740	37,400	251,000
Minnesota	141	2,290	4,000	1,910	8,340	116,000
Mississippi	358	634	562	493	2,050	64,000
Missouri	11,500	19,200	19,600	14,000	64,400	506,000
Montana	(3)	(3)	(3)	(3)	2,730	25,000
Nebraska	1,290	1,900	2,050	1,610	6,850	89,000
Nevada	2,250	2,590	2,670	1,420	8,940	77,700
New Hampshire	402	1,790	2,260	1,680	6,130	63,200
New Jersey	2,350	4,970	5,330	4,620	17,300	199,000
New Mexico	1,140	1,030	1,140	982	4,300	40,100
New York	4,020	11,900	14,000	12,200	42,100	543,000
North Carolina	12,100	18,200	17,000	14,800	62,200	1,090,000
North Dakota	(3)	(3)	(3)	(3)	435	2,680
Ohio	7,630	18,000	20,600	18,000	64,300	737,000
Oklahoma	8,320	10,000	9,410	10,000	37,800	370,000
Oregon	4,000	5,410	6,210	5,050	20,700	165,000
Pennsylvania	11,200	26,500	28,300	26,000	92,000	1,270,000
Rhode Island	225	770	743	550	2,290	25,400
South Carolina	6,290	8,210	7,860	6,710	29,100	378,000
South Dakota	294	1,670	2,300	975	5,240	40,000
Tennessee	8,770	13,700	13,700	12,400	48,600	646,000
Texas	39,200	46,000	41,500	39,900	167,000	1,900,000
Utah	1,910	3,190	3,100	2,140	10,300	80,100
Vermont	123	1,100	1,580	678	3,480	35,900
Virginia	9,510	14,700	14,000	13,200	51,400	897,000
Washington	4,150	5,880	6,380	5,510	21,900	318,000
West Virginia	3,180	4,880	6,450	6,200	20,700	240,000
Wisconsin	6,640	6,300	5,090	3,750	21,800	185,000
Wyoming	1,950	2,850	3,410	2,110	10,300	53,100
Total <sup>4</sup>	250,000	394,000	409,000	362,000	1,420,000	16,800,000

See footnotes at end of table.

TABLE 2—Continued  
CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE<sup>1</sup>

(Thousand metric tons and thousand dollars)

State	2019									
	Quantity 1st qtr.	Percent change <sup>5</sup>	Quantity 2d qtr.	Percent change <sup>5</sup>	Quantity 3d qtr.	Percent change <sup>5</sup>	Quantity 4th qtr.	Percent change <sup>5</sup>	Quantity 1st–4th qtr. <sup>2</sup>	Value 1st–4th qtr. <sup>2</sup>
Alabama	11,700	29.3	13,600	20.4	14,300	23.1	11,900	12.5	51,500	606,000
Alaska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	546	11,900
Arizona	2,820	-19.3	3,850	18.5	2,970	-19.6	3,560	-13.1	13,200	131,000
Arkansas	6,190	8.1	7,310	-1.5	7,950	8.9	7,000	5.2	28,400	286,000
California	7,300	-18.8	11,600	1.6	13,200	7.3	11,000	-3.5	43,000	434,000
Colorado	2,800	0.7	4,550	11.0	5,430	29.7	3,460	6.5	16,200	167,000
Connecticut	736	-2.0	2,800	3.9	3,120	-3.5	2,450	-7.8	9,100	151,000
Delaware	W	W	W	W	W	W	W	W	W	W
Florida	20,000	5.8	22,500	14.0	21,400	13.0	20,900	13.9	84,800	1,150,000
Georgia	13,700	24.5	16,900	13.1	16,900	5.7	13,500	3.3	61,000	1,010,000
Hawaii	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	5,400	125,000
Idaho	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	4,300	32,800
Illinois	5,300	11.1	13,700	-3.2	19,500	4.7	15,000	-6.9	53,500	617,000
Indiana	7,390	6.0	14,300	0.4	16,400	5.0	13,300	-10.9	51,300	473,000
Iowa	3,970	7.7	13,500	19.1	14,800	21.1	9,570	10.4	41,900	499,000
Kansas	2,500	-7.7	4,640	0.3	5,070	49.7	4,170	29.6	16,400	148,000
Kentucky	8,790	28.0	14,300	4.0	16,600	7.8	13,700	-9.4	53,400	531,000
Louisiana	W	W	W	W	W	W	W	W	W	W
Maine	222	-15.9	1,390	3.9	1,770	8.7	1,060	0.7	4,440	31,700
Maryland	5,480	205.4	9,280	29.3	9,420	12.4	7,790	-1.5	32,000	411,000
Massachusetts	742	-13.1	3,900	-19.2	4,160	-11.4	3,280	-14.5	12,100	179,000
Michigan	3,770	-7.3	10,800	-2.7	15,500	15.0	11,200	27.7	41,200	285,000
Minnesota	172	22.5	2,790	21.8	3,930	-1.8	1,840	-3.4	8,740	125,000
Mississippi	436	21.7	584	-7.9	551	-2.0	495	0.3	2,070	66,500
Missouri	11,600	1.0	21,500	12.1	25,100	27.9	21,500	53.4	79,800	646,000
Montana	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	2,840	26,700
Nebraska	1,450	12.4	2,730	43.7	2,240	9.4	1,810	12.9	8,240	110,000
Nevada	3,760	67.0	3,870	49.1	3,380	26.5	3,030	112.7	14,000	126,000
New Hampshire	556	38.1	2,030	13.4	2,380	5.2	1,490	-11.1	6,460	68,600
New Jersey	2,470	5.0	4,660	-6.3	5,410	1.5	4,600	-0.3	17,100	203,000
New Mexico	881	-23.0	1,030	-0.3	925	-18.7	1,170	18.7	4,000	38,500
New York	4,650	15.7	11,600	-2.2	14,000	-0.2	8,830	-27.7	39,100	519,000
North Carolina	15,200	25.5	19,100	4.6	17,900	5.7	14,100	-4.7	66,400	1,200,000
North Dakota	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	453	2,870
Ohio	8,640	13.2	17,900	-0.3	22,200	7.9	17,600	-2.2	66,400	785,000
Oklahoma	9,190	10.5	10,600	5.8	10,800	14.9	10,500	4.1	41,100	414,000
Oregon	3,750	-6.2	5,590	3.4	6,250	0.6	5,090	0.8	20,700	170,000
Pennsylvania	13,400	19.6	28,200	6.3	30,000	6.1	21,500	-17.3	93,100	1,320,000
Rhode Island	199	-11.5	634	-17.7	579	-22.1	514	-6.6	1,930	22,000
South Carolina	7,400	17.6	8,270	0.7	8,110	3.2	6,980	4.1	30,800	412,000
South Dakota	191	-35.1	1,490	-10.5	1,040	-54.6	1,420	45.9	4,150	32,700
Tennessee	10,800	22.7	13,800	0.2	15,000	9.8	12,400	-0.1	52,000	711,000
Texas	42,800	9.2	45,100	-2.0	49,600	19.5	40,900	2.5	178,000	2,100,000
Utah	1,800	-6.0	3,070	-3.6	3,860	24.5	3,060	42.6	11,800	94,100
Vermont	102	-16.5	1,100	-0.3	1,460	-7.4	855	26.2	3,520	37,400
Virginia	11,700	22.6	16,000	9.1	15,900	13.6	12,600	-4.5	56,200	1,010,000
Washington	3,510	-15.5	5,680	-3.3	6,180	-3.1	5,320	-3.4	20,700	309,000
West Virginia	4,620	45.3	6,320	29.5	6,310	-2.1	4,940	-20.4	22,200	265,000
Wisconsin	5,280	-20.4	6,230	-1.1	6,270	23.1	4,600	22.8	22,400	195,000
Wyoming	2,180	12.1	3,100	8.4	2,880	-15.8	1,860	-11.7	10,000	53,100
Total <sup>4</sup>	285,000	14.0	413,000	4.8	448,000	9.5	360,000	-0.4	1,510,000	18,400,000

W Withheld to avoid disclosing company proprietary data.

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

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

<sup>3</sup>State not included in quarterly survey.

<sup>4</sup>Includes all 50 States.

<sup>5</sup>Compared with same period of preceding year; all percentages are calculated using unrounded totals.

TABLE 3  
CONSTRUCTION SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN  
THE UNITED STATES, BY DIVISION<sup>1</sup>

(Thousand metric tons and thousand dollars)

Region/Division <sup>2</sup>	2018					
	Quantity					Value
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. <sup>3</sup>	1st-4th qtr. <sup>3</sup>
<b>Northeast:</b>						
New England	1,990	7,620	10,700	6,600	38,900	348,000
Middle Atlantic	7,160	14,600	16,000	14,100	51,800	537,000
<b>Midwest:</b>						
East North Central	11,600	35,400	42,000	30,600	147,000	1,090,000
West North Central	6,260	26,400	42,600	24,900	112,000	730,000
<b>South:</b>						
South Atlantic	13,600	17,900	18,200	16,100	66,200	651,000
East South Central	4,240	8,100	8,640	6,850	40,100	297,000
West South Central	29,200	33,700	31,700	30,600	125,000	1,360,000
<b>West:</b>						
Mountain	31,400	53,100	55,200	43,800	184,000	1,550,000
Pacific	31,100	44,700	48,800	41,900	166,000	1,950,000
<b>Total<sup>4</sup></b>	<b>160,000</b>	<b>260,000</b>	<b>283,000</b>	<b>234,000</b>	<b>937,000</b>	<b>8,570,000</b>

See footnotes at end of table.

TABLE 3—Continued  
 CONSTRUCTION SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION<sup>1</sup>

(Thousand metric tons and thousand dollars)

Region/Division <sup>2</sup>	2019									
	Quantity 1st qtr.	Percent change <sup>5</sup>	Quantity 2d qtr.	Percent change <sup>5</sup>	Quantity 3d qtr.	Percent change <sup>5</sup>	Quantity 4th qtr.	Percent change <sup>5</sup>	Quantity 1st–4th qtr. <sup>3</sup>	Value 1st–4th qtr. <sup>3</sup>
<b>Northeast:</b>										
New England	1,500	-25.0	7,180	-5.8	9,830	-8.7	6,410	-3.0	37,200	343,000
Middle Atlantic	7,890	10.2	15,200	4.3	16,600	3.7	12,400	-13.8	52,100	553,000
<b>Midwest:</b>										
East North Central	12,100	4.8	35,100	-0.8	46,100	8.9	31,900	4.0	153,000	1,160,000
West North Central	6,190	-1.2	33,400	26.8	46,800	9.1	26,800	7.2	125,000	826,000
<b>South:</b>										
South Atlantic	15,600	14.8	18,600	3.9	17,500	-3.6	14,700	-9.8	66,900	679,000
East South Central	4,920	15.9	8,380	3.5	9,560	9.6	7,340	6.7	42,700	324,000
West South Central	31,800	8.8	34,800	3.2	34,700	8.6	30,600	-0.1	132,000	1,470,000
<b>West:</b>										
Mountain	30,200	-4.0	53,800	1.4	57,000	3.2	43,700	-0.3	185,000	1,600,000
Pacific	27,400	-11.8	44,100	-1.3	50,100	2.5	40,700	-3.0	162,000	1,960,000
Total <sup>4</sup>	164,000	2.8	267,000	2.3	299,000	5.4	230,000	-1.5	960,000	8,970,000

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

<sup>2</sup>Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, MI, OH, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

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

<sup>4</sup>Includes all 50 States.

<sup>5</sup>Compared with same period of preceding year; all percentages are calculated using unrounded totals.



TABLE 4  
CONSTRUCTION SAND AND GRAVEL SOLD OR USED BY PRODUCERS  
IN THE UNITED STATES, BY STATE<sup>1</sup>

(Thousand metric tons and thousand dollars)

State	2018					
	Quantity					Value
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. <sup>2</sup>	1st-4th qtr. <sup>2</sup>
Alabama	(3)	(3)	(3)	(3)	12,200	98,400
Alaska	(3)	(3)	(3)	(3)	5,180	45,800
Arizona	12,700	14,200	14,300	14,600	55,900	545,000
Arkansas	1,450	1,970	1,870	1,680	6,970	68,000
California	21,100	29,500	31,600	26,900	109,000	1,440,000
Colorado	5,560	9,120	9,380	7,180	31,200	269,000
Connecticut	474	1,110	1,390	1,060	4,040	40,600
Delaware	520	843	788	803	2,950	28,900
Florida	5,260	5,820	5,470	4,760	21,300	244,000
Georgia	1,450	1,360	1,730	1,400	5,950	43,500
Hawaii	(3)	(3)	(3)	(3)	458	9,630
Idaho	1,760	5,950	6,090	5,030	18,800	116,000
Illinois	1,740	6,510	7,800	5,740	21,800	159,000
Indiana	2,270	4,980	5,910	5,330	18,500	141,000
Iowa	1,310	4,590	5,930	3,620	15,400	142,000
Kansas	1,700	3,420	2,880	2,360	10,400	58,700
Kentucky	1,240	2,470	2,740	2,510	8,960	44,300
Louisiana	3,180	3,520	3,050	2,960	12,700	152,000
Maine	571	2,780	3,860	2,520	9,730	78,200
Maryland	1,080	2,020	2,490	2,380	7,970	102,000
Massachusetts	(3)	(3)	(3)	(3)	9,600	92,500
Michigan	3,880	14,000	17,000	10,200	45,200	283,000
Minnesota	942	10,100	21,900	12,700	45,600	241,000
Mississippi	1,810	3,210	3,460	2,500	11,000	92,600
Missouri	1,440	2,370	2,580	1,990	8,390	65,400
Montana	708	3,620	4,560	2,720	11,600	96,800
Nebraska	(3)	(3)	(3)	(3)	11,900	91,900
Nevada	2,680	5,450	5,790	3,850	17,800	114,000
New Hampshire	724	2,370	3,360	2,250	8,710	73,400
New Jersey	1,860	3,240	3,330	3,030	11,500	93,700
New Mexico	1,950	2,470	2,380	1,600	8,400	83,400
New York	4,160	8,840	9,740	8,570	31,300	345,000
North Carolina	1,930	2,830	2,890	2,410	10,100	65,200
North Dakota	348	3,570	5,400	2,450	11,800	88,700
Ohio	3,680	9,920	11,200	9,290	34,100	308,000
Oklahoma	2,110	2,550	2,360	2,180	9,200	88,300
Oregon	2,940	3,720	4,830	3,850	15,300	153,000
Pennsylvania	1,140	2,480	2,940	2,530	9,090	97,800
Rhode Island	(3)	(3)	(3)	(3)	2,400	30,500
South Carolina	1,760	2,740	2,820	2,420	9,740	63,800
South Dakota	520	2,320	3,910	1,750	8,510	41,500
Tennessee	1,200	2,420	2,440	1,830	7,890	61,900
Texas	22,500	25,700	24,400	23,800	96,300	1,050,000
Utah	5,020	9,800	9,430	7,010	31,300	249,000
Vermont	225	1,350	2,070	774	4,410	32,500
Virginia	1,550	2,250	1,990	1,940	7,720	99,200
Washington	7,040	11,400	12,400	11,100	42,000	360,000
West Virginia	(3)	(3)	(3)	(3)	511	4,460
Wisconsin	(3)	(3)	(3)	(3)	27,700	194,000
Wyoming	1,030	2,440	3,250	1,870	8,600	80,200
Total <sup>4</sup>	160,000	260,000	283,000	234,000	937,000	8,570,000

See footnotes at end of table.

TABLE 4—Continued  
CONSTRUCTION SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE<sup>1</sup>

(Thousand metric tons and thousand dollars)

State	2019									
	Quantity 1st qtr.	Percent change <sup>5</sup>	Quantity 2d qtr.	Percent change <sup>5</sup>	Quantity 3d qtr.	Percent change <sup>5</sup>	Quantity 4th qtr.	Percent change <sup>5</sup>	Quantity 1st–4th qtr. <sup>2</sup>	Value 1st–4th qtr. <sup>2</sup>
Alabama	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	12,500	103,000
Alaska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	5,290	48,100
Arizona	12,500	-1.7	15,500	9.2	13,300	-7.4	12,800	-11.9	54,200	544,000
Arkansas	1,360	-6.4	1,610	-18.3	1,820	-2.7	1,640	-2.1	6,430	64,600
California	17,600	-16.7	28,300	-4.0	32,900	4.0	26,900	0.2	106,000	1,430,000
Colorado	4,360	-21.6	8,510	-6.7	10,300	10.2	6,800	-5.3	30,000	266,000
Connecticut	236	-50.2	968	-13.1	1,160	-16.5	1,200	13.5	3,570	36,900
Delaware	611	17.4	818	-2.9	707	-10.4	598	-25.5	2,730	27,600
Florida	5,170	-1.7	5,390	-7.5	5,090	-6.8	5,570	17.0	21,200	250,000
Georgia	1,550	6.6	1,770	30.0	1,610	-6.8	1,450	3.2	6,380	48,000
Hawaii	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	467	10,100
Idaho	2,840	61.8	6,360	7.0	6,430	5.6	5,090	1.1	20,700	131,000
Illinois	1,570	-9.9	5,880	-9.7	8,510	9.0	5,610	-2.3	21,600	162,000
Indiana	2,960	30.6	5,560	11.8	6,450	9.0	4,900	-8.1	19,900	156,000
Iowa	1,300	-0.8	4,800	4.7	6,040	2.0	3,650	0.8	15,800	150,000
Kansas	1,600	-6.0	8,290	142.4	9,140	217.5	7,200	205.2	26,200	153,000
Kentucky	1,240	-0.1	2,690	9.0	3,410	24.2	3,040	21.1	10,400	52,800
Louisiana	2,930	-7.7	2,730	-22.4	2,610	-14.3	2,940	-0.4	11,200	138,000
Maine	252	-55.9	2,390	-14.0	3,380	-12.4	2,030	-19.3	8,060	66,700
Maryland	1,610	48.9	2,500	23.6	2,290	-8.0	1,920	-19.4	8,320	110,000
Massachusetts	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	9,800	97,200
Michigan	3,690	-5.0	13,800	-1.4	18,900	11.1	12,100	18.4	48,500	314,000
Minnesota	1,170	24.2	13,100	29.4	22,400	2.4	9,940	-21.7	46,500	254,000
Mississippi	2,140	18.2	3,470	8.1	3,760	8.6	2,470	-1.1	11,800	103,000
Missouri	1,510	5.0	2,680	12.8	2,860	10.8	2,400	20.3	9,460	75,900
Montana	653	-7.8	3,850	6.5	4,490	-1.6	2,270	-16.5	11,300	96,700
Nebraska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	12,200	96,600
Nevada	2,890	7.8	5,820	6.8	6,460	11.5	4,340	12.7	19,500	129,000
New Hampshire	880	21.6	2,510	5.7	3,230	-3.8	2,020	-10.4	8,630	75,000
New Jersey	1,940	4.2	3,490	7.9	3,680	10.7	3,500	15.8	12,600	106,000
New Mexico	1,360	-29.9	1,970	-20.2	1,910	-19.9	1,820	13.8	7,070	72,300
New York	4,640	11.5	9,080	2.8	10,100	3.9	7,090	-17.3	30,900	351,000
North Carolina	2,410	24.5	2,980	5.2	2,760	-4.4	1,620	-32.8	9,770	65,200
North Dakota	252	-27.5	1,950	-45.4	3,380	-37.5	1,780	-27.2	7,360	57,100
Ohio	3,900	6.1	9,890	-0.3	12,200	8.7	9,250	-0.5	35,200	328,000
Oklahoma	2,160	2.2	2,860	12.1	3,190	35.2	2,760	26.5	11,000	108,000
Oregon	2,880	-2.1	4,300	15.6	5,110	5.9	4,160	8.0	16,500	169,000
Pennsylvania	1,310	15.2	2,600	4.9	2,830	-3.7	1,820	-28.1	8,560	94,900
Rhode Island	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	2,450	32,000
South Carolina	2,400	35.9	2,840	3.7	2,750	-2.6	1,680	-30.4	9,670	65,200
South Dakota	352	-32.3	2,660	14.8	3,010	-23.2	1,830	4.4	7,850	39,500
Tennessee	1,540	29.0	2,230	-8.1	2,390	-1.7	1,830	-0.4	7,990	64,500
Texas	25,300	12.7	27,600	7.5	27,100	10.9	23,300	-2.3	103,000	1,160,000
Utah	4,520	-10.0	9,000	-8.2	10,800	14.3	8,490	21.1	32,800	269,000
Vermont	128	-43.0	1,300	-3.1	2,050	-0.7	1,160	49.9	4,650	35,200
Virginia	1,820	17.7	2,270	0.7	2,320	17.0	1,840	-4.9	8,250	109,000
Washington	6,970	-1.0	11,400	0.1	12,100	-2.5	9,550	-14.3	40,000	353,000
West Virginia	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	521	4,690
Wisconsin	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	28,200	204,000
Wyoming	1,040	1.3	2,760	12.9	3,350	3.0	2,080	10.8	9,230	88,600
Total <sup>4</sup>	164,000	2.8	267,000	2.3	299,000	5.4	230,000	-1.5	960,000	8,970,000

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

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

<sup>3</sup>State not included in quarterly survey.

<sup>4</sup>Includes all 50 States.

<sup>5</sup>Compared with same period of preceding year; all percentages are calculated using unrounded totals.

TABLE 5  
 CONSTRUCTION AGGREGATES SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION<sup>1</sup>

(Thousand metric tons and thousand dollars)

Region/Division <sup>2</sup>	2018					Value 1st–4th qtr. <sup>3</sup>
	Quantity					
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st–4th qtr. <sup>3</sup>	
<b>Northeast:</b>						
New England	4,610	20,100	24,800	17,000	78,600	856,000
Middle Atlantic	24,700	57,900	63,600	57,000	203,000	2,550,000
<b>Midwest:</b>						
East North Central	41,700	99,200	115,000	92,200	376,000	3,320,000
West North Central	25,900	67,400	86,200	55,300	247,000	2,020,000
<b>South:</b>						
South Atlantic	76,500	106,000	107,000	96,600	386,000	5,470,000
East South Central	29,300	47,600	49,800	45,500	184,000	1,990,000
West South Central	83,000	97,800	90,500	87,900	359,000	3,960,000
<b>West:</b>						
Mountain	45,000	70,100	73,400	57,800	253,000	2,140,000
Pacific	48,200	67,300	73,700	63,800	253,000	2,860,000
Total <sup>4</sup>	410,000	655,000	692,000	596,000	2,350,000	25,400,000

See footnotes at end of table.

TABLE 5—Continued  
 CONSTRUCTION AGGREGATES SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION<sup>1</sup>

(Thousand metric tons and thousand dollars)

Region/Division <sup>2</sup>	2019									
	Quantity 1st qtr.	Percent change <sup>5</sup>	Quantity 2d qtr.	Percent change <sup>5</sup>	Quantity 3d qtr.	Percent change <sup>5</sup>	Quantity 4th qtr.	Percent change <sup>5</sup>	Quantity 1st–4th qtr. <sup>3</sup>	Value 1st–4th qtr. <sup>3</sup>
<b>Northeast:</b>										
New England	4,050	-12.1	19,000	-5.5	23,300	-6.5	16,100	-6.2	74,700	832,000
Middle Atlantic	28,400	14.8	59,700	3.0	66,000	3.6	47,400	-20.3	201,000	2,600,000
<b>Midwest:</b>										
East North Central	42,500	2.0	98,100	-1.1	126,000	8.4	93,600	1.5	388,000	3,520,000
West North Central	26,100	0.8	80,100	18.9	99,100	13.0	67,200	17.7	285,000	2,390,000
<b>South:</b>										
South Atlantic	93,800	22.6	117,000	10.6	114,000	6.0	95,700	-0.9	421,000	6,150,000
East South Central	36,600	25.0	50,700	6.6	55,900	10.9	45,900	0.8	202,000	2,240,000
West South Central	90,500	9.0	98,400	0.6	104,000	12.7	89,700	2.0	382,000	4,340,000
<b>West:</b>										
Mountain	44,400	-1.2	73,300	4.6	76,500	4.0	59,800	3.3	261,000	2,270,000
Pacific	42,000	-13.0	66,900	-0.6	75,700	2.6	62,000	-2.8	247,000	2,870,000
Total <sup>4</sup>	450,000	9.6	680,000	3.8	747,000	7.8	591,000	-0.8	2,470,000	27,400,000

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

<sup>2</sup>Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, MI, OH, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

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

<sup>4</sup>Includes all 50 States.

<sup>5</sup>Compared with same period of preceding year; all percentages are calculated using unrounded totals.

TABLE 6  
CONSTRUCTION AGGREGATES SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE<sup>1</sup>

(Thousand metric tons and thousand dollars)

State	2018					
	Quantity					Value
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. <sup>2</sup>	1st-4th qtr. <sup>2</sup>
Alabama	(3)	(3)	(3)	(3)	54,800	585,000
Alaska	(3)	(3)	(3)	(3)	5,710	56,900
Arizona	16,200	17,500	18,000	18,700	70,400	685,000
Arkansas	7,180	9,390	9,170	8,330	34,100	332,000
California	30,100	40,900	43,900	38,200	153,000	1,870,000
Colorado	8,340	13,200	13,600	10,400	45,600	412,000
Connecticut	1,220	3,810	4,630	3,710	13,400	191,000
Delaware	W	W	W	W	W	W
Florida	24,200	25,500	24,400	23,100	97,200	1,240,000
Georgia	12,500	16,300	17,700	14,500	61,000	924,000
Hawaii	(3)	(3)	(3)	(3)	5,650	126,000
Idaho	(3)	(3)	(3)	(3)	23,000	146,000
Illinois	6,510	20,700	26,400	21,900	75,500	760,000
Indiana	9,240	19,200	21,500	20,200	70,200	603,000
Iowa	5,000	15,900	18,200	12,300	51,400	558,000
Kansas	4,410	8,050	6,270	5,580	24,300	181,000
Kentucky	8,110	16,200	18,100	17,600	60,100	539,000
Louisiana	W	W	W	W	W	W
Maine	835	4,120	5,500	3,570	14,000	108,000
Maryland	2,870	9,200	10,900	10,300	33,200	417,000
Massachusetts	(3)	(3)	(3)	(3)	23,800	297,000
Michigan	7,950	25,100	30,500	19,000	82,500	534,000
Minnesota	1,080	12,400	25,900	14,600	53,900	357,000
Mississippi	2,170	3,840	4,020	2,990	13,000	157,000
Missouri	12,900	21,500	22,200	16,000	72,700	571,000
Montana	(3)	(3)	(3)	(3)	14,300	122,000
Nebraska	(3)	(3)	(3)	(3)	18,800	181,000
Nevada	4,930	8,050	8,470	5,270	26,700	192,000
New Hampshire	1,130	4,160	5,620	3,930	14,800	137,000
New Jersey	4,210	8,210	8,650	7,640	28,700	293,000
New Mexico	3,090	3,510	3,520	2,580	12,700	124,000
New York	8,180	20,700	23,700	20,800	73,400	889,000
North Carolina	14,100	21,100	19,900	17,200	72,200	1,160,000
North Dakota	(3)	(3)	(3)	(3)	12,200	91,300
Ohio	11,300	27,900	31,900	27,300	98,400	1,050,000
Oklahoma	10,400	12,600	11,800	12,200	47,000	459,000
Oregon	6,930	9,130	11,000	8,900	36,000	318,000
Pennsylvania	12,300	29,000	31,200	28,600	101,000	1,370,000
Rhode Island	(3)	(3)	(3)	(3)	4,690	55,900
South Carolina	8,060	11,000	10,700	9,130	38,800	442,000
South Dakota	814	3,990	6,220	2,730	13,700	81,500
Tennessee	9,970	16,100	16,100	14,300	56,500	708,000
Texas	61,700	71,700	65,900	63,700	263,000	2,960,000
Utah	6,930	13,000	12,500	9,160	41,600	329,000
Vermont	347	2,450	3,640	1,450	7,890	68,400
Virginia	11,100	16,900	16,000	15,100	59,100	996,000
Washington	11,200	17,300	18,800	16,700	63,900	678,000
West Virginia	(3)	(3)	(3)	(3)	21,200	244,000
Wisconsin	(3)	(3)	(3)	(3)	49,500	379,000
Wyoming	2,980	5,300	6,670	3,980	18,900	133,000
Total <sup>4</sup>	410,000	655,000	692,000	596,000	2,350,000	25,400,000

See footnotes at end of table.

TABLE 6—Continued  
CONSTRUCTION AGGREGATES SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE<sup>1</sup>

(Thousand metric tons and thousand dollars)

State	2019									
	Quantity 1st qtr.	Percent change <sup>5</sup>	Quantity 2d qtr.	Percent change <sup>5</sup>	Quantity 3d qtr.	Percent change <sup>5</sup>	Quantity 4th qtr.	Percent change <sup>5</sup>	Quantity 1st–4th qtr. <sup>2</sup>	Value 1st–4th qtr. <sup>2</sup>
Alabama	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	64,000	710,000
Alaska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	5,830	60,000
Arizona	15,400	-5.5	19,400	11.0	16,200	-9.9	16,400	-12.2	67,400	675,000
Arkansas	7,550	5.1	8,920	-5.0	9,770	6.6	8,640	3.8	34,900	350,000
California	24,900	-17.4	39,900	-2.4	46,000	4.9	37,900	-0.9	149,000	1,870,000
Colorado	7,160	-14.2	13,100	-1.2	15,800	16.2	10,300	-1.6	46,200	433,000
Connecticut	972	-20.7	3,770	-1.1	4,290	-7.4	3,650	-1.8	12,700	188,000
Delaware	W	W	W	W	W	W	W	W	W	W
Florida	25,200	4.1	27,900	9.1	26,500	8.5	26,500	14.5	106,000	1,400,000
Georgia	15,300	22.4	18,700	14.6	18,500	4.5	15,000	3.3	67,400	1,050,000
Hawaii	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	5,870	135,000
Idaho	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	25,000	164,000
Illinois	6,870	5.5	19,600	-5.3	28,000	6.0	20,700	-5.7	75,100	779,000
Indiana	10,400	12.0	19,900	3.4	22,800	6.1	18,200	-10.2	71,200	629,000
Iowa	5,270	5.5	18,300	14.9	20,900	14.9	13,200	7.6	57,700	648,000
Kansas	4,100	-7.0	12,900	60.7	14,200	126.8	11,400	103.9	42,600	301,000
Kentucky	10,000	23.7	17,000	4.8	20,000	10.3	16,700	-5.1	63,700	584,000
Louisiana	W	W	W	W	W	W	W	W	W	W
Maine	473	-43.3	3,780	-8.2	5,160	-6.1	3,090	-13.4	12,500	98,500
Maryland	7,090	146.6	11,800	28.1	11,700	7.7	9,710	-5.7	40,300	521,000
Massachusetts	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	21,900	276,000
Michigan	7,460	-6.2	24,600	-2.0	34,400	12.8	23,300	22.7	89,800	599,000
Minnesota	1,340	24.0	15,800	28.0	26,300	1.8	11,800	-19.3	55,300	379,000
Mississippi	2,570	18.8	4,050	5.4	4,310	7.1	2,970	-0.9	13,900	169,000
Missouri	13,100	1.5	24,200	12.2	28,000	25.9	23,900	49.3	89,200	722,000
Montana	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	14,100	123,000
Nebraska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	20,400	207,000
Nevada	6,650	34.9	9,690	20.5	9,840	16.2	7,370	39.7	33,500	255,000
New Hampshire	1,440	27.5	4,540	9.0	5,610	-0.2	3,510	-10.7	15,100	144,000
New Jersey	4,410	4.6	8,150	-0.7	9,090	5.1	8,110	6.1	29,800	310,000
New Mexico	2,250	-27.3	3,000	-14.3	2,830	-19.5	2,980	15.7	11,100	111,000
New York	9,290	13.6	20,700	-0.1	24,100	1.5	15,900	-23.4	70,000	871,000
North Carolina	17,600	25.4	22,100	4.7	20,700	4.2	15,800	-8.6	76,200	1,270,000
North Dakota	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	7,810	60,000
Ohio	12,500	10.9	27,800	-0.3	34,500	8.2	26,900	-1.6	102,000	1,110,000
Oklahoma	11,300	8.8	13,500	7.0	14,000	19.0	13,200	8.1	52,000	523,000
Oregon	6,630	-4.5	9,890	8.3	11,400	2.9	9,250	3.9	37,100	339,000
Pennsylvania	14,700	19.2	30,800	6.2	32,800	5.2	23,400	-18.3	102,000	1,420,000
Rhode Island	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	4,380	54,000
South Carolina	9,800	21.7	11,100	1.4	10,900	1.7	8,670	-5.1	40,400	478,000
South Dakota	543	-33.3	4,160	4.2	4,050	-34.8	3,250	19.2	12,000	72,100
Tennessee	12,300	23.5	16,000	-1.0	17,400	8.0	14,200	-0.1	60,000	776,000
Texas	68,100	10.5	72,700	1.4	76,600	16.3	64,100	0.7	282,000	3,260,000
Utah	6,310	-8.9	12,100	-7.0	14,600	16.9	11,500	26.1	44,600	363,000
Vermont	230	-33.7	2,400	-1.9	3,510	-3.6	2,020	38.8	8,160	72,600
Virginia	13,500	21.9	18,300	8.0	18,300	14.0	14,400	-4.6	64,400	1,120,000
Washington	10,500	-6.4	17,100	-1.1	18,300	-2.7	14,900	-10.7	60,700	663,000
West Virginia	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	22,700	270,000
Wisconsin	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	50,600	400,000
Wyoming	3,220	8.4	5,850	10.5	6,230	-6.6	3,940	-1.1	19,200	142,000
Total <sup>4</sup>	450,000	9.6	680,000	3.8	747,000	7.8	591,000	-0.8	2,470,000	27,400,000

W Withheld to avoid disclosing company proprietary data.

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

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

<sup>3</sup>State not included in quarterly survey.

<sup>4</sup>Includes all 50 States.

<sup>5</sup>Compared with same period of preceding year; all percentages are calculated using unrounded totals.