

Mineral Industry Surveys

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CRUSHED STONE AND SAND AND GRAVEL IN THE FOURTH QUARTER 2021

An estimated 397 million metric tons (Mt) of crushed stone was produced and shipped for consumption in the fourth quarter of 2021, an increase of 8% compared with that of the same period of 2020. The estimated annual output of crushed stone produced for consumption in 2021 was 1.54 billion metric tons (Gt), an increase of 4% compared with that of 2020 (table 1).

The estimated output of construction sand and gravel produced and shipped for consumption in the fourth quarter of 2021 was 250 Mt, an increase of 5% compared with that of the same period of 2020. The estimated annual output of construction sand and gravel produced for consumption in 2021 was 1.00 Gt, an increase of 6% compared with that of 2020 (table 3).

An estimated 647 Mt of total construction aggregates was produced and shipped for consumption in the fourth quarter of 2021, an increase of 7% compared with that of the same period of 2020. The estimated annual output of construction aggregates produced for consumption in 2021 was 2.54 Gt, an increase of 5% compared with that of 2020 (table 5).

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 by 4% in the fourth quarter of 2021 compared with that in fourth quarter of 2020. Annual consumption increased by 4% in 2021, compared with that of 2020. 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 2021 increased in eight of the nine geographic divisions compared with that sold or used in the fourth quarter of 2020 (table 1). Production for consumption increased in 37 of the 45 States for which production estimates of crushed stone were made (table 2).

The estimated production for consumption of construction sand and gravel in the fourth quarter of 2021 increased from fourth quarter 2020 levels in eight of the nine geographic divisions (table 3). Production for consumption increased in 34 of the 43 States for which production estimates of construction sand and gravel were made (table 4).

The estimated production for consumption of construction aggregates in the fourth quarter of 2021 increased in eight of the nine geographic divisions compared with that sold or used in the fourth quarter of 2020 (table 5). In the fourth quarter, production for consumption increased in 35 of the 40 States for which production estimates of construction aggregates were made. The five leading States in the fourth quarter of 2021 were, in descending order of production, Texas, Missouri, California, Florida, and Ohio. Their combined total production for consumption was 200 Mt (31% of the U.S. total) (table 6).

The estimated total annual production for consumption of construction aggregates in 2021 increased compared with that in 2020, in 38 of the 50 States for which estimates were made. The five leading States were, in descending order of total annual output for 2021, Texas, California, Missouri, Florida, and Ohio. Their combined total annual output was 780 Mt, an 4% increase compared with that of 2020 (table 6).

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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	2020					Value 1st-4th qtr. ³
	Quantity				1st-4th qtr. ³	
	1st qtr.	2d qtr.	3d qtr.	4th qtr.		
Northeast:						
New England	3,070	10,500	12,200	8,700	34,500	462,000
Middle Atlantic	20,800	33,100	42,900	33,000	130,000	1,800,000
Midwest:						
East North Central	36,300	63,900	77,200	59,900	237,000	2,370,000
West North Central	24,300	55,300	57,700	48,600	186,000	1,780,000
South:						
South Atlantic	73,700	86,500	86,700	81,300	328,000	5,190,000
East South Central	27,700	40,000	40,300	38,200	146,000	1,790,000
West South Central	59,000	65,400	62,200	59,400	246,000	2,910,000
West:						
Mountain	14,300	20,800	19,000	15,600	77,700	696,000
Pacific	17,200	20,000	23,000	21,600	81,800	875,000
Total ⁴	288,000	401,000	419,000	366,000	1,470,000	18,000,000

See footnotes at end of table.

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

(Thousand metric tons and thousand dollars)

Region/Division ²	2021									
	Quantity 1st qtr.	Percent change ⁵	Quantity 2d qtr.	Percent change ⁵	Quantity 3d qtr.	Percent change ⁵	Quantity 4th qtr.	Percent change ⁵	Quantity 1st–4th qtr. ³	Value 1st–4th qtr. ³
Northeast:										
New England	2,310	-24.7	9,720	-7.7	10,700	-13.0	8,930	2.7	31,600	433,000
Middle Atlantic	20,000	-3.8	42,700	28.7	43,800	2.1	36,700	11.2	143,000	2,060,000
Midwest:										
East North Central	33,300	-8.5	64,700	1.3	75,900	-1.6	64,200	7.2	238,000	2,480,000
West North Central	28,800	18.2	54,900	-0.8	61,400	6.4	54,300	11.7	200,000	1,960,000
South:										
South Atlantic	77,700	5.4	94,300	9.1	89,700	3.4	87,200	7.2	349,000	5,750,000
East South Central	30,900	11.5	42,500	6.0	41,900	3.9	41,300	8.0	156,000	1,990,000
West South Central	54,800	-7.0	61,400	-6.1	68,300	9.7	63,200	6.5	248,000	3,040,000
West:										
Mountain	13,900	-2.9	18,900	-9.2	20,200	6.2	17,500	12.4	78,800	732,000
Pacific	18,400	7.3	23,300	16.3	24,800	8.0	21,200	-1.6	87,800	979,000
Total ⁴	289,000	0.4	415,000	3.5	437,000	4.2	397,000	8.2	1,540,000	19,600,000

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 (CA, OR, WA).

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

⁴Includes all 50 States.

⁵Compared 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 STATE¹

(Thousand metric tons and thousand dollars)

State	2020					Value 1st-4th qtr. ²
	Quantity				1st-4th qtr. ²	
	1st qtr.	2d qtr.	3d qtr.	4th qtr.		
Alabama	9,420	11,800	11,500	11,700	44,500	522,000
Alaska	(3)	(3)	(3)	(3)	1,450	30,600
Arizona	2,900	3,570	3,490	3,070	13,000	122,000
Arkansas	7,050	8,410	8,840	8,550	32,900	333,000
California	10,300	11,700	13,400	12,800	48,200	488,000
Colorado	3,460	5,600	5,450	3,710	18,200	196,000
Connecticut	834	2,650	2,990	2,290	8,770	144,000
Delaware	W	W	W	W	W	W
Florida	23,600	23,500	22,800	22,300	92,000	1,260,000
Georgia	12,300	16,000	16,100	15,200	59,600	1,040,000
Hawaii	(3)	(3)	(3)	(3)	4,870	118,000
Idaho	(3)	(3)	(3)	(3)	5,200	37,800
Illinois	5,850	15,100	17,500	12,200	50,600	560,000
Indiana	7,910	13,600	15,200	12,100	48,700	474,000
Iowa	5,910	13,200	12,400	9,770	41,300	491,000
Kansas	3,180	4,320	4,820	4,350	16,700	150,000
Kentucky	8,650	13,800	14,500	13,400	50,300	505,000
Louisiana	W	W	W	W	W	W
Maine	300	1,430	1,670	1,080	4,480	43,100
Maryland	5,090	7,240	6,970	6,540	25,800	334,000
Massachusetts	1,070	3,300	3,680	2,900	11,000	160,000
Michigan	5,670	11,300	14,500	11,000	42,500	299,000
Minnesota	385	3,090	3,270	1,600	8,340	119,000
Mississippi	345	428	528	444	1,750	57,800
Missouri	12,500	29,700	31,700	28,700	103,000	820,000
Montana	(3)	(3)	(3)	(3)	2,840	25,400
Nebraska	1,710	2,330	2,570	2,280	8,890	128,000
Nevada	2,340	2,480	2,870	3,020	10,700	101,000
New Hampshire	479	1,340	1,510	930	4,260	45,800
New Jersey	2,970	4,440	4,670	4,240	16,300	187,000
New Mexico	1,210	1,770	1,050	1,070	5,110	51,300
New York	4,810	9,110	12,100	8,410	34,400	472,000
North Carolina	11,400	14,000	14,200	13,600	53,200	1,020,000
North Dakota	(3)	(3)	(3)	(3)	339	2,550
Ohio	10,100	17,600	21,900	17,800	67,400	800,000
Oklahoma	9,610	10,800	9,660	8,320	38,400	378,000
Oregon	4,090	5,470	5,310	5,170	20,000	181,000
Pennsylvania	13,000	19,600	26,200	20,400	79,100	1,140,000
Rhode Island	181	415	355	508	1,460	16,700
South Carolina	6,190	7,240	7,390	6,840	27,700	390,000
South Dakota	634	2,650	2,890	1,860	8,030	68,300
Tennessee	9,260	14,000	13,700	12,700	49,700	707,000
Texas	41,700	45,600	43,100	42,000	172,000	2,140,000
Utah	2,320	3,960	3,320	3,240	12,800	105,000
Vermont	208	1,390	2,030	989	4,630	52,100
Virginia	12,500	15,200	15,500	14,000	57,100	981,000
Washington	2,760	2,910	4,310	3,570	13,500	206,000
West Virginia	2,620	3,230	3,640	2,830	12,300	151,000
Wisconsin	6,840	6,270	8,110	6,870	28,100	242,000
Wyoming	2,080	3,380	2,810	1,480	9,760	56,600
Total ⁴	288,000	401,000	419,000	366,000	1,470,000	18,000,000

See footnotes at end of table.

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

(Thousand metric tons and thousand dollars)

State	2021									
	Quantity 1st qtr.	Percent change ⁵	Quantity 2d qtr.	Percent change ⁵	Quantity 3d qtr.	Percent change ⁵	Quantity 4th qtr.	Percent change ⁵	Quantity 1st–4th qtr. ²	Value 1st–4th qtr. ²
Alabama	10,800	14.8	13,600	15.4	13,300	15.6	12,900	10.0	50,600	619,000
Alaska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	1,500	32,800
Arizona	3,490	20.5	3,430	-3.9	3,680	5.5	3,400	10.7	14,000	136,000
Arkansas	7,140	1.3	9,180	9.1	9,990	13.0	9,320	8.9	35,600	376,000
California	11,200	8.9	13,600	16.9	14,000	4.8	12,100	-6.1	51,000	537,000
Colorado	2,610	-24.5	4,690	-16.3	5,560	2.0	4,400	18.6	17,300	193,000
Connecticut	604	-27.6	2,550	-3.7	2,970	-0.6	2,710	18.7	8,840	151,000
Delaware	W	W	W	W	W	W	W	W	W	W
Florida	24,100	2.4	23,300	-0.6	23,200	2.0	24,300	9.0	94,900	1,350,000
Georgia	14,000	14.3	16,900	5.6	15,800	-2.4	15,100	-0.4	61,800	1,120,000
Hawaii	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	5,010	126,000
Idaho	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	5,360	40,500
Illinois	4,590	-21.4	12,700	-15.9	17,700	1.4	13,100	7.9	48,200	554,000
Indiana	6,600	-16.5	12,700	-6.1	14,600	-3.5	14,300	18.1	48,200	488,000
Iowa	4,590	-22.3	12,700	-4.4	13,400	7.9	11,100	13.4	41,700	516,000
Kansas	3,430	7.9	5,290	22.5	5,340	10.8	5,220	20.0	19,300	181,000
Kentucky	8,600	-0.7	13,900	0.8	14,300	-1.8	14,300	7.4	51,100	533,000
Louisiana	W	W	W	W	W	W	W	W	W	W
Maine	275	-8.5	1,510	5.9	1,640	-1.6	1,310	21.5	4,740	47,400
Maryland	5,400	6.3	7,950	9.9	7,470	7.2	7,210	10.2	28,000	377,000
Massachusetts	783	-26.6	2,340	-29.1	2,210	-40.0	2,030	-29.9	7,370	112,000
Michigan	4,710	-16.9	12,700	12.2	13,300	-8.5	10,900	-1.3	41,600	304,000
Minnesota	290	-24.8	2,660	-13.8	3,440	5.3	1,880	17.4	8,270	123,000
Mississippi	404	17.1	450	5.1	418	-20.9	386	-13.2	1,660	57,100
Missouri	18,200	45.5	29,000	-2.4	34,100	7.5	32,000	11.5	113,000	941,000
Montana	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	2,930	27,200
Nebraska	1,630	-4.7	2,390	2.5	2,360	-8.1	2,290	0.6	8,670	130,000
Nevada	2,590	10.9	3,220	29.9	3,270	13.7	3,230	6.7	12,300	121,000
New Hampshire	328	-31.5	1,240	-7.1	1,360	-10.1	1,050	13.3	3,990	44,600
New Jersey	2,120	-28.7	4,640	4.6	5,300	13.4	5,430	28.2	17,500	209,000
New Mexico	1,100	-9.2	1,090	-38.3	1,020	-2.6	562	-47.5	3,780	39,400
New York	3,670	-23.7	12,000	31.5	12,800	6.0	9,550	13.5	38,000	542,000
North Carolina	12,700	11.1	17,100	22.6	16,100	12.8	15,000	10.4	60,900	1,210,000
North Dakota	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	349	2,730
Ohio	9,620	-4.5	18,200	3.1	22,300	1.6	19,500	9.7	69,600	858,000
Oklahoma	8,690	-9.6	10,600	-1.8	11,000	13.3	9,250	11.1	39,500	404,000
Oregon	4,410	7.9	5,610	2.6	6,460	21.7	5,460	5.8	21,900	206,000
Pennsylvania	14,200	9.3	26,000	32.9	25,700	-1.7	21,700	6.8	87,700	1,310,000
Rhode Island	149	-17.8	538	29.7	581	63.6	613	20.7	1,880	22,400
South Carolina	7,070	14.1	8,570	18.3	7,660	3.7	7,850	14.6	31,100	457,000
South Dakota	620	-2.3	2,900	9.7	2,740	-5.3	1,780	-4.3	8,040	71,100
Tennessee	11,000	19.2	14,500	3.3	13,800	1.2	13,700	7.6	53,100	785,000
Texas	38,500	-7.7	41,100	-9.7	46,700	8.3	44,100	5.0	170,000	2,200,000
Utah	3,050	31.7	3,640	-8.1	3,870	16.7	3,570	10.3	14,100	121,000
Vermont	173	-16.7	1,530	9.8	1,890	-7.0	1,200	21.5	4,800	56,200
Virginia	12,000	-3.5	17,000	12.1	15,900	2.8	14,200	1.6	59,200	1,060,000
Washington	2,770	0.5	4,060	39.6	4,350	1.0	3,700	3.6	14,900	235,000
West Virginia	2,240	-14.5	3,220	-0.4	3,410	-6.3	3,410	20.3	12,300	156,000
Wisconsin	7,730	12.9	8,390	33.8	7,990	-1.4	6,460	-6.1	30,600	274,000
Wyoming	1,050	-49.7	2,790	-17.4	2,770	-1.6	2,370	60.0	8,980	54,200
Total ⁴	289,000	0.4	415,000	3.5	437,000	4.2	397,000	8.2	1,540,000	19,600,000

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 by divisions.

³State not included in quarterly survey.

⁴Includes all 50 States.

⁵Compared 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 DIVISION¹

(Thousand metric tons and thousand dollars)

Region/Division ²	2020					Value 1st–4th qtr. ³
	Quantity				1st–4th qtr. ³	
	1st qtr.	2d qtr.	3d qtr.	4th qtr.		
Northeast:						
New England	1,620	7,100	9,690	6,140	36,700	343,000
Middle Atlantic	8,740	12,600	16,800	12,500	50,700	530,000
Midwest:						
East North Central	12,700	33,300	41,700	30,500	145,000	1,160,000
West North Central	11,100	37,500	47,300	30,700	127,000	894,000
South:						
South Atlantic	13,000	14,300	14,000	13,700	61,900	652,000
East South Central	7,380	14,000	12,500	12,500	46,400	385,000
West South Central	28,100	31,200	33,100	30,200	123,000	1,380,000
West:						
Mountain	32,200	54,500	59,100	44,700	190,000	1,710,000
Pacific	30,500	37,400	44,800	41,400	154,000	1,910,000
Total ⁴	168,000	252,000	284,000	237,000	942,000	9,020,000

See footnotes at end of table.

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

(Thousand metric tons and thousand dollars)

Region/Division ²	2021									
	Quantity 1st qtr.	Percent change ⁵	Quantity 2d qtr.	Percent change ⁵	Quantity 3d qtr.	Percent change ⁵	Quantity 4th qtr.	Percent change ⁵	Quantity 1st–4th qtr. ³	Value 1st–4th qtr. ³
Northeast:										
New England	1,540	-4.6	7,740	9.0	8,480	-12.5	6,890	12.2	37,100	360,000
Middle Atlantic	7,830	-10.4	15,900	25.5	16,100	-3.9	14,800	18.8	54,700	593,000
Midwest:										
East North Central	13,600	7.3	33,800	1.6	38,500	-7.7	30,800	1.0	144,000	1,210,000
West North Central	11,500	3.9	40,000	6.7	46,300	-2.1	33,300	8.2	131,000	956,000
South:										
South Atlantic	12,700	-1.8	16,500	15.7	15,400	9.8	14,700	7.2	66,400	723,000
East South Central	9,690	31.4	13,900	-0.8	16,500	32.2	14,400	15.5	54,500	475,000
West South Central	28,200	0.4	31,000	-0.7	33,100	-0.3	32,300	6.8	125,000	1,450,000
West:										
Mountain	36,100	12.0	59,100	8.5	61,100	3.5	52,800	18.1	209,000	1,960,000
Pacific	34,800	14.3	47,300	26.7	48,900	9.3	37,400	-9.8	169,000	2,170,000
Total ⁴	179,000	6.4	279,000	10.8	294,000	3.6	250,000	5.4	1,000,000	10,000,000

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 (CA, OR, WA).

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

⁴Includes all 50 States.

⁵Compared 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 STATE¹

(Thousand metric tons and thousand dollars)

State	2020					
	Quantity				Value	
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. ²	1st-4th qtr. ²
Alabama	2,310	4,980	3,370	4,690	15,300	150,000
Alaska	(3)	(3)	(3)	(3)	7,060	59,100
Arizona	10,400	13,300	12,100	10,800	46,600	496,000
Arkansas	1,490	1,800	2,030	1,860	7,180	73,100
California	21,300	25,600	30,000	28,200	105,000	1,430,000
Colorado	5,980	9,980	9,850	7,800	33,600	312,000
Connecticut	285	1,170	1,370	1,230	4,050	42,000
Delaware	431	637	521	607	2,200	18,300
Florida	5,800	5,470	5,120	4,990	21,400	247,000
Georgia	(3)	(3)	(3)	(3)	6,350	45,800
Hawaii	(3)	(3)	(3)	(3)	385	8,260
Idaho	3,220	6,890	8,850	6,850	25,800	175,000
Illinois	1,870	6,750	8,140	5,200	22,000	167,000
Indiana	2,990	5,850	6,470	5,510	20,800	182,000
Iowa	1,570	4,800	6,110	3,790	16,300	165,000
Kansas	3,940	6,130	6,360	6,330	22,800	171,000
Kentucky	1,580	3,150	3,040	2,580	10,300	50,500
Louisiana	2,570	2,910	3,150	2,800	11,400	131,000
Maine	427	2,540	4,610	2,510	10,100	81,900
Maryland	1,590	1,930	2,000	1,810	7,330	108,000
Massachusetts	(3)	(3)	(3)	(3)	9,200	93,500
Michigan	3,720	12,100	16,200	11,400	43,400	301,000
Minnesota	1,070	12,900	18,100	9,130	41,200	217,000
Mississippi	2,170	3,470	3,850	3,380	12,900	117,000
Missouri	1,810	3,970	4,130	3,880	13,800	119,000
Montana	1,330	3,480	4,360	2,390	11,600	100,000
Nebraska	1,580	2,850	2,930	2,690	10,100	83,200
Nevada	2,330	4,400	4,980	3,620	15,300	98,600
New Hampshire	715	1,800	1,560	1,230	5,300	45,300
New Jersey	3,140	3,890	4,620	4,120	15,800	143,000
New Mexico	1,530	2,580	2,180	1,880	8,160	90,400
New York	4,470	7,080	9,820	6,770	28,100	312,000
North Carolina	1,550	1,910	1,980	1,890	7,330	51,200
North Dakota	253	2,600	4,370	1,940	9,160	78,700
Ohio	4,100	8,590	10,900	8,410	32,000	305,000
Oklahoma	2,500	2,930	3,040	2,160	10,600	101,000
Oregon	3,340	4,480	4,900	4,520	17,200	192,000
Pennsylvania	1,130	1,670	2,360	1,590	6,750	75,200
Rhode Island	(3)	(3)	(3)	(3)	2,900	41,000
South Carolina	1,400	1,740	1,700	1,570	6,410	39,400
South Dakota	866	4,210	5,310	2,990	13,400	60,500
Tennessee	1,320	2,430	2,210	1,860	7,820	67,200
Texas	21,500	23,600	24,900	23,400	93,400	1,070,000
Utah	5,970	10,400	11,900	9,480	37,800	317,000
Vermont	191	1,590	2,160	1,180	5,120	38,900
Virginia	2,190	2,620	2,700	2,830	10,300	137,000
Washington	5,870	7,280	9,850	8,720	31,700	289,000
West Virginia	(3)	(3)	(3)	(3)	540	4,870
Wisconsin	(3)	(3)	(3)	(3)	26,800	201,000
Wyoming	1,440	3,420	4,820	1,970	11,600	120,000
Total ⁴	168,000	252,000	284,000	237,000	942,000	9,020,000

See footnotes at end of table.

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

(Thousand metric tons and thousand dollars)

State	2021									
	Quantity 1st qtr.	Percent change ⁵	Quantity 2d qtr.	Percent change ⁵	Quantity 3d qtr.	Percent change ⁵	Quantity 4th qtr.	Percent change ⁵	Quantity 1st–4th qtr. ²	Value 1st–4th qtr. ²
Alabama	4,620	99.8	4,100	-17.7	7,080	110.4	5,060	8.1	20,900	213,000
Alaska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	7,280	63,300
Arizona	12,500	20.2	13,800	3.5	12,400	2.4	12,300	14.4	51,000	564,000
Arkansas	1,510	1.1	1,960	9.0	2,210	8.7	2,090	12.1	7,760	82,200
California	24,400	14.8	32,000	25.0	33,200	10.4	24,200	-14.0	114,000	1,610,000
Colorado	5,170	-13.5	9,870	-1.1	11,200	13.4	9,090	16.5	35,300	341,000
Connecticut	337	18.3	1,230	5.2	919	-32.7	1,110	-9.8	3,590	38,800
Delaware	559	29.8	686	7.7	617	18.4	561	-7.6	2,420	21,000
Florida	5,100	-12.2	5,390	-1.4	5,480	7.1	5,750	15.4	21,700	261,000
Georgia	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	6,540	49,100
Hawaii	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	397	8,850
Idaho	4,150	28.7	7,060	2.5	8,270	-6.6	6,570	-4.1	26,000	184,000
Illinois	1,670	-11.1	5,820	-13.8	6,540	-19.6	5,230	0.6	19,300	152,000
Indiana	3,110	3.8	6,080	3.9	6,790	5.0	6,550	18.8	22,500	205,000
Iowa	1,330	-15.3	5,160	7.5	5,530	-9.5	4,040	6.5	16,000	169,000
Kansas	4,000	1.4	6,760	10.2	6,720	5.7	6,380	0.9	23,900	186,000
Kentucky	1,210	-23.0	3,650	15.9	3,720	22.6	3,370	30.8	12,000	60,800
Louisiana	2,430	-5.6	2,610	-10.1	2,820	-10.3	3,000	7.1	10,900	129,000
Maine	473	11.0	2,850	12.3	4,000	-13.2	2,410	-4.0	9,730	82,200
Maryland	1,570	-1.0	2,150	11.6	1,990	-0.4	1,880	4.1	7,600	117,000
Massachusetts	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	9,480	100,000
Michigan	4,380	17.6	12,700	5.0	13,200	-18.9	9,550	-16.2	39,800	287,000
Minnesota	1,470	36.8	13,500	4.3	18,200	0.8	10,200	11.7	43,400	237,000
Mississippi	2,340	7.8	3,710	7.0	3,260	-15.3	3,870	14.3	13,200	125,000
Missouri	2,070	14.7	4,010	0.9	4,560	10.3	4,350	11.9	15,000	134,000
Montana	1,160	-12.8	3,480	0.0	3,850	-11.5	2,620	9.8	11,100	100,000
Nebraska	1,240	-21.4	3,410	19.3	3,320	13.2	2,920	8.6	10,900	93,600
Nevada	2,520	8.5	5,310	20.6	5,060	1.6	4,160	15.0	17,100	114,000
New Hampshire	510	-28.6	1,680	-6.7	1,600	2.4	1,540	25.2	5,320	47,300
New Jersey	2,720	-13.4	5,100	31.1	4,980	7.9	5,290	28.4	18,100	171,000
New Mexico	1,890	24.1	2,340	-9.3	2,030	-6.8	1,750	-6.9	8,010	92,300
New York	4,000	-10.5	8,730	23.3	9,260	-5.8	7,760	14.7	29,700	343,000
North Carolina	1,760	13.1	2,690	40.9	2,330	18.0	2,220	17.3	9,000	65,400
North Dakota	253	0.3	2,260	-13.1	3,020	-30.9	2,190	13.3	7,730	69,000
Ohio	4,460	8.9	9,240	7.5	12,000	10.3	9,480	12.8	35,200	349,000
Oklahoma	2,330	-6.7	2,810	-4.1	2,880	-5.4	2,730	26.0	10,700	106,000
Oregon	3,780	13.1	4,850	8.2	5,860	19.6	4,930	9.0	19,400	225,000
Pennsylvania	1,110	-1.9	2,040	21.6	1,910	-19.0	1,770	11.8	6,830	79,100
Rhode Island	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	2,990	43,900
South Carolina	1,560	11.7	2,110	21.0	1,720	1.0	1,670	6.3	7,060	45,100
South Dakota	1,150	33.3	4,920	16.7	4,940	-7.0	3,190	6.5	14,200	66,800
Tennessee	1,520	15.2	2,450	0.8	2,420	9.2	2,140	15.0	8,520	76,200
Texas	21,900	1.9	23,600	0.2	25,100	0.9	24,500	4.5	95,200	1,140,000
Utah	7,220	21.0	11,700	12.0	12,300	2.8	11,200	18.1	42,300	369,000
Vermont	222	16.3	1,980	24.2	1,970	-8.7	1,840	56.1	6,010	47,500
Virginia	2,180	-0.1	3,520	34.3	3,240	20.2	2,590	-8.4	11,500	159,000
Washington	6,650	13.4	10,500	44.3	9,910	0.6	8,200	-6.0	35,300	335,000
West Virginia	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	557	5,210
Wisconsin	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	27,600	215,000
Wyoming	1,430	-0.3	5,610	63.9	6,070	25.9	5,160	162.0	18,300	195,000
Total ⁴	179,000	6.4	279,000	10.8	294,000	3.6	250,000	5.4	1,000,000	10,000,000

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 by divisions.

³State not included in quarterly survey.

⁴Includes all 50 States.

⁵Compared 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 DIVISION¹

(Thousand metric tons and thousand dollars)

Region/Division ²	2020					Value 1st-4th qtr. ³
	Quantity				1st-4th qtr. ³	
	1st qtr.	2d qtr.	3d qtr.	4th qtr.		
Northeast:						
New England	4,690	17,600	21,900	14,800	71,200	804,000
Middle Atlantic	29,500	45,800	59,700	45,500	180,000	2,330,000
Midwest:						
East North Central	49,000	97,200	119,000	90,400	382,000	3,530,000
West North Central	35,400	92,800	105,000	79,300	313,000	2,670,000
South:						
South Atlantic	86,700	101,000	101,000	95,000	390,000	5,840,000
East South Central	35,100	54,100	52,800	50,700	193,000	2,180,000
West South Central	87,000	96,600	95,400	89,600	369,000	4,290,000
West:						
Mountain	46,500	75,200	78,100	60,300	268,000	2,400,000
Pacific	47,600	57,400	67,800	63,000	236,000	2,790,000
Total ⁴	456,000	653,000	703,000	604,000	2,420,000	27,000,000

See footnotes at end of table.

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

(Thousand metric tons and thousand dollars)

Region/Division ²	2021									
	Quantity 1st qtr.	Percent change ⁵	Quantity 2d qtr.	Percent change ⁵	Quantity 3d qtr.	Percent change ⁵	Quantity 4th qtr.	Percent change ⁵	Quantity 1st–4th qtr. ³	Value 1st–4th qtr. ³
Northeast:										
New England	3,850	-17.8	17,500	-1.0	19,100	-12.7	15,800	6.6	68,700	793,000
Middle Atlantic	27,800	-5.8	58,500	27.9	60,000	0.4	51,500	13.3	198,000	2,660,000
Midwest:										
East North Central	46,900	-4.4	98,500	1.4	114,000	-3.8	95,000	5.1	382,000	3,690,000
West North Central	40,300	13.7	94,900	2.2	108,000	2.6	87,500	10.3	331,000	2,920,000
South:										
South Atlantic	90,500	4.4	111,000	10.0	105,000	4.3	102,000	7.2	415,000	6,470,000
East South Central	40,600	15.7	56,400	4.3	58,400	10.6	55,700	9.9	211,000	2,470,000
West South Central	83,000	-4.6	92,500	-4.3	101,000	6.3	95,500	6.6	372,000	4,490,000
West:										
Mountain	50,000	7.4	78,000	3.6	81,300	4.1	70,400	16.6	288,000	2,690,000
Pacific	53,300	11.8	70,600	23.1	73,800	8.8	58,600	-7.0	256,000	3,150,000
Total ⁴	468,000	2.6	694,000	6.3	731,000	4.0	647,000	7.1	2,540,000	29,600,000

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 (CA, OR, WA).

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

⁴Includes all 50 States.

⁵Compared 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 STATE¹

(Thousand metric tons and thousand dollars)

State	2020					Value 1st-4th qtr. ²
	Quantity				1st-4th qtr. ²	
	1st qtr.	2d qtr.	3d qtr.	4th qtr.		
Alabama	11,700	16,800	14,900	16,400	59,800	672,000
Alaska	(3)	(3)	(3)	(3)	8,520	89,800
Arizona	13,300	16,900	15,600	13,800	59,600	617,000
Arkansas	8,540	10,200	10,900	10,400	40,000	406,000
California	31,600	37,300	43,400	41,000	153,000	1,920,000
Colorado	9,440	15,600	15,300	11,500	51,800	508,000
Connecticut	1,120	3,820	4,350	3,510	12,800	186,000
Delaware	W	W	W	W	W	W
Florida	29,400	28,900	27,900	27,200	113,000	1,500,000
Georgia	(3)	(3)	(3)	(3)	65,900	1,090,000
Hawaii	(3)	(3)	(3)	(3)	5,250	126,000
Idaho	(3)	(3)	(3)	(3)	31,000	213,000
Illinois	7,720	21,900	25,600	17,400	72,600	726,000
Indiana	10,900	19,400	21,600	17,600	69,500	656,000
Iowa	7,470	18,000	18,500	13,600	57,600	656,000
Kansas	7,120	10,400	11,200	10,700	39,400	321,000
Kentucky	10,200	16,900	17,600	15,900	60,700	556,000
Louisiana	W	W	W	W	W	W
Maine	727	3,960	6,280	3,590	14,600	125,000
Maryland	6,670	9,170	8,970	8,340	33,200	443,000
Massachusetts	(3)	(3)	(3)	(3)	20,200	254,000
Michigan	9,390	23,400	30,800	22,400	85,900	600,000
Minnesota	1,460	16,000	21,300	10,700	49,500	336,000
Mississippi	2,520	3,900	4,380	3,830	14,600	175,000
Missouri	14,300	33,700	35,900	32,600	116,000	939,000
Montana	(3)	(3)	(3)	(3)	14,400	125,000
Nebraska	3,290	5,180	5,510	4,970	18,900	212,000
Nevada	4,660	6,880	7,860	6,640	26,000	200,000
New Hampshire	1,190	3,140	3,070	2,160	9,570	91,100
New Jersey	6,110	8,320	9,290	8,360	32,100	330,000
New Mexico	2,740	4,350	3,230	2,950	13,300	142,000
New York	9,280	16,200	21,900	15,200	62,600	784,000
North Carolina	13,000	15,900	16,200	15,500	60,500	1,070,000
North Dakota	(3)	(3)	(3)	(3)	9,500	81,200
Ohio	14,200	26,200	32,800	26,200	99,400	1,100,000
Oklahoma	12,100	13,700	12,700	10,500	49,000	479,000
Oregon	7,430	9,950	10,200	9,680	37,300	373,000
Pennsylvania	14,100	21,300	28,500	21,900	85,800	1,210,000
Rhode Island	(3)	(3)	(3)	(3)	4,360	57,700
South Carolina	7,590	8,980	9,090	8,410	34,100	430,000
South Dakota	1,500	6,860	8,200	4,850	21,400	129,000
Tennessee	10,600	16,500	15,900	14,600	57,500	774,000
Texas	63,200	69,200	68,000	65,400	266,000	3,210,000
Utah	8,290	14,400	15,200	12,700	50,600	422,000
Vermont	399	2,990	4,190	2,170	9,750	91,100
Virginia	14,700	17,800	18,200	16,800	67,500	1,120,000
Washington	8,620	10,200	14,200	12,300	45,300	496,000
West Virginia	(3)	(3)	(3)	(3)	12,900	155,000
Wisconsin	(3)	(3)	(3)	(3)	54,900	443,000
Wyoming	3,520	6,800	7,630	3,450	21,400	176,000
Total ⁴	456,000	653,000	703,000	604,000	2,420,000	27,000,000

See footnotes at end of table.

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

(Thousand metric tons and thousand dollars)

State	2021									
	Quantity 1st qtr.	Percent change ⁵	Quantity 2d qtr.	Percent change ⁵	Quantity 3d qtr.	Percent change ⁵	Quantity 4th qtr.	Percent change ⁵	Quantity 1st–4th qtr. ²	Value 1st–4th qtr. ²
Alabama	15,400	31.6	17,700	5.6	20,400	37.0	17,900	9.5	71,500	831,000
Alaska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	8,770	96,200
Arizona	16,000	20.3	17,200	2.0	16,100	3.1	15,700	13.6	65,000	700,000
Arkansas	8,650	1.3	11,100	9.1	12,200	12.2	11,400	9.5	43,400	458,000
California	35,700	12.9	45,600	22.4	47,200	8.7	36,300	-11.5	165,000	2,150,000
Colorado	7,780	-17.5	14,600	-6.6	16,700	9.4	13,500	17.1	52,600	534,000
Connecticut	941	-15.9	3,780	-1.0	3,890	-10.7	3,820	8.8	12,400	189,000
Delaware	W	W	W	W	W	W	W	W	W	W
Florida	29,200	-0.5	28,700	-0.8	28,700	3.0	30,000	10.2	117,000	1,610,000
Georgia	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	68,300	1,170,000
Hawaii	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	5,410	135,000
Idaho	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	31,400	224,000
Illinois	6,260	-18.9	18,500	-15.2	24,300	-5.3	18,400	5.7	67,400	706,000
Indiana	9,710	-10.9	18,800	-3.1	21,400	-0.9	20,800	18.3	70,800	693,000
Iowa	5,910	-20.8	17,800	-1.2	18,900	2.2	15,100	11.5	57,800	685,000
Kansas	7,430	4.3	12,000	15.3	12,100	7.9	11,600	8.7	43,100	367,000
Kentucky	9,810	-4.1	17,500	3.6	18,000	2.4	17,700	11.1	63,000	594,000
Louisiana	W	W	W	W	W	W	W	W	W	W
Maine	748	2.9	4,360	10.0	5,640	-10.1	3,730	3.7	14,500	130,000
Maryland	6,970	4.5	10,100	10.2	9,470	5.5	9,090	8.9	35,600	494,000
Massachusetts	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	16,800	212,000
Michigan	9,090	-3.2	25,400	8.5	26,400	-14.0	20,400	-8.9	81,300	591,000
Minnesota	1,760	20.5	16,200	0.8	21,600	1.5	12,100	12.5	51,600	360,000
Mississippi	2,750	9.1	4,160	6.8	3,680	-16.0	4,250	11.1	14,800	182,000
Missouri	20,300	41.6	33,000	-2.0	38,700	7.9	36,400	11.5	128,000	1,080,000
Montana	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	14,000	127,000
Nebraska	2,870	-12.7	5,790	11.8	5,690	3.2	5,210	4.9	19,600	224,000
Nevada	5,120	9.7	8,530	24.0	8,330	6.0	7,390	11.2	29,400	235,000
New Hampshire	838	-29.8	2,920	-6.9	2,960	-3.8	2,590	20.1	9,310	91,900
New Jersey	4,840	-20.8	9,740	17.0	10,300	10.7	10,700	28.3	35,600	379,000
New Mexico	3,000	9.3	3,430	-21.1	3,050	-5.4	2,310	-21.6	11,800	132,000
New York	7,670	-17.4	20,700	27.9	22,100	0.7	17,300	14.0	67,800	885,000
North Carolina	14,400	11.3	19,800	24.8	18,400	13.4	17,200	11.3	69,900	1,280,000
North Dakota	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	8,080	71,800
Ohio	14,100	-0.6	27,400	4.5	34,300	4.5	29,000	10.7	105,000	1,210,000
Oklahoma	11,000	-9.0	13,400	-2.3	13,800	8.9	12,000	14.2	50,200	510,000
Oregon	8,190	10.2	10,500	5.1	12,300	20.7	10,400	7.3	41,400	431,000
Pennsylvania	15,300	8.4	28,100	32.0	27,600	-3.1	23,500	7.1	94,500	1,390,000
Rhode Island	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	4,870	66,300
South Carolina	8,630	13.7	10,700	18.9	9,380	3.2	9,510	13.1	38,200	502,000
South Dakota	1,770	18.2	7,820	14.0	7,680	-6.4	4,970	2.4	22,200	138,000
Tennessee	12,600	18.7	16,900	3.0	16,300	2.3	15,900	8.6	61,600	862,000
Texas	60,400	-4.4	64,800	-6.3	71,800	5.6	68,500	4.8	266,000	3,340,000
Utah	10,300	24.0	15,300	6.5	16,100	5.9	14,800	16.1	56,500	490,000
Vermont	395	-0.9	3,510	17.5	3,860	-7.9	3,040	40.3	10,800	104,000
Virginia	14,200	-3.0	20,600	15.4	19,100	5.4	16,800	-0.1	70,700	1,220,000
Washington	9,420	9.3	14,600	43.0	14,300	0.7	11,900	-3.2	50,100	570,000
West Virginia	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	12,800	161,000
Wisconsin	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	58,200	489,000
Wyoming	2,480	-29.5	8,400	23.5	8,840	15.8	7,530	118.2	27,200	249,000
Total ⁴	468,000	2.6	694,000	6.3	731,000	4.0	647,000	7.1	2,540,000	29,600,000

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 by divisions.

³State not included in quarterly survey.

⁴Includes all 50 States.

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