

Mineral Industry Surveys

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CRUSHED STONE AND SAND AND GRAVEL IN THE THIRD QUARTER 2012

An estimated 334 million metric tons (Mt) of *crushed stone* was produced and shipped for consumption in the United States in the third quarter of 2012, a decrease of 5% compared with that of the same period of 2011. The estimated production for consumption in the first 9 months of 2012 was 867 Mt, a slight increase compared with the first 9 months of 2011.

The estimated U.S. output of *construction sand and gravel* produced and shipped for consumption in the third quarter of 2012 was 246 Mt, a decrease of 6% compared with that of the same period of 2011. The estimated production for consumption in the first 9 months of 2012 was 613 Mt, a slight increase compared with that of the same period of 2011.

An estimated 580 Mt of total *construction aggregates* was produced and shipped for consumption in the United States in the third quarter of 2012, a decrease of 5% compared with that of the same period of 2011. The estimated production for consumption in the first 9 months of 2012 was 1.48 billion metric tons (Gt), a slight increase compared with that of the same period of 2011.

The above estimates are based on information reported to the U.S. Geological Survey (USGS) quarterly sample survey by *crushed stone* and *construction sand and gravel* producers.

The estimated *portland cement* consumption increased slightly in the third quarter of 2012 and was up by 10% in the first 9 months of 2012, compared with that of the same periods of 2011. 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. 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. This change in sales is almost never an indicator of the change in the demand in the State as a whole. The usual cause behind a large change 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 2012 decreased in all but one of the geographic divisions compared with that sold or used in the third quarter of 2011. The largest decreases were recorded in the East South Central (17%), the Mountain (14%), and the Middle Atlantic (14%) divisions. Production-for-consumption of crushed stone decreased in 34 of the 46 States that were estimated. The five leading States were, in descending order of production-for-consumption, Texas, Pennsylvania, Missouri, Ohio, and Illinois. Their combined total production-for-consumption was 114 Mt and represented 34% of the U.S. total.

The estimated production-for-consumption of *construction sand and gravel* in the third quarter of 2012 decreased from the third quarter 2011 levels in seven of the nine geographic divisions. The largest decreases in percentages were recorded in the Middle Atlantic (30%), the East South Central (27%), and the Pacific (10%) divisions. Production-for-consumption of construction sand and gravel decreased in 31 of the 47 States that were estimated. The five leading States were, in descending order of production-for-consumption, California, Texas, Minnesota, Michigan, and Ohio. Their combined total production-for-consumption was 83 Mt and represented 34% of the U.S. total.

The estimated production-for-consumption of *aggregates* in the third quarter of 2012 decreased in seven of the nine geographic divisions compared with that sold or used in the third quarter of 2011. The largest decreases in percentages were recorded in the East South Central (19%), the Middle Atlantic (18%), and the East North Central (10%) divisions. Production-for-consumption of aggregates decreased in 31 of the 45 States that were estimated. The five leading States were, in descending order of production-for-consumption, Texas, California, Pennsylvania, Ohio, and Illinois. Their combined total production-for-consumption was 169 Mt and represented 29% of the U.S. total.

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

(Thousand metric tons and thousand dollars)

Region/Division ²	2011					2012						
	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	1,810	9,350	12,200	9,460	32,800	367,000	2,580	43.1	9,200	-1.6	11,600	-4.8
Middle Atlantic	15,200	39,900	46,700	37,200	139,000	1,650,000	21,500	42.0	38,600	-3.3	41,100	-13.8
Midwest:												
East North Central	17,900	47,200	66,100	51,500	183,000	1,410,000	24,200	35.3	56,500	19.7	60,000	-10.1
West North Central	16,900	38,300	47,300	36,300	139,000	1,270,000	25,900	53.3	43,500	13.6	43,100	-9.8
South:												
South Atlantic	46,400	63,600	62,800	53,500	226,000	2,870,000	48,500	4.4	57,800	-9.2	61,500	-2.2
East South Central	23,400	31,200	34,000	28,700	117,000	1,210,000	21,700	-7.4	28,600	-8.4	29,100	-16.8
West South Central	41,500	46,600	48,000	39,500	176,000	1,350,000	44,500	7.2	52,100	11.7	51,400	6.6
West:												
Mountain	8,160	13,700	14,600	10,500	46,900	383,000	8,400	3.0	11,700	-14.9	12,800	-14.1
Pacific	13,100	17,100	21,200	15,300	66,800	619,000	11,000	-16.4	16,400	-4.1	20,500	-3.5
Total ⁵	200,000	312,000	350,000	282,000	1,140,000	11,400,000	217,000	8.5	317,000	1.7	334,000	-4.7

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	2011						2012					
	Quantity					Value	Quantity	Percent change ³	Quantity	Percent change ³	Quantity	Percent change ³
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. ²	1st-4th qtr. ²						
Alabama	7,350	8,780	9,410	7,770	33,300	320,000	7,740	5.3	8,900	1.3	8,890	-5.5
Alaska	(4)	(4)	(4)	(4)	1,480	22,800	(4)	(4)	(4)	(4)	(4)	(4)
Arizona	2,020	2,160	2,010	2,020	8,200	81,700	1,780	-12.0	1,850	-14.3	1,750	-12.9
Arkansas	6,300	6,450	6,420	5,000	24,200	190,000	5,230	-17.0	6,350	-1.6	6,310	-1.7
California	7,430	8,410	10,300	8,360	34,500	350,000	5,560	-25.2	8,110	-3.5	9,030	-12.5
Colorado	1,360	1,770	1,660	1,270	6,060	49,600	1,310	-3.8	1,660	-6.0	2,060	24.5
Connecticut	284	2,440	2,610	2,060	7,400	97,100	515	81.1	2,450	0.1	2,760	6.0
Delaware	W	W	W	W	W	W	W	W	W	W	W	W
Florida	9,580	10,500	10,700	9,650	40,500	532,000	10,600	10.5	10,100	-3.7	13,500	26.2
Georgia	8,830	11,500	10,500	8,540	39,300	438,000	8,730	-1.2	9,680	-15.5	9,530	-8.9
Hawaii	(4)	(4)	(4)	(4)	4,680	93,000	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	202	1,790	1,650	740	4,380	26,700	167	-17.4	1,080	-39.5	1,610	-2.5
Illinois	4,110	12,400	18,600	14,300	49,400	456,000	5,440	32.4	13,600	9.6	15,800	-14.9
Indiana	5,020	10,500	14,100	10,400	40,000	270,000	5,690	13.4	11,100	5.8	11,900	-15.6
Iowa	3,290	9,010	11,300	8,550	32,200	303,000	3,930	19.4	10,400	15.0	10,700	-5.3
Kansas	1,890	4,050	4,980	3,900	14,800	129,000	2,590	36.9	5,180	28.0	5,050	1.5
Kentucky	8,400	11,300	12,700	10,700	43,200	383,000	5,620	-33.1	8,140	-28.2	8,940	-29.9
Louisiana	W	W	W	W	W	W	W	W	W	W	W	W
Maine	119	1,060	1,680	1,090	3,950	35,700	274	131	1,040	-2.3	1,400	-16.3
Maryland	3,590	7,160	7,260	5,810	23,800	249,000	3,770	4.9	5,830	-18.5	5,170	-28.8
Massachusetts	778	2,890	3,310	3,190	10,200	120,000	915	17.5	2,330	-19.4	2,970	-10.1
Michigan	1,330	6,110	8,590	5,390	21,400	122,000	2,170	63.1	7,140	16.9	8,310	-3.3
Minnesota	422	2,800	3,860	2,320	9,400	118,000	645	52.7	3,260	16.5	3,980	3.1
Mississippi	651	776	655	571	2,650	61,400	410	-37.1	520	-33.0	642	-1.9
Missouri	10,100	18,700	22,500	18,100	69,300	603,000	16,700	66.1	20,000	7.5	19,000	-15.5
Montana	224	568	883	202	1,880	20,200	249	11.2	550	-3.2	833	-5.6
Nebraska	893	2,080	2,220	2,100	7,290	77,600	1,450	62.0	2,210	6.6	2,120	-4.5
Nevada	1,830	1,770	1,790	2,140	7,520	89,400	1,950	6.4	1,840	4.0	1,600	-10.3
New Hampshire	424	1,390	2,220	1,730	5,760	54,100	542	27.7	1,480	6.4	1,880	-15.2
New Jersey	1,390	4,040	4,880	4,390	14,700	125,000	1,870	34.2	3,540	-12.5	3,960	-18.9
New Mexico	(4)	(4)	(4)	(4)	4,220	34,500	(4)	(4)	(4)	(4)	(4)	(4)
New York	2,790	9,980	12,700	9,240	34,700	396,000	3,750	34.5	9,040	-9.5	10,100	-20.7
North Carolina	8,410	11,700	11,400	9,260	40,800	611,000	8,320	-1.1	10,600	-9.2	12,000	5.2
North Dakota	(4)	(4)	(4)	(4)	823	3,820	(4)	(4)	(4)	(4)	(4)	(4)
Ohio	5,120	12,900	17,600	14,200	49,800	428,000	7,750	51.4	17,400	34.5	17,300	-1.7
Oklahoma	8,350	10,200	10,100	8,450	37,200	336,000	8,360	0	10,400	1.4	10,200	0.5
Oregon	2,490	5,520	6,990	4,100	19,100	147,000	2,550	2.3	4,450	-19.4	6,680	-4.4
Pennsylvania	11,000	25,900	29,200	23,600	89,700	1,130,000	15,900	44.8	26,000	0.5	27,000	-7.3
Rhode Island	80	284	428	357	1,150	12,900	107	34.3	381	34.2	472	10.3
South Carolina	4,190	5,390	5,090	3,920	18,600	214,000	3,850	-8.1	4,600	-14.6	4,820	-5.2
South Dakota	323	1,670	2,510	1,320	5,820	39,400	557	72.6	2,380	42.4	2,260	-9.8
Tennessee	6,980	10,300	11,200	9,660	38,100	445,000	7,900	13.1	11,100	7.0	10,600	-4.9
Texas	26,800	29,900	31,400	26,000	114,000	827,000	30,900	15.1	35,300	18.1	34,900	11.0
Utah	1,330	2,370	3,100	2,160	8,970	69,100	1,360	2.1	2,260	-4.8	2,100	-32.3
Vermont	121	1,280	1,930	1,030	4,360	47,200	232	92	1,530	19.6	2,130	9.9
Virginia	8,500	12,700	12,800	11,600	45,700	651,000	9,500	11.8	12,800	0.3	12,300	-4.0
Washington	3,210	3,210	3,880	2,880	13,200	122,000	2,880	-10.5	3,870	20.6	4,760	22.8
West Virginia	3,320	4,690	5,010	4,720	17,700	175,000	3,720	12.0	4,180	-11.0	4,080	-18.6
Wisconsin	2,310	5,340	7,270	7,210	22,100	131,000	3,150	36.5	7,330	37.3	6,750	-7.1
Wyoming	1,190	3,330	3,460	1,960	9,950	46,200	1,600	34.1	2,460	-26.1	2,800	-19.3

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	2011						2012					
	Quantity					Value	Quantity	Percent	Quantity	Percent	Quantity	Percent
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. ³	1st-4th qtr. ³	1st qtr.	change ⁴	2d qtr.	change ⁴	3d qtr.	change ⁴
Northeast:												
New England	2,570	10,600	14,400	10,200	37,700	311,000	4,860	89.1	15,100	42.1	20,200	28.9
Middle Atlantic	6,090	15,000	17,700	12,800	51,700	467,000	7,430	21.9	13,300	-11.5	13,700	-29.9
Midwest:												
East North Central	11,400	31,800	46,600	33,000	123,000	793,000	14,400	26.8	41,500	30.6	42,600	-9.3
West North Central	8,110	30,700	45,200	32,700	117,000	618,000	11,700	44.5	42,200	37.4	42,000	-7.7
South:												
South Atlantic	10,500	13,700	13,600	13,000	50,800	408,000	11,700	11.2	14,400	5.5	14,300	5.1
East South Central	5,800	9,620	11,800	9,410	35,400	240,000	6,150	6.0	9,460	-1.6	9,240	-27.2
West South Central	25,800	27,600	29,000	24,500	107,000	850,000	25,000	-3.4	29,600	7.0	28,700	-0.9
West:												
Mountain	21,700	40,500	50,600	34,000	147,000	996,000	24,900	14.4	42,200	4.2	47,400	-6.7
Pacific	20,200	32,700	40,600	30,900	124,000	1,250,000	19,900	-1.2	34,000	3.8	36,800	-10.2
Total ⁵	125,000	215,000	262,000	200,000	802,000	6,020,000	137,000	9.0	231,000	7.2	246,000	-6.2

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	2011						2012					
	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	1,760	1,580	2,050	1,910	6,090	34,800	1,910	8.2	1,620	2.7	1,970	-4.3
Alaska	(4)	(4)	(4)	(4)	6,370	53,900	(4)	(4)	(4)	(4)	(4)	(4)
Arizona	5,700	7,120	6,820	5,840	25,500	216,000	6,160	8.0	6,930	-2.7	7,560	10.8
Arkansas	1,720	2,300	2,520	1,970	8,510	74,200	1,670	-2.7	2,380	3.0	2,310	-8.4
California	13,900	23,000	27,700	22,000	86,600	963,000	13,700	-1.6	24,500	6.6	24,800	-10.6
Colorado	4,360	7,370	9,320	6,150	27,200	202,000	5,570	27.6	7,850	6.4	9,120	-2.1
Connecticut	124	2,090	2,120	1,550	5,880	56,500	316	154.5	2,490	19.2	2,440	15.1
Delaware	581	155	131	731	1,600	12,500	657	13.0	879	467	929	608
Florida	2,770	3,160	3,190	2,850	12,000	97,400	3,040	9.7	3,120	-1.2	3,550	11.4
Georgia	1,020	1,360	1,220	1,040	4,640	26,400	1,040	2.6	1,140	-16.2	1,110	-9.1
Hawaii	(4)	(4)	(4)	(4)	936	14,600	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	1,130	3,690	4,770	2,480	12,100	70,800	911	-19.6	3,770	2.2	4,770	0
Illinois	1,540	5,060	7,430	5,430	19,400	131,000	1,830	19.3	5,500	8.8	6,760	-9.0
Indiana	2,020	4,260	6,310	4,090	16,700	106,000	2,420	19.8	5,740	34.9	5,990	-5.0
Iowa	1,070	3,850	5,390	3,520	13,800	87,600	1,140	6.0	4,320	12.1	4,910	-9.0
Kansas	983	2,480	3,110	2,250	8,820	47,400	1,410	43.4	2,630	6.1	2,560	-17.4
Kentucky	1,130	2,780	4,030	3,130	11,100	59,500	916	-18.8	1,830	-34.3	1,680	-58.4
Louisiana	4,460	4,250	4,270	3,850	16,800	158,000	2,920	-34.5	3,950	-7.0	3,310	-22.5
Maine	124	2,750	3,730	3,000	9,600	56,700	388	212.6	2,840	3.4	4,890	30.9
Maryland	1,210	2,690	2,700	2,960	9,560	100,000	1,990	63.9	2,700	0.5	1,940	-28.3
Massachusetts	1,420	2,200	2,310	2,070	8,000	77,400	2,960	108	6,260	185	8,600	272
Michigan	1,740	9,680	14,100	8,570	34,100	200,000	2,740	57.1	11,500	19.2	13,600	-3.7
Minnesota	1,670	8,660	15,500	10,300	36,100	182,000	1,600	-4.2	9,620	11.2	14,200	-8.2
Mississippi	2,100	3,870	4,000	3,230	13,200	105,000	2,500	19.4	4,320	11.5	4,080	1.9
Missouri	1,670	3,380	3,840	2,920	11,800	75,300	2,380	43.1	3,630	7.4	3,390	-11.9
Montana	583	3,450	3,940	1,830	9,810	81,300	693	18.8	3,190	-7.7	3,450	-12.3
Nebraska	1,750	4,450	4,450	4,140	14,800	96,800	2,760	58.1	7,350	65.2	4,590	3.1
Nevada	2,680	3,290	5,110	4,250	15,300	91,000	3,260	21.8	3,870	17.6	3,890	-23.9
New Hampshire	741	2,840	4,880	2,580	11,000	96,400	999	34.8	2,150	-24.3	2,820	-42.2
New Jersey	1,420	3,270	3,390	2,950	11,000	119,000	1,830	29.5	2,650	-18.9	2,000	-41.0
New Mexico	1,500	2,240	2,010	1,330	7,080	53,100	852	-43.3	1,660	-26.0	2,000	-0.5
New York	3,150	7,470	9,510	6,970	27,100	225,000	3,810	20.9	7,240	-3.1	8,310	-12.6
North Carolina	1,760	2,250	2,150	1,870	8,030	46,400	1,840	4.4	2,300	2.1	2,550	18.5
North Dakota	436	4,750	8,120	7,140	20,500	81,700	1,610	270.2	5,770	21.4	7,670	-5.5
Ohio	3,000	7,500	10,900	8,390	29,800	237,000	4,560	52.3	10,000	33.3	10,100	-7.0
Oklahoma	2,330	2,680	2,790	2,320	10,100	62,800	2,360	1.5	2,740	1.9	2,840	1.7
Oregon	1,660	3,220	4,430	2,790	12,100	101,000	1,650	-0.9	2,680	-17.0	4,190	-5.3
Pennsylvania	1,530	4,280	4,840	2,920	13,600	123,000	1,780	16.9	3,410	-20.4	3,340	-30.9
Rhode Island	(4)	(4)	(4)	(4)	1,460	17,700	(4)	(4)	(4)	(4)	(4)	(4)
South Carolina	1,390	1,770	1,970	1,540	6,670	29,100	1,500	7.5	1,940	9.7	1,990	0.8
South Dakota	535	3,110	4,840	2,510	11,000	47,600	808	51.1	8,840	184	4,670	-3.6
Tennessee	808	1,390	1,670	1,140	5,000	40,900	818	1.2	1,700	22.2	1,520	-9.0
Texas	17,300	18,400	19,400	16,400	71,500	555,000	18,000	3.9	20,500	11.5	20,200	4.4
Utah	3,930	8,360	12,200	8,130	32,600	193,000	4,690	19.4	9,090	8.7	9,840	-19.3
Vermont	157	775	1,320	970	3,230	24,500	194	23.9	1,380	78.2	1,470	10.6
Virginia	1,730	2,200	2,120	1,870	7,910	93,200	1,580	-8.5	2,220	1.2	2,120	-0.1
Washington	4,650	6,490	8,440	6,100	25,700	182,000	4,650	-0.1	6,770	4.2	7,870	-6.7
West Virginia	76	112	110	106	403	3,460	76	0.1	140	25.6	139	27.0
Wisconsin	3,080	5,300	7,830	6,540	22,800	119,000	2,870	-6.9	8,740	64.9	6,150	-21.5
Wyoming	1,850	4,950	6,440	3,960	17,200	88,300	2,730	47.3	5,850	18.2	6,790	5.4

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	2011						2012					
	Quantity					Value	Quantity	Percent change ⁴	Quantity	Percent change ⁴	Quantity	Percent change ⁴
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. ³	1st-4th qtr. ³	1st qtr.		2d qtr.		3d qtr.	
Northeast:												
New England	4,370	20,000	26,500	19,600	70,500	678,000	7,440	70.1	24,300	21.7	31,800	16.6
Middle Atlantic	21,300	55,000	64,500	50,100	191,000	2,120,000	29,000	36.2	51,900	-5.5	54,700	-17.8
Midwest:												
East North Central	29,300	79,000	113,000	84,500	306,000	2,200,000	38,600	32.0	98,000	24.1	103,000	-9.7
West North Central	25,000	68,900	92,600	69,100	256,000	1,890,000	37,600	50.4	85,600	24.2	85,100	-8.8
South:												
South Atlantic	57,000	77,300	76,400	66,500	277,000	3,280,000	60,200	5.7	72,200	-6.6	75,800	-0.8
East South Central	29,200	40,900	45,700	38,100	153,000	1,450,000	27,800	-4.7	38,100	-6.8	38,300	-19.3
West South Central	67,300	74,300	76,900	64,000	283,000	2,200,000	69,500	3.1	81,700	10.0	80,100	3.9
West:												
Mountain	29,900	54,200	65,100	44,500	194,000	1,380,000	33,300	11.3	53,900	-0.6	60,200	-8.3
Pacific	33,300	49,800	61,800	46,200	191,000	1,860,000	30,900	-7.2	50,400	1.1	57,300	-7.8
Total ⁵	325,000	527,000	612,000	482,000	1,950,000	17,400,000	353,000	8.7	548,000	4.0	580,000	-5.3

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	2011						2012					
	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	9,110	10,400	11,500	9,680	39,400	355,000	9,640	5.8	10,500	1.5	10,900	-5.3
Alaska	(4)	(4)	(4)	(4)	7,850	76,700	(4)	(4)	(4)	(4)	(4)	(4)
Arizona	7,710	9,280	8,830	7,850	33,700	298,000	7,930	2.8	8,780	-5.4	9,310	5.4
Arkansas	8,020	8,760	8,940	6,970	32,700	264,000	6,900	-13.9	8,720	-0.4	8,620	-3.6
California	21,300	31,400	38,000	30,300	121,000	1,310,000	19,200	-9.8	32,600	3.9	33,800	-11.1
Colorado	5,720	9,140	11,000	7,420	33,300	251,000	6,870	20.1	9,510	4.0	11,200	1.9
Connecticut	408	4,530	4,730	3,610	13,300	154,000	831	103	4,930	8.9	5,210	10.1
Delaware	W	W	W	W	W	W	W	W	W	W	W	W
Florida	12,300	13,700	13,900	12,500	52,400	629,000	13,600	10.3	13,300	-3.1	17,100	22.8
Georgia	9,850	12,800	11,700	9,580	43,900	465,000	9,770	-0.8	10,800	-15.6	10,600	-8.9
Hawaii	(4)	(4)	(4)	(4)	5,610	108,000	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	1,340	5,480	6,410	3,220	16,400	97,500	1,080	-19.3	4,850	-11.4	6,380	-0.6
Illinois	5,650	17,500	26,000	19,700	68,900	587,000	7,280	28.9	19,100	9.4	22,600	-13.2
Indiana	7,040	14,800	20,400	14,500	56,600	375,000	8,110	15.3	16,900	14.2	17,900	-12.3
Iowa	4,370	12,900	16,700	12,100	46,000	390,000	5,070	16.1	14,700	14.2	15,600	-6.5
Kansas	2,870	6,530	8,080	6,150	23,600	177,000	4,000	39.1	7,810	19.7	7,620	-5.8
Kentucky	9,520	14,100	16,800	13,800	54,200	443,000	6,530	-31.4	9,970	-29.4	10,600	-36.7
Louisiana	W	W	W	W	W	W	W	W	W	W	W	W
Maine	243	3,810	5,410	4,090	13,500	92,400	662	173	3,880	1.8	6,290	16.3
Maryland	4,800	9,850	9,960	8,770	33,400	349,000	5,750	19.8	8,540	-13.3	7,110	-28.6
Massachusetts	2,200	5,090	5,620	5,260	18,200	197,000	3,870	76.1	8,590	68.8	11,600	106
Michigan	3,070	15,800	22,700	14,000	55,600	322,000	4,910	59.7	18,700	18.3	21,900	-3.5
Minnesota	2,090	11,500	19,300	12,600	45,500	300,000	2,240	7.3	12,900	12.4	18,200	-5.9
Mississippi	2,750	4,650	4,660	3,800	15,900	167,000	2,910	6.0	4,840	4.1	4,720	1.4
Missouri	11,700	22,000	26,300	21,100	81,100	679,000	19,100	62.8	23,700	7.5	22,400	-15.0
Montana	807	4,020	4,820	2,030	11,700	102,000	942	16.7	3,740	-7.0	4,290	-11.1
Nebraska	2,640	6,530	6,670	6,230	22,100	174,000	4,210	59.4	9,560	46.5	6,710	0.6
Nevada	4,510	5,050	6,900	6,390	22,800	180,000	5,210	15.6	5,700	12.8	5,490	-20.3
New Hampshire	1,170	4,230	7,090	4,310	16,800	151,000	1,540	32.2	3,630	-14.2	4,700	-33.8
New Jersey	2,810	7,320	8,270	7,340	25,700	244,000	3,700	31.8	6,190	-15.4	5,960	-27.9
New Mexico	(4)	(4)	(4)	(4)	11,300	87,600	(4)	(4)	(4)	(4)	(4)	(4)
New York	5,940	17,400	22,200	16,200	61,800	621,000	7,560	27.3	16,300	-6.7	18,400	-17.2
North Carolina	10,200	13,900	13,600	11,100	48,800	657,000	10,200	-0.1	12,900	-7.4	14,600	7.3
North Dakota	(4)	(4)	(4)	(4)	21,300	85,500	(4)	(4)	(4)	(4)	(4)	(4)
Ohio	8,120	20,400	28,400	22,600	79,600	665,000	12,300	51.8	27,400	34.1	27,400	-3.7
Oklahoma	10,700	12,900	12,900	10,800	47,300	399,000	10,700	0.3	13,100	1.5	13,000	0.8
Oregon	4,150	8,750	11,400	6,880	31,200	248,000	4,190	1.0	7,120	-18.5	10,900	-4.8
Pennsylvania	12,500	30,200	34,000	26,500	103,000	1,250,000	17,700	41.4	29,500	-2.5	30,400	-10.6
Rhode Island	(4)	(4)	(4)	(4)	2,610	30,600	(4)	(4)	(4)	(4)	(4)	(4)
South Carolina	5,580	7,160	7,060	5,450	25,300	243,000	5,350	-4.2	6,540	-8.6	6,810	-3.6
South Dakota	857	4,790	7,350	3,830	16,800	86,900	1,370	59.2	11,200	134	6,930	-5.7
Tennessee	7,790	11,700	12,800	10,800	43,200	486,000	8,720	11.9	12,800	8.8	12,100	-5.4
Texas	44,200	48,300	50,800	42,400	186,000	1,380,000	48,900	10.7	55,900	15.6	55,100	8.5
Utah	5,260	10,700	15,300	10,300	41,600	262,000	6,050	15.0	11,300	5.7	11,900	-21.9
Vermont	278	2,050	3,260	2,000	7,590	71,700	426	53.4	2,910	41.8	3,590	10.2
Virginia	10,200	14,900	14,900	13,500	53,600	744,000	11,100	8.4	15,000	0.5	14,400	-3.5
Washington	7,870	9,700	12,300	8,980	38,900	304,000	7,520	-4.4	10,600	9.6	12,600	2.6
West Virginia	3,390	4,800	5,120	4,830	18,100	179,000	3,790	11.7	4,320	-10.1	4,220	-17.7
Wisconsin	5,390	10,600	15,100	13,800	44,900	250,000	6,020	11.7	16,100	51.0	12,900	-14.6
Wyoming	3,050	8,280	9,910	5,920	27,200	134,000	4,330	42.1	8,310	0.4	9,590	-3.2

W Withheld to avoid disclosing company proprietary data.

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

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⁴State not included in quarterly survey.