

Mineral Industry Surveys

For information, contact:

Jason Christopher Willett, Crushed Stone Commodity Specialist
Telephone: (703) 648-6473
E-mail: jwillett@usgs.gov

Wallace P. Bolen, Sand and Gravel Commodity Specialist
Telephone: (703) 648-7727
E-mail: wbolem@usgs.gov

Internet: <http://minerals.usgs.gov/minerals>

CRUSHED STONE AND SAND AND GRAVEL IN THE FOURTH QUARTER 2011

An estimated 281 million metric tons (Mt) of *crushed stone* was produced and shipped for consumption in the United States in the fourth quarter of 2011, a slight increase compared with that of the same period of 2010. The estimated annual output of *crushed stone* produced for consumption in 2011 was 1.14 billion metric tons (Gt), a slight decrease compared with that of 2010.

The estimated U.S. output of *construction sand and gravel* produced and shipped for consumption in the fourth quarter of 2010 was 197 Mt, an increase of 3.7% compared with that of the same period of 2010. The estimated annual output of *construction sand and gravel* produced for consumption in 2011 was 795 Mt, the same as that of 2010.

An estimated 477 Mt of total *aggregates* was produced and shipped for consumption in the United States in the fourth quarter of 2011, an increase of 2.4% compared with that of the same period of 2010. The estimated annual output of *aggregates* produced for consumption in 2011 was 1.93 Gt, a slight decrease compared with that of 2010.

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.

Shipments of portland cement increased by 7.5% in the fourth quarter of 2011, and annual consumption increased by 3.1% in 2011, compared with consumption in 2010. 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 fourth quarter of 2011 increased in six of the nine geographic divisions compared with that sold or used in the fourth quarter of 2010. Production-for-consumption of crushed stone increased in 25 of the 46 States that were estimated. The five leading States, in descending order of production-for-consumption, were Texas, Pennsylvania, Missouri, Ohio, and Illinois. Their combined total production-for-consumption was 96.1 Mt and represented 34% of the U.S. total.

The estimated production-for-consumption of *construction sand and gravel* in the fourth quarter of 2011 increased from fourth quarter 2010 levels in six of the nine geographic divisions. Production-for-consumption of construction sand and gravel increased in 21 of the 47 States that were estimated. The five leading States, in descending order of production-for-consumption, were California, Texas, Minnesota, Michigan, and Ohio. Their combined total production-for-consumption was 65.4 Mt and represented 33% of the U.S. total.

The estimated production-for-consumption of *aggregates* in the fourth quarter of 2011 increased in seven of the geographic divisions compared with that sold or used in the fourth quarter of 2010. Production-for-consumption of aggregates increased in 25 of the 48 States that were estimated.

The estimated total annual production-for-consumption of *aggregates* in 2011 increased, compared with that of 2010, in 22 of the 50 States that were estimated. The five leading States, in descending order of total annual output for 2011, were Texas, California, Pennsylvania, Missouri, and Ohio. Their combined total annual output was 571 Mt, a 4% increase compared with that of 2010.

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

(Thousand metric tons and thousand dollars)

Region/Division	2010					
	Quantity					Value, 1st - 4th qtr. ²
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.	1st - 4th qtr. ²	
Northeast:						
New England	2,010	9,820	12,200	8,900	33,000	362,000
Middle Atlantic	15,100	39,600	45,200	32,900	133,000	1,540,000
Midwest:						
East North Central	19,800	53,300	68,100	47,800	189,000	1,410,000
West North Central	17,000	39,900	46,400	34,900	139,000	1,230,000
South:						
South Atlantic	45,600	65,900	63,500	51,500	227,000	2,810,000
East South Central	23,300	38,200	36,800	30,000	128,000	1,290,000
West South Central	41,400	53,100	50,200	46,000	191,000	1,480,000
West:						
Mountain	6,810	12,800	14,100	9,750	47,700	383,000
Pacific	11,800	15,600	20,100	15,200	62,800	568,000
Total ²	195,000	332,000	352,000	276,000	1,160,000 ⁴	11,200,000 ⁴

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	2011									
	Quantity		Percent		Quantity		Percent		Quantity, Value,	
	1st qtr.	change ³	2nd qtr.	change ³	3rd qtr.	change ³	4th qtr.	change ³	1st - 4th qtr. ²	1st - 4th qtr. ²
Northeast:										
New England	2,000	-0.2	9,300	-5.4	12,100	-1.3	9,420	5.8	32,800	367,000
Middle Atlantic	15,400	2.2	39,900	0.5	46,600	3.1	37,100	12.8	139,000	1,650,000
Midwest:										
East North Central	17,900	-9.5	47,400	-11.1	66,100	-3.2	51,400	7.4	183,000	1,410,000
West North Central	16,500	-2.5	38,400	-3.8	47,500	2.3	36,400	4.5	140,000	1,270,000
South:										
South Atlantic	46,700	2.6	64,000	-2.9	63,000	-0.9	53,200	3.2	227,000	2,880,000
East South Central	23,500	1.0	31,200	-18.4	34,000	-8.5	28,700	-4.5	117,000	1,210,000
West South Central	42,700	3.2	47,900	-9.7	49,500	-1.5	40,800	-11.2	181,000	1,430,000
West:										
Mountain	7,570	11.1	13,900	9.0	14,800	5.3	10,600	9.0	51,200	417,000
Pacific	12,800	8.1	17,900	14.4	21,000	4.3	15,100	-0.7	66,800	619,000
Total ²	197,000	1.3	311,000	-6.3	349,000	-0.8	281,000	1.5	1,140,000 ⁴	11,300,000 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 by divisions.

³Compared with same period of preceding year; all percentages are calculated using unrounded totals.

⁴Includes all 50 States.

TABLE 2
SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION¹

(Thousand metric tons and thousand dollars)

Region/Division	2010					Value, 1st - 4th qtr. ²
	Quantity				1st - 4th qtr. ²	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.		
Northeast:						
New England	2,220	10,200	12,900	9,360	36,100	298,000
Middle Atlantic	6,330	16,300	18,000	13,400	54,100	471,000
Midwest:						
East North Central	11,300	36,600	48,700	31,000	128,000	798,000
West North Central	8,580	31,800	40,200	27,100	107,000	557,000
South:						
South Atlantic	10,200	14,300	13,600	12,600	50,700	390,000
East South Central	4,940	9,900	11,100	8,310	34,300	230,000
West South Central	23,900	31,200	27,800	26,500	109,000	853,000
West:						
Mountain	23,900	43,900	50,900	35,900	155,000	1,050,000
Pacific	20,000	29,300	37,500	26,600	113,000	1,090,000
Total ²	126,000	225,000	254,000	190,000	795,000 ⁴	5,810,000 ⁴

See footnotes at end of table.

TABLE 2—Continued
SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION¹

(Thousand metric tons and thousand dollars)

Region/Division	2011									
	Quantity 1st qtr.	Percent change ³	Quantity 2nd qtr.	Percent change ³	Quantity 3rd qtr.	Percent change ³	Quantity 4th qtr.	Percent change ³	Quantity, 1st - 4th qtr. ²	Value, 1st - 4th qtr. ²
Northeast:										
New England	2,910	30.8	10,700	4.8	14,200	9.6	9,960	6.5	39,200	329,000
Middle Atlantic	6,360	0.4	14,900	-8.7	17,600	-2.0	12,800	-4.6	51,700	467,000
Midwest:										
East North Central	10,200	-9.4	32,300	-11.6	47,200	-3.1	33,000	6.5	123,000	793,000
West North Central	8,070	-5.9	30,700	-3.3	45,200	11.1	32,700	20.7	117,000	618,000
South:										
South Atlantic	10,200	-0.3	13,900	-2.2	13,700	1.0	12,900	2.2	50,800	408,000
East South Central	4,730	-4.2	9,660	-2.3	12,100	8.1	9,450	13.7	35,400	240,000
West South Central	25,300	5.9	27,800	-10.9	29,200	4.8	24,700	-7.0	107,000	850,000
West:										
Mountain	19,700	-17.5	41,300	-5.9	51,300	0.7	34,500	-4.1	147,000	996,000
Pacific	20,100	0.6	33,700	15.1	40,400	7.1	30,200	13.5	124,000	1,250,000
Total ²	122,000	-3.3	216,000	-4.1	261,000	2.6	197,000	3.7	795,000 ⁴	5,960,000 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 by divisions.

³Compared with same period of preceding year; all percentages are calculated using unrounded totals.

⁴Includes all 50 States.

TABLE 3
AGGREGATES SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION¹

(Thousand metric tons and thousand dollars)

Region/Division	2010					Value, 1st - 4th qtr. ²
	Quantity				1st - 4th qtr. ²	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.		
Northeast:						
New England	4,150	19,600	24,600	17,800	69,000	660,000
Middle Atlantic	21,400	56,000	63,200	46,300	187,000	2,010,000
Midwest:						
East North Central	31,100	89,900	117,000	78,800	317,000	2,210,000
West North Central	24,700	65,300	80,000	58,700	246,000	1,780,000
South:						
South Atlantic	55,800	80,200	77,100	64,100	277,000	3,200,000
East South Central	28,200	48,100	48,000	38,300	163,000	1,520,000
West South Central	65,300	84,300	78,000	72,500	300,000	2,330,000
West:						
Mountain	28,800	53,200	61,800	42,600	202,000	1,430,000
Pacific	31,800	44,900	57,600	41,800	176,000	1,660,000
Total ²	321,000	557,000	606,000	466,000	1,950,000 ⁴	17,000,000 ⁴

See footnotes at end of table.

TABLE 3—Continued
AGGREGATES SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION¹

(Thousand metric tons and thousand dollars)

Region/Division	2011									
	Quantity 1st qtr.	Percent change ³	Quantity 2nd qtr.	Percent change ³	Quantity 3rd qtr.	Percent change ³	Quantity 4th qtr.	Percent change ³	Quantity, 1st - 4th qtr. ²	Value, 1st - 4th qtr. ²
Northeast:										
New England	4,830	16.4	19,700	0.5	25,900	5.0	19,000	6.7	72,200	696,000
Middle Atlantic	21,800	1.7	54,800	-2.2	64,300	1.7	49,900	7.8	191,000	2,120,000
Midwest:										
East North Central	28,100	-9.5	79,700	-11.3	113,000	-3.1	84,400	7.0	306,000	2,200,000
West North Central	24,200	-2.2	64,300	-1.5	84,600	5.4	62,000	5.7	253,000	1,890,000
South:										
South Atlantic	56,900	2.1	77,900	-2.8	76,700	-0.5	65,900	2.8	277,000	3,290,000
East South Central	28,200	0.0	40,900	-15.1	46,100	-4.1	38,100	-0.6	153,000	1,450,000
West South Central	68,000	4.2	75,700	-10.1	78,600	0.9	65,500	-9.6	288,000	2,280,000
West:										
Mountain	26,100	-9.3	52,800	-0.7	64,000	3.4	43,700	2.5	202,000	1,410,000
Pacific	32,900	3.4	51,600	14.8	61,400	6.1	45,300	8.3	191,000	1,860,000
Total ²	319,000	-0.5	527,000	-5.4	610,000	0.7	477,000	2.4	1,930,000 ⁴	17,300,000 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 by divisions.

³Compared with same period of preceding year; all percentages are calculated using unrounded totals.

⁴Includes all 50 States.

TABLE 4
CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE¹

(Thousand metric tons and thousand dollars)

State	2010					Value, 1st - 4th qtr. ²
	Quantity					
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.	1st - 4th qtr. ²	
Alabama	7,910	10,400	9,390	7,660	35,400	331,000
Alaska	(4)	(4)	(4)	(4)	1,510	22,600
Arizona	1,940	2,530	2,180	1,630	8,280	80,300
Arkansas	6,930	8,760	8,610	6,730	31,000	238,000
California	5,850	8,180	10,000	7,670	31,700	313,000
Colorado	1,110	1,890	2,390	1,930	7,320	58,400
Connecticut	299	2,400	2,620	1,930	7,250	92,700
Delaware	W	W	W	W	W	W
Florida	10,300	11,600	10,700	10,100	42,800	548,000
Georgia	9,200	12,900	12,000	8,820	42,900	466,000
Hawaii	(4)	(4)	(4)	(4)	4,750	91,900
Idaho	262	1,170	1,270	1,340	4,030	23,900
Illinois	5,410	15,100	17,800	14,700	53,100	477,000
Indiana	5,430	13,000	14,700	11,200	44,300	291,000
Iowa	2,610	10,200	10,700	8,310	31,800	292,000
Kansas	2,540	4,310	5,570	4,360	16,800	143,000
Kentucky	8,220	14,200	14,400	12,300	49,200	425,000
Louisiana	W	W	W	W	W	W
Maine	176	942	1,440	872	3,430	30,200
Maryland	3,040	5,820	7,130	5,690	21,700	221,000
Massachusetts	766	3,240	3,510	2,920	10,400	120,000
Michigan	1,180	6,220	8,830	5,690	21,900	122,000
Minnesota	287	2,330	2,970	1,770	7,350	90,200
Mississippi	495	762	876	772	2,910	65,500
Missouri	10,200	19,400	22,900	17,700	70,200	595,000
Montana	327	556	883	256	2,020	21,200
Nebraska	896	2,100	2,180	1,590	6,760	70,100
Nevada	1,440	2,110	2,050	1,370	6,970	80,800
New Hampshire	357	1,140	1,660	1,160	4,320	39,500
New Jersey	1,570	4,390	4,910	3,490	14,400	119,000
New Mexico	(4)	(4)	(4)	(4)	4,280	34,100
New York	2,830	9,470	12,000	8,730	33,000	367,000
North Carolina	8,150	12,600	11,300	8,510	40,500	591,000
North Dakota	(4)	(4)	(4)	(4)	835	3,770
Ohio	4,740	12,400	18,400	11,600	47,200	394,000
Oklahoma	8,050	11,000	10,700	9,250	39,000	343,000
Oregon	2,770	3,730	5,960	3,810	16,300	122,000
Pennsylvania	10,700	25,800	28,300	20,700	85,500	1,050,000
Rhode Island	84	421	513	421	1,440	15,800
South Carolina	4,310	5,580	5,250	4,030	19,200	215,000
South Dakota	454	1,550	2,040	1,140	4,890	32,200
Tennessee	6,620	12,800	12,200	9,300	40,900	464,000
Texas	25,100	31,600	29,100	28,600	114,000	807,000
Utah	900	1,530	2,030	1,380	5,840	43,800
Vermont	323	1,680	2,490	1,590	6,080	64,100
Virginia	7,960	13,000	12,700	10,500	44,100	613,000
Washington	3,200	3,730	4,130	3,730	14,800	133,000
West Virginia	2,460	4,210	4,300	3,720	14,700	141,000
Wisconsin	3,040	6,550	8,420	4,580	22,600	130,000
Wyoming	828	2,970	3,250	1,850	8,910	40,300

See footnotes at end of table.

TABLE 4—Continued
 CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE¹

(Thousand metric tons and thousand dollars)

State	2011									
	Quantity 1st qtr.	Percent change ³	Quantity 2nd qtr.	Percent change ³	Quantity 3rd qtr.	Percent change ³	Quantity 4th qtr.	Percent change ³	Quantity, 1st - 4th qtr. ²	Value, 1st - 4th qtr. ²
Alabama	7,380	-6.8	8,770	-16.0	9,400	0.1	7,760	1.4	33,300	320,000
Alaska	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	1,480	22,800
Arizona	2,030	4.7	2,160	-14.6	1,990	-8.9	2,030	24.2	8,200	81,700
Arkansas	6,330	-8.7	6,440	-26.5	6,410	-25.5	4,990	-25.8	24,200	190,000
California	7,140	22.1	9,080	10.9	10,200	1.6	8,100	5.6	34,500	350,000
Colorado	1,350	21.2	1,770	-6.6	1,660	-30.3	1,280	-33.7	6,060	49,600
Connecticut	285	-4.6	2,440	1.8	2,610	-0.7	2,060	6.9	7,400	97,100
Delaware	W	W	W	W	W	W	W	W	W	W
Florida	9,560	-7.4	10,500	-9.2	10,700	-0.1	9,660	-4.8	40,500	532,000
Georgia	8,810	-4.2	11,500	-10.9	10,500	-12.9	8,540	-3.1	39,300	438,000
Hawaii	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	4,680	93,000
Idaho	157	-40.2	1,860	60.0	1,640	29.8	717	-46.4	4,380	26,700
Illinois	5,230	-3.4	12,200	-19.3	18,100	1.4	13,900	-5.7	49,400	456,000
Indiana	5,030	-7.4	10,500	-19.0	14,100	-4.3	10,300	-7.4	40,000	270,000
Iowa	3,290	26.0	9,010	-12.0	11,300	5.8	8,550	3.0	32,200	303,000
Kansas	1,530	-39.9	4,160	-3.3	5,120	-8.1	4,010	-7.9	14,800	129,000
Kentucky	8,450	2.8	11,300	-20.3	12,700	-11.8	10,700	-13.1	43,200	383,000
Louisiana	W	W	W	W	W	W	W	W	W	W
Maine	176	0.0	1,050	11.0	1,650	14.6	1,080	23.4	3,950	35,700
Maryland	3,640	19.5	7,200	23.7	7,310	2.5	5,670	-0.2	23,800	249,000
Massachusetts	760	-0.8	2,900	-10.6	3,310	-5.7	3,190	9.5	10,200	120,000
Michigan	1,210	2.3	6,140	-1.2	8,650	-2.1	5,420	-4.6	21,400	122,000
Minnesota	412	43.7	2,810	20.9	3,860	30.0	2,310	30.6	9,400	118,000
Mississippi	625	26.1	769	0.8	694	-20.8	566	-26.7	2,650	61,400
Missouri	10,100	-0.4	18,600	-4.0	22,400	-2.2	18,100	2.4	69,300	603,000
Montana	211	-35.4	574	3.2	884	0.1	207	-19.1	1,880	20,200
Nebraska	893	-0.3	2,080	-1.1	2,220	2.1	2,100	32.1	7,290	77,600
Nevada	1,610	11.7	1,770	-15.9	1,940	-5.5	2,190	60.0	7,520	89,400
New Hampshire	365	2.1	1,410	23.9	2,240	35.2	1,750	50.2	5,760	54,100
New Jersey	1,560	-0.7	3,990	-9.0	4,820	-1.8	4,340	24.2	14,700	125,000
New Mexico	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	4,220	34,500
New York	2,660	-6.1	10,000	5.8	12,700	6.2	9,280	6.3	34,700	396,000
North Carolina	8,450	3.7	11,700	-7.3	11,300	0.3	9,330	9.6	40,800	611,000
North Dakota	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	823	3,820
Ohio	4,250	-10.4	13,100	5.8	17,900	-2.5	14,500	24.7	49,800	428,000
Oklahoma	8,310	3.2	10,200	-6.6	10,200	-5.4	8,470	-8.5	37,200	336,000
Oregon	2,600	-6.2	5,490	47.1	6,950	16.5	4,070	6.8	19,100	147,000
Pennsylvania	11,200	4.8	25,800	0.2	29,100	2.7	23,500	13.6	89,700	1,130,000
Rhode Island	84	0.0	283	-32.9	426	-16.9	356	-15.5	1,150	12,900
South Carolina	4,200	-2.5	5,390	-3.4	5,080	-3.3	3,910	-2.9	18,600	214,000
South Dakota	271	-40.3	1,690	8.9	2,530	24.3	1,330	16.3	5,820	39,400
Tennessee	7,020	6.0	10,300	-19.2	11,100	-8.3	9,650	3.8	38,100	445,000
Texas	26,800	6.8	29,900	-5.4	31,400	8.1	26,100	-8.9	114,000	827,000
Utah	1,030	14.6	2,440	59.3	3,250	60.2	2,250	63.1	8,970	69,100
Vermont	332	2.6	1,210	-27.7	1,840	-26.2	979	-38.5	4,360	47,200
Virginia	8,720	9.6	12,800	-1.5	12,900	2.0	11,200	6.7	45,700	651,000
Washington	3,040	-5.0	3,330	-10.8	3,890	-5.8	2,930	-21.4	13,200	122,000
West Virginia	3,260	32.4	4,710	11.9	5,030	16.9	4,740	27.3	17,700	175,000
Wisconsin	2,210	-27.3	5,370	-18.0	7,360	-12.6	7,170	56.6	22,100	131,000
Wyoming	1,180	42.2	3,330	12.0	3,470	6.7	1,970	6.1	9,950	46,200

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.

³Compared with same period of preceding year; all percentages are calculated using unrounded totals.

⁴State not included in quarterly survey.

TABLE 5
SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE¹

(Thousand metric tons and thousand dollars)

State	2010					
	Quantity				Value,	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.	1st - 4th qtr. ²	1st - 4th qtr. ²
Alabama	1,750	2,560	2,990	2,820	10,100	56,200
Alaska	(4)	(4)	(4)	(4)	6,340	52,300
Arizona	8,300	10,600	8,990	7,370	35,200	291,000
Arkansas	1,700	2,820	2,530	2,000	9,050	76,800
California	12,400	19,300	25,700	17,300	74,700	809,000
Colorado	4,350	7,460	9,990	7,130	28,900	209,000
Connecticut	187	2,060	2,080	1,580	5,910	55,300
Delaware	125	248	153	1,100	1,620	12,300
Florida	2,920	3,440	3,240	2,860	12,500	98,900
Georgia	1,160	1,500	1,390	1,080	5,120	28,400
Hawaii	(4)	(4)	(4)	(4)	932	14,200
Idaho	1,370	3,690	5,270	3,360	13,700	78,200
Illinois	1,880	5,390	6,970	5,210	19,400	128,000
Indiana	2,520	5,630	6,240	4,210	18,600	115,000
Iowa	947	3,890	5,300	3,620	13,800	84,800
Kansas	1,180	2,340	3,240	2,850	9,610	50,300
Kentucky	654	1,720	2,040	1,320	5,740	30,000
Louisiana	4,710	6,070	5,160	4,890	20,800	190,000
Maine	381	2,230	3,250	1,980	7,840	45,100
Maryland	1,190	2,120	2,430	2,390	8,120	82,700
Massachusetts	1,010	2,570	3,000	3,130	9,700	91,400
Michigan	1,640	10,300	13,500	8,220	33,600	192,000
Minnesota	1,410	9,720	13,700	7,440	32,300	158,000
Mississippi	1,670	3,930	4,090	2,840	12,500	97,100
Missouri	1,680	3,310	3,860	2,930	11,800	73,200
Montana	655	3,030	3,980	2,470	10,100	81,800
Nebraska	1,780	3,690	3,940	3,130	12,500	79,900
Nevada	2,620	4,700	4,940	2,880	15,100	87,500
New Hampshire	475	1,680	2,690	1,550	6,390	54,300
New Jersey	1,570	3,570	3,770	1,130	10,000	105,000
New Mexico	1,920	3,440	3,150	3,050	11,600	84,400
New York	3,230	8,470	9,450	9,480	30,600	248,000
North Carolina	1,610	2,560	2,230	1,720	8,130	45,700
North Dakota	838	6,330	6,540	3,280	17,000	66,100
Ohio	2,630	8,190	11,700	7,330	29,900	232,000
Oklahoma	2,090	2,750	2,670	2,490	10,000	60,500
Oregon	2,300	2,340	3,990	2,780	11,400	93,000
Pennsylvania	1,540	4,300	4,740	2,810	13,400	118,000
Rhode Island	(4)	(4)	(4)	(4)	1,450	17,100
South Carolina	1,520	2,080	1,930	1,580	7,100	30,200
South Dakota	741	2,490	3,650	3,850	10,500	44,300
Tennessee	863	1,690	2,030	1,330	5,900	47,000
Texas	15,400	19,600	17,400	17,100	69,500	525,000
Utah	3,410	6,700	8,970	6,580	25,700	148,000
Vermont	173	1,630	1,840	1,120	4,770	35,200
Virginia	1,620	2,200	2,100	1,770	7,690	88,200
Washington	5,360	7,610	7,770	6,510	27,200	188,000
West Virginia	84	120	122	122	448	3,740
Wisconsin	2,600	7,080	10,300	6,030	26,000	133,000
Wyoming	1,290	4,300	5,630	3,100	14,300	71,500

See footnotes at end of table.

TABLE 5—Continued
SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE¹

(Thousand metric tons and thousand dollars)

State	2011									
	Quantity 1st qtr.	Percent change ³	Quantity 2nd qtr.	Percent change ³	Quantity 3rd qtr.	Percent change ³	Quantity 4th qtr.	Percent change ³	Quantity, 1st - 4th qtr. ²	Value, 1st - 4th qtr. ²
Alabama	1,550	-11.4	1,590	-37.8	1,880	-37.0	1,660	-41.3	6,090	34,800
Alaska	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	6,370	53,900
Arizona	5,640	-32.0	7,270	-31.1	6,760	-24.8	5,810	-21.2	25,500	216,000
Arkansas	1,690	-0.5	2,310	-18.2	2,540	0.2	1,980	-1.1	8,510	74,200
California	13,500	8.9	23,800	23.3	27,800	7.9	21,500	24.5	86,600	963,000
Colorado	4,240	-2.5	7,400	-0.7	9,380	-6.2	6,180	-13.4	27,200	202,000
Connecticut	182	-2.6	2,060	0.0	2,100	0.8	1,530	-2.7	5,880	56,500
Delaware	115	-7.5	179	-27.9	149	-2.5	1,160	5.5	1,600	12,500
Florida	2,770	-5.0	3,160	-8.4	3,190	-1.7	2,850	-0.4	12,000	97,400
Georgia	1,020	-12.0	1,360	-9.1	1,220	-11.9	1,040	-3.2	4,640	26,400
Hawaii	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	936	14,600
Idaho	1,050	-23.1	3,720	0.8	4,800	-8.9	2,500	-25.7	12,100	70,800
Illinois	1,780	-5.3	5,030	-6.7	7,360	5.6	5,280	1.4	19,400	131,000
Indiana	2,090	-17.1	4,340	-23.0	6,310	1.2	3,950	-6.2	16,700	106,000
Iowa	1,100	15.6	3,840	-1.1	5,380	1.5	3,510	-3.0	13,800	87,600
Kansas	930	-21.3	2,490	6.5	3,130	-3.4	2,270	-20.6	8,820	47,400
Kentucky	607	-7.2	2,710	57.2	4,420	116.9	3,330	151.9	11,100	59,500
Louisiana	4,450	-5.3	4,250	-30.1	4,280	-17.0	3,860	-21.2	16,800	158,000
Maine	381	0.0	2,680	20.2	3,620	11.3	2,930	47.6	9,600	56,700
Maryland	1,290	8.9	2,870	35.6	2,880	18.6	2,520	5.1	9,560	100,000
Massachusetts	1,460	44.6	2,290	-10.8	2,230	-25.8	2,030	-35.1	8,000	77,400
Michigan	1,820	10.7	9,660	-6.0	14,100	4.6	8,540	4.0	34,100	200,000
Minnesota	1,660	17.6	8,670	-10.8	15,500	13.1	10,300	37.8	36,100	182,000
Mississippi	1,820	8.7	3,950	0.7	4,130	1.1	3,300	16.2	13,200	105,000
Missouri	1,670	-0.6	3,380	2.1	3,840	-0.6	2,910	-0.6	11,800	75,300
Montana	461	-29.5	3,500	15.6	3,990	0.1	1,860	-24.7	9,810	81,300
Nebraska	1,780	-0.1	4,450	20.7	4,440	12.7	4,120	31.7	14,800	96,800
Nevada	2,500	-4.8	3,450	-26.5	5,050	2.3	4,320	50.1	15,300	91,000
New Hampshire	674	42.0	2,870	70.9	4,970	85.2	2,520	63.0	11,000	96,400
New Jersey	1,470	-6.2	3,270	-8.6	3,370	-10.8	2,930	160.3	11,000	119,000
New Mexico	1,170	-39.0	2,370	-31.0	2,130	-32.5	1,410	-53.8	7,080	53,100
New York	3,000	-6.9	7,520	-11.2	9,570	1.2	7,010	-26.0	27,100	225,000
North Carolina	1,700	5.4	2,270	-11.3	2,160	-3.2	1,900	10.1	8,030	46,400
North Dakota	436	-48.0	4,750	-24.9	8,120	24.2	7,140	117.5	20,500	81,700
Ohio	2,530	-3.8	7,640	-6.8	11,100	-5.7	8,540	16.5	29,800	237,000
Oklahoma	2,310	10.6	2,690	-2.4	2,800	4.7	2,320	-6.8	10,100	62,800
Oregon	2,140	-6.8	3,080	31.5	4,220	5.8	2,660	-4.5	12,100	101,000
Pennsylvania	1,890	22.6	4,140	-3.7	4,680	-1.2	2,850	1.7	13,600	123,000
Rhode Island	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	1,460	17,700
South Carolina	1,510	-0.5	1,790	-14.0	1,890	-2.1	1,480	-6.0	6,670	29,100
South Dakota	507	-31.6	3,130	25.6	4,850	32.8	2,510	-34.7	11,000	47,600
Tennessee	756	-12.4	1,410	-16.5	1,680	-17.1	1,160	-12.7	5,000	40,900
Texas	16,900	9.5	18,600	-5.1	19,600	12.4	16,500	-3.6	71,500	555,000
Utah	3,030	-11.3	8,560	27.7	12,700	41.2	8,370	27.2	32,600	193,000
Vermont	213	23.1	762	-53.3	1,300	-29.3	950	-15.3	3,230	24,500
Virginia	1,750	7.8	2,200	0.1	2,120	1.2	1,840	3.9	7,910	93,200
Washington	4,530	-15.5	6,800	-10.7	8,370	7.7	5,990	-8.0	25,700	182,000
West Virginia	42	-49.8	122	1.4	121	-0.1	117	-3.6	403	3,460
Wisconsin	1,990	-23.3	5,680	-19.8	8,400	-18.2	6,690	10.9	22,800	119,000
Wyoming	1,640	27.3	5,000	16.2	6,540	16.1	4,030	30.2	17,200	88,300

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.

³Compared with same period of preceding year; all percentages are calculated using unrounded totals.

⁴State not included in quarterly survey.

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

(Thousand metric tons and thousand dollars)

State	2010					Value, 1st - 4th qtr. ²
	Quantity				1st - 4th qtr. ²	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.		
Alabama	9,670	13,000	12,400	10,500	45,500	388,000
Alaska	(4)	(4)	(4)	(4)	7,850	74,800
Arizona	10,200	13,100	11,200	9,000	43,500	371,000
Arkansas	8,630	11,600	11,100	8,730	40,100	315,000
California	18,200	27,500	35,800	25,000	106,000	1,120,000
Colorado	5,460	9,350	12,400	9,060	36,300	267,000
Connecticut	485	4,460	4,710	3,510	13,200	148,000
Delaware	125	248	153	1,100	1,620	12,300
Florida	13,200	15,000	14,000	13,000	55,300	646,000
Georgia	10,400	14,400	13,400	9,900	48,000	494,000
Hawaii	(4)	(4)	(4)	(4)	5,680	106,000
Idaho	1,630	4,850	6,530	4,690	17,700	102,000
Illinois	7,290	20,500	24,800	20,000	72,600	605,000
Indiana	7,950	18,600	20,900	15,400	62,900	406,000
Iowa	3,560	14,100	16,000	11,900	45,600	377,000
Kansas	3,720	6,650	8,810	7,210	26,400	193,000
Kentucky	8,880	15,900	16,500	13,600	54,900	455,000
Louisiana	4,710	6,070	5,160	4,890	20,800	190,000
Maine	558	3,170	4,690	2,850	11,300	75,300
Maryland	4,230	7,940	9,560	8,080	29,800	303,000
Massachusetts	1,770	5,810	6,510	6,050	20,100	211,000
Michigan	2,820	16,500	22,300	13,900	55,500	313,000
Minnesota	1,700	12,000	16,700	9,210	39,600	249,000
Mississippi	2,170	4,690	4,960	3,610	15,400	163,000
Missouri	11,900	22,700	26,800	20,600	82,000	668,000
Montana	982	3,580	4,870	2,720	12,200	103,000
Nebraska	2,680	5,790	6,120	4,720	19,300	150,000
Nevada	4,070	6,810	6,990	4,250	22,100	168,000
New Hampshire	832	2,820	4,340	2,710	10,700	93,800
New Jersey	3,140	7,960	8,680	4,620	24,400	224,000
New Mexico	(4)	(4)	(4)	(4)	15,800	119,000
New York	6,050	17,900	21,400	18,200	63,600	615,000
North Carolina	9,770	15,200	13,500	10,200	48,700	637,000
North Dakota	(4)	(4)	(4)	(4)	17,800	69,900
Ohio	7,380	20,600	30,100	19,000	77,000	626,000
Oklahoma	10,100	13,700	13,400	11,700	49,000	404,000
Oregon	5,070	6,070	9,960	6,590	27,700	215,000
Pennsylvania	12,200	30,100	33,100	23,500	98,900	1,170,000
Rhode Island	(4)	(4)	(4)	(4)	2,890	32,900
South Carolina	5,820	7,660	7,180	5,610	26,300	245,000
South Dakota	1,200	4,040	5,690	4,990	15,400	76,500
Tennessee	7,480	14,500	14,200	10,600	46,800	511,000
Texas	40,500	51,200	46,500	45,800	184,000	1,330,000
Utah	4,320	8,230	11,000	7,960	31,500	192,000
Vermont	496	3,310	4,330	2,720	10,900	99,300
Virginia	9,580	15,200	14,800	12,200	51,800	701,000
Washington	8,560	11,300	11,900	10,200	42,000	321,000
West Virginia	2,550	4,330	4,420	3,840	15,100	145,000
Wisconsin	5,640	13,600	18,700	10,600	48,600	263,000
Wyoming	2,110	7,270	8,890	4,950	23,200	112,000

See footnotes at end of table.

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

(Thousand metric tons and thousand dollars)

State	2011									
	Quantity 1st qtr.	Percent change ³	Quantity 2nd qtr.	Percent change ³	Quantity 3rd qtr.	Percent change ³	Quantity 4th qtr.	Percent change ³	Quantity, 1st - 4th qtr. ²	Value, 1st - 4th qtr. ²
Alabama	8,930	-7.6	10,400	-20.3	11,300	-8.8	9,420	-10.1	39,400	355,000
Alaska	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	7,780	76,700
Arizona	7,670	-25.1	9,430	-27.9	8,740	-21.7	7,840	-13.0	33,700	298,000
Arkansas	8,010	-7.1	8,750	-24.5	8,950	-19.7	6,970	-20.2	32,700	264,000
California	20,600	13.1	32,900	19.6	38,000	6.1	29,600	18.7	121,000	1,310,000
Colorado	5,590	2.4	9,170	-1.9	11,000	-10.8	7,450	-17.7	33,300	251,000
Connecticut	467	-3.8	4,510	1.0	4,710	0.0	3,600	2.6	13,300	154,000
Delaware	115	-7.5	179	-27.9	149	-2.5	1,160	5.5	1,600	12,500
Florida	12,300	-6.9	13,700	-9.0	13,900	-0.5	12,500	-3.8	52,400	629,000
Georgia	9,830	-5.1	12,800	-10.7	11,700	-12.8	9,590	-3.1	43,900	465,000
Hawaii	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	5,630	108,000
Idaho	1,210	-25.8	5,580	15.0	6,440	-1.4	3,210	-31.6	16,400	97,500
Illinois	7,000	-3.9	17,300	-16.0	25,400	2.6	19,200	-3.8	68,900	587,000
Indiana	7,120	-10.5	14,800	-20.2	20,400	-2.7	14,300	-7.1	56,600	375,000
Iowa	4,390	23.2	12,900	-9.0	16,700	4.3	12,100	1.2	46,000	390,000
Kansas	2,460	-34.0	6,660	0.1	8,240	-6.4	6,280	-12.9	23,600	177,000
Kentucky	9,060	2.1	14,000	-11.9	17,100	4.1	14,000	2.9	54,200	443,000
Louisiana	4,450	-5.3	4,250	-30.1	4,280	-17.0	3,860	-21.2	16,800	158,000
Maine	558	0.0	3,720	17.4	5,270	12.3	4,000	40.2	13,500	92,400
Maryland	4,930	16.5	10,100	26.9	10,200	6.6	8,190	1.3	33,400	349,000
Massachusetts	2,220	25.0	5,190	-10.7	5,540	-14.9	5,230	-13.6	18,200	197,000
Michigan	3,020	7.2	15,800	-4.2	22,800	1.9	14,000	0.5	55,600	322,000
Minnesota	2,070	22.0	11,500	-4.6	19,300	16.1	12,600	36.4	45,500	300,000
Mississippi	2,440	12.7	4,720	0.7	4,830	-2.8	3,870	7.0	15,900	167,000
Missouri	11,800	-0.4	22,000	-3.1	26,300	-1.9	21,000	2.0	81,100	679,000
Montana	673	-31.5	4,070	13.7	4,870	0.1	2,060	-24.2	11,700	102,000
Nebraska	2,670	-0.2	6,530	12.8	6,660	8.9	6,220	31.9	22,100	174,000
Nevada	4,110	1.1	5,230	-23.2	7,000	0.0	6,510	53.3	22,800	180,000
New Hampshire	1,040	24.8	4,280	51.9	7,210	66.1	4,270	57.5	16,800	151,000
New Jersey	3,030	-3.5	7,260	-8.8	8,190	-5.7	7,260	57.4	25,700	244,000
New Mexico	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	15,700	87,600
New York	5,660	-6.5	17,500	-2.2	22,300	4.0	16,300	-10.5	61,800	621,000
North Carolina	10,200	3.9	14,000	-8.0	13,500	-0.2	11,200	9.7	48,800	657,000
North Dakota	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	17,700	85,500
Ohio	6,780	-8.0	20,800	0.8	29,000	-3.7	23,100	21.6	79,600	665,000
Oklahoma	10,600	4.7	12,900	-5.7	13,000	-3.4	10,800	-8.1	47,300	399,000
Oregon	4,740	-6.5	8,570	41.1	11,200	12.2	6,720	2.1	31,200	248,000
Pennsylvania	13,100	7.0	30,000	-0.3	33,800	2.2	26,400	12.2	103,000	1,250,000
Rhode Island	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	2,870	30,600
South Carolina	5,710	-2.0	7,180	-6.2	6,970	-2.9	5,390	-3.8	25,300	243,000
South Dakota	778	-34.9	4,810	19.2	7,380	29.7	3,840	-23.0	16,800	86,900
Tennessee	7,770	3.9	11,700	-18.9	12,800	-9.6	10,800	1.7	43,200	486,000
Texas	43,600	7.8	48,500	-5.3	51,000	9.7	42,600	-6.9	186,000	1,380,000
Utah	4,060	-5.9	11,000	33.6	15,900	44.7	10,600	33.4	41,600	262,000
Vermont	545	9.8	1,980	-40.3	3,140	-27.5	1,930	-28.9	7,590	71,700
Virginia	10,500	9.3	15,000	-1.3	15,000	1.9	13,000	6.3	53,600	744,000
Washington	7,570	-11.6	10,100	-10.7	12,300	3.0	8,910	-12.9	38,900	304,000
West Virginia	3,300	29.6	4,830	11.6	5,150	16.5	4,740	23.2	17,700	179,000
Wisconsin	4,200	-25.4	11,100	-18.9	15,800	-15.7	13,900	30.6	44,900	250,000
Wyoming	2,810	33.1	8,330	14.5	10,000	12.7	6,000	21.2	27,200	134,000

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.

³Compared with same period of preceding year; all percentages are calculated using unrounded totals.

⁴State not included in quarterly survey.