

Mineral Industry Surveys

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CRUSHED STONE AND SAND AND GRAVEL IN THE FOURTH QUARTER 2009

An estimated 255 million metric tons (Mt) of *crushed stone* was produced and shipped for consumption in the United States in the fourth quarter of 2009, a decrease of 20% compared with that of the same period of 2008. The estimated annual output of *crushed stone* produced for consumption in 2009 was 1.11 billion metric tons (Gt), a 23% decrease compared with that of 2008.

The estimated U.S. output of *construction sand and gravel* produced and shipped for consumption in the fourth quarter of 2009 was 177 Mt, a decrease of 22% compared with that of the same period of 2008. The estimated annual output of *construction sand and gravel* produced for consumption in 2009 was 776 Mt, a 25% decrease compared with that of 2008.

An estimated 432 Mt of total *aggregates* was produced and shipped for consumption in the United States in the fourth quarter of 2009, a decrease of 21% compared with that of the same period of 2008. The estimated annual output of *aggregates* produced for consumption in 2008 was 1.88 Gt, a 24% decrease compared with that of 2008.

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 decreased by 25% in the fourth quarter of 2009 and decreased by 27% in annual consumption for 2009, compared with consumption in 2008. This information is obtained from the USGS monthly survey of U.S. cement producers.

Production-for-consumption estimates are generated independently for each State, each geographic division, and the 48 conterminous States, which are treated as separate statistical sample areas. Therefore, differences may exist between the total for a division and the sum of the State totals in the same geographic division. Similarly, differences may exist between the estimates of total *aggregates* and the estimates of *crushed stone* and *construction sand and gravel* for a specific statistical area.

This is a sample survey that 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 by some companies, 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 percentage changes and supersedes previously published reports.

The estimated production-for-consumption of *crushed stone* in the fourth quarter of 2009 decreased in all of the nine geographic divisions compared with that sold or used in the fourth quarter of 2008. The largest decreases were recorded in the Mountain (28%) and the West South Central (27%) divisions. Production-for-consumption of *crushed stone* decreased in 42 of the 47 States that were estimated. The five leading States, in descending order of production-for-consumption, were Texas, Pennsylvania, Missouri, Illinois, and Kentucky. Their combined total production-for-consumption was 80.2 Mt and represented 31% of the U.S. total.

The estimated production-for-consumption of *construction sand and gravel* in the fourth quarter of 2009 decreased from fourth quarter 2008 levels in all of the nine geographic divisions. The largest decreases in percentages were recorded in the West South Central (32%) and the East South Central (32%) divisions. Production-for-consumption of *construction sand and gravel* decreased in 41 of the 46 States that were estimated. The five leading States, in descending order of production-for-consumption, were California, Texas, Arizona, Colorado, and Michigan. Their combined total production-for-consumption was 55.6 Mt and represented 31% of the U.S. total.

The estimated production-for-consumption of *aggregates* in the fourth quarter of 2009 decreased in all of the geographic divisions compared with that sold or used in the fourth quarter of 2008. The largest decreases in percentages were recorded in the West South Central (29%) and the Mountain (24%) divisions. Production-for-consumption of *aggregates* decreased in 44 of the 48 States that were estimated. The five leading States, in descending order of production-for-consumption, were Texas, California, Pennsylvania, Illinois, and Ohio. Their combined total production-for-consumption was 121 Mt and represented 28% 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	2008					Value total ²
	Quantity				Total ²	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.		
Northeast:						
New England	2,640	11,100	13,800	9,000	36,600	361,000
Middle Atlantic	23,600	50,700	53,400	35,600	163,000	1,690,000
Midwest:						
East North Central	25,200	63,800	76,400	54,200	220,000	1,740,000
West North Central	29,800	42,200	50,100	35,500	158,000	1,290,000
South:						
South Atlantic	72,000	85,800	82,500	64,900	305,000	3,640,000
East South Central	32,300	43,600	42,000	33,700	152,000	1,330,000
West South Central	59,000	64,400	60,500	51,200	235,000	1,790,000
West:						
Mountain	13,900	19,400	19,700	14,700	67,700	513,000
Pacific ³	19,200	25,500	26,100	20,800	91,700	909,000
Total ²	287,000	412,000	421,000	319,000	1,440,000 ⁴	13,400,000 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	2009								Total ²	Value total ²
	Quantity	Percent	Quantity	Percent	Quantity	Percent	Quantity	Percent		
	1st qtr.	change	2nd qtr.	change	3rd qtr.	change	4th qtr.	change		
Northeast:										
New England	1,890	-28.7	9,830	-11.6	12,600	-9.0	8,760	-2.7	33,000	342,000
Middle Atlantic	17,000	-28.3	39,100	-22.8	46,500	-12.9	32,100	-10.0	135,000	1,460,000
Midwest:										
East North Central	19,900	-20.9	45,000	-29.5	61,300	-19.8	42,300	-21.9	168,000	1,400,000
West North Central	22,200	-25.5	39,900	-5.6	46,100	-8.0	29,300	-17.5	137,000	1,190,000
South:										
South Atlantic	48,400	-32.8	60,100	-29.9	61,800	-25.2	49,600	-23.5	220,000	2,730,000
East South Central	25,800	-20.1	33,100	-24.2	34,800	-17.1	30,000	-11.1	124,000	1,140,000
West South Central	47,400	-19.7	46,700	-27.5	44,000	-27.3	37,400	-26.9	175,000	1,410,000
West:										
Mountain	12,000	-14.0	15,900	-17.8	17,700	-9.8	10,600	-27.7	56,300	435,000
Pacific ³	17,500	-8.7	20,300	-20.5	22,400	-14.3	18,400	-11.9	78,500	826,000
Total ²	213,000	-25.6	303,000	-26.3	334,000	-20.5	255,000	-20.0	1,110,000 ⁴	10,800,000 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.

³Does not include Alaska and Hawaii.

⁴Includes Alaska and Hawaii.

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

(Thousand metric tons and thousand dollars)

Region/Division	2008					Value total ²
	Quantity				Total ²	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.		
Northeast:						
New England	3,010	11,600	16,200	10,200	41,000	327,000
Middle Atlantic	9,450	19,100	20,600	13,800	63,000	539,000
Midwest:						
East North Central	16,900	49,900	58,900	36,900	163,000	933,000
West North Central	13,400	30,600	42,500	24,300	109,000	592,000
South:						
South Atlantic	19,600	21,400	21,400	16,800	79,100	616,000
East South Central	8,200	12,100	12,200	8,190	40,600	272,000
West South Central	33,500	37,000	33,600	29,200	133,000	1,010,000
West:						
Mountain	42,900	70,200	70,900	48,700	233,000	1,660,000
Pacific ³	33,900	44,700	49,100	36,000	164,000	1,690,000
Total ²	193,000	299,000	321,000	228,000	1,040,000 ⁴	7,780,000 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	2009									
	Quantity		Percent		Quantity		Percent		Total ²	Value total ²
	1st qtr.	change	2nd qtr.	change	3rd qtr.	change	4th qtr.	change		
Northeast:										
New England	2,060	-31.5	9,550	-18.0	12,200	-24.8	8,170	-19.5	31,900	266,000
Middle Atlantic	7,310	-22.6	15,100	-21.3	17,000	-17.6	11,800	-14.4	51,200	456,000
Midwest:										
East North Central	12,600	-25.2	35,300	-29.2	48,700	-17.3	29,700	-19.7	126,000	763,000
West North Central	8,900	-33.7	26,800	-12.6	38,000	-10.6	21,600	-11.0	95,200	539,000
South:										
South Atlantic	12,700	-35.2	14,600	-31.8	15,000	-29.9	12,700	-24.2	55,000	456,000
East South Central	4,920	-40.0	7,270	-39.7	7,530	-38.2	5,580	-31.9	25,300	180,000
West South Central	26,200	-21.8	26,600	-28.1	24,900	-25.7	19,700	-32.5	97,500	776,000
West:										
Mountain	29,000	-32.4	46,400	-33.9	56,000	-21.0	37,600	-22.9	169,000	1,260,000
Pacific ³	23,600	-30.4	30,000	-32.9	38,700	-21.2	27,300	-24.0	120,000	1,300,000
Total ²	137,000	-28.9	210,000	-29.7	251,000	-21.7	177,000	-22.2	776,000 ⁴	6,090,000 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.

³Does not include Alaska and Hawaii.

⁴Includes Alaska and Hawaii.

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

(Thousand metric tons and thousand dollars)

Region/Division	2008					Value total ²
	Quantity				Total ²	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.		
Northeast:						
New England	5,650	22,800	30,000	19,200	77,700	721,000
Middle Atlantic	33,100	69,800	74,100	49,500	226,000	2,230,000
Midwest:						
East North Central	42,100	114,000	135,000	91,000	382,000	2,670,000
West North Central	43,200	72,900	92,600	59,800	267,000	1,890,000
South:						
South Atlantic	91,300	107,000	104,000	81,600	384,000	4,250,000
East South Central	40,600	55,800	54,200	41,900	192,000	1,600,000
West South Central	90,700	99,300	91,900	78,500	360,000	2,680,000
West:						
Mountain	56,800	89,700	90,600	63,400	300,000	2,170,000
Pacific ³	53,200	70,200	75,300	56,800	255,000	2,600,000
Total ²	480,000	711,000	742,000	547,000	2,480,000 ⁴	21,200,000 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	2009									
	Quantity		Percent		Quantity		Percent		Total ²	Value total ²
	1st qtr.	change	2nd qtr.	change	3rd qtr.	change	4th qtr.	change		
Northeast:										
New England	3,950	-30.2	19,400	-14.9	24,700	-17.5	16,900	-11.7	64,900	631,000
Middle Atlantic	24,300	-26.5	54,200	-22.4	63,600	-14.3	43,900	-11.4	186,000	1,930,000
Midwest:										
East North Central	32,600	-22.7	80,300	-29.3	110,000	-18.7	71,900	-21.0	295,000	2,170,000
West North Central	31,100	-28.1	66,600	-8.6	84,000	-9.3	50,900	-14.8	233,000	1,720,000
South:										
South Atlantic	60,900	-33.2	74,600	-30.3	76,600	-26.1	62,200	-23.7	275,000	3,180,000
East South Central	30,800	-24.1	40,300	-27.7	42,400	-21.8	35,600	-15.1	149,000	1,310,000
West South Central	71,900	-20.8	71,900	-27.6	67,200	-26.9	55,600	-29.1	267,000	2,090,000
West:										
Mountain	40,900	-28.0	62,300	-30.5	73,800	-18.6	48,200	-24.0	225,000	1,690,000
Pacific ³	41,100	-22.7	50,300	-28.3	61,100	-18.9	45,700	-19.5	198,000	2,130,000
Total ²	351,000	-27.0	513,000	-27.8	586,000	-21.0	432,000	-20.9	1,880,000 ⁴	16,900,000 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.

³Does not include Alaska and Hawaii.

⁴Includes Alaska and Hawaii.

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

(Thousand metric tons and thousand dollars)

State	2008					Value total ²
	Quantity				Total ²	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.		
Alabama	12,900	14,200	12,700	10,200	50,000	369,000
Alaska	(3)	(3)	(3)	(3)	1,940	20,100
Arizona	3,780	3,850	3,270	3,490	14,400	143,000
Arkansas	7,160	8,720	8,800	7,480	32,200	239,000
California	10,400	14,300	14,500	12,200	51,500	573,000
Colorado	1,970	3,110	2,850	1,740	9,660	72,400
Connecticut	738	2,900	3,540	2,370	9,550	89,200
Delaware	W	W	W	W	W	W
Florida	18,900	18,200	15,800	15,400	68,300	892,000
Georgia	16,100	18,000	16,000	11,700	61,900	666,000
Hawaii	(3)	(3)	(3)	(3)	7,540	112,000
Idaho	615	1,390	2,200	1,360	5,570	36,300
Illinois	6,920	19,600	22,500	17,500	66,600	604,000
Indiana	7,050	15,600	17,300	12,400	52,400	353,000
Iowa	4,000	12,300	13,600	7,960	37,800	304,000
Kansas	6,180	5,670	6,070	5,130	23,000	180,000
Kentucky	8,160	15,000	15,200	12,700	51,000	411,000
Louisiana	W	W	W	W	W	W
Maine	245	1,310	1,600	808	3,960	33,300
Maryland	4,090	5,790	8,670	6,280	24,800	225,000
Massachusetts	884	3,360	3,890	2,720	10,900	126,000
Michigan	2,270	6,570	8,070	4,160	21,100	101,000
Minnesota	399	2,660	3,530	1,810	8,400	95,600
Mississippi	949	1,330	1,190	915	4,380	88,800
Missouri	16,900	17,800	22,600	17,600	75,000	602,000
Montana	213	222	291	236	961	6,770
Nebraska	1,620	2,300	2,230	1,860	7,960	78,000
Nevada	2,620	2,550	2,360	1,780	9,320	86,800
New Hampshire	436	1,510	1,940	1,300	5,170	50,900
New Jersey	3,060	5,470	5,220	4,130	17,900	155,000
New Mexico	1,260	1,720	2,280	1,490	6,750	38,800
New York	4,730	13,700	15,400	10,000	43,900	392,000
North Carolina	12,800	17,100	16,000	11,500	57,500	806,000
North Dakota	(3)	(3)	(3)	(3)	26	133
Ohio	5,400	14,800	19,200	14,200	53,600	442,000
Oklahoma	11,300	12,000	12,800	10,500	46,600	341,000
Oregon	4,200	6,300	7,570	4,940	23,000	171,000
Pennsylvania	15,900	31,500	32,800	21,500	102,000	1,140,000
Rhode Island	118	537	642	580	1,880	18,200
South Carolina	5,790	6,450	5,540	4,760	22,500	235,000
South Dakota	667	1,490	2,070	1,160	5,390	34,300
Tennessee	10,400	13,100	13,000	9,800	46,200	461,000
Texas	38,700	41,600	36,700	31,200	148,000	1,090,000
Utah	1,810	3,160	2,240	1,710	8,920	71,600
Vermont	223	1,520	2,200	1,230	5,170	42,900
Virginia	11,300	15,600	15,700	11,900	54,500	673,000
Washington	4,600	4,900	4,040	3,650	17,200	165,000
West Virginia	2,850	4,380	4,560	3,180	15,000	131,000
Wisconsin	3,560	7,140	9,360	5,820	25,900	237,000
Wyoming	1,650	3,380	4,170	2,900	12,100	57,100

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	2009									
	Quantity 1st qtr.	Percent change	Quantity 2nd qtr.	Percent change	Quantity 3rd qtr.	Percent change	Quantity 4th qtr.	Percent change	Total ²	Value total ²
Alabama	9,600	-25.6	10,900	-23.2	10,100	-20.5	8,550	-16.2	39,200	304,000
Alaska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Arizona	4,090	8.2	3,050	-20.8	2,490	-23.9	1,630	-53.3	11,300	118,000
Arkansas	7,240	1.1	7,350	-15.7	7,000	-20.5	6,660	-11.0	28,300	221,000
California	9,840	-5.4	12,100	-15.4	12,600	-13.1	11,500	-5.7	46,000	537,000
Colorado	1,530	-22.3	1,950	-37.3	2,730	-4.2	1,840	5.7	8,040	63,300
Connecticut	443	-40.0	2,350	-19.0	2,960	-16.4	2,270	-4.2	8,020	78,700
Delaware	W	W	W	W	W	W	W	W	W	W
Florida	12,100	-36.0	11,200	-38.5	10,800	-31.6	9,860	-36.0	43,900	602,000
Georgia	10,200	-36.6	11,900	-33.9	11,200	-30.0	9,380	-19.8	42,700	482,000
Hawaii	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Idaho	626	1.7	1,700	22.3	1,720	-21.8	556	-59.1	4,600	31,500
Illinois	5,850	-15.5	13,600	-30.6	19,600	-12.9	12,800	-26.9	51,800	493,000
Indiana	5,470	-22.4	10,900	-30.1	13,600	-21.4	11,200	-9.7	41,200	291,000
Iowa	3,440	-14.0	9,380	-23.7	11,000	-19.1	6,760	-15.1	30,500	258,000
Kansas	2,350	-62.0	3,760	-33.7	4,600	-24.2	3,090	-39.8	13,800	113,000
Kentucky	7,890	-3.3	10,600	-29.3	13,200	-13.2	11,600	-8.7	43,300	366,000
Louisiana	W	W	W	W	W	W	W	W	W	W
Maine	139	-43.3	1,050	-19.8	1,430	-10.6	859	6.3	3,480	30,700
Maryland	3,090	-24.4	6,160	6.4	6,940	-20.0	5,520	-12.1	21,700	207,000
Massachusetts	757	-14.3	2,770	-17.6	3,760	-3.3	2,830	4.0	10,100	123,000
Michigan	961	-57.6	4,000	-39.1	5,880	-27.1	3,590	-13.7	14,400	72,400
Minnesota	326	-18.2	3,080	15.8	2,960	-16.1	1,460	-19.3	7,820	93,400
Mississippi	789	-16.9	936	-29.6	924	-22.4	762	-16.7	3,410	72,600
Missouri	14,500	-14.2	20,200	13.5	22,900	1.3	14,900	-15.3	72,400	610,000
Montana	72	-66.4	157	-29.2	242	-16.6	151	-35.8	623	4,610
Nebraska	1,070	-34.0	1,920	-16.5	2,660	19.3	1,810	-2.7	7,460	76,800
Nevada	1,830	-30.2	1,970	-22.7	2,040	-13.6	1,560	-12.4	7,400	72,400
New Hampshire	337	-22.6	1,590	5.3	1,580	-18.6	1,080	-16.9	4,600	47,600
New Jersey	1,860	-39.2	4,170	-23.8	4,770	-8.6	3,780	-8.5	14,600	133,000
New Mexico	983	-22.0	1,530	-11.0	1,920	-15.8	1,360	-8.7	5,790	34,900
New York	3,650	-22.8	11,000	-19.7	12,900	-16.2	8,060	-19.4	35,700	335,000
North Carolina	7,620	-40.5	11,100	-35.1	11,300	-29.4	8,840	-23.1	38,900	573,000
North Dakota	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Ohio	4,720	-12.6	10,500	-29.1	14,100	-26.6	10,600	-25.4	39,900	345,000
Oklahoma	9,110	-19.4	9,660	-19.5	9,880	-22.8	8,580	-18.3	37,200	286,000
Oregon	2,660	-36.7	4,980	-21.0	5,870	-22.5	3,760	-23.9	17,300	135,000
Pennsylvania	11,400	-28.3	23,900	-24.1	28,800	-12.2	20,200	-6.0	84,500	992,000
Rhode Island	103	-12.8	449	-16.5	533	-17.1	426	-26.7	1,510	15,300
South Carolina	4,010	-30.7	5,000	-22.5	5,070	-8.5	3,950	-17.0	18,000	197,000
South Dakota	550	-17.6	1,550	4.0	2,040	-1.4	1,360	17.2	5,490	36,700
Tennessee	7,580	-27.1	10,500	-19.8	10,600	-18.5	9,060	-7.6	37,800	396,000
Texas	29,300	-24.3	28,200	-32.2	25,400	-30.8	20,700	-33.7	104,000	804,000
Utah	669	-63.1	1,510	-52.2	1,960	-12.5	1,190	-30.4	5,320	44,800
Vermont	106	-52.6	1,630	7.2	2,300	4.5	1,300	5.7	5,330	46,400
Virginia	9,040	-20.0	11,600	-25.6	13,100	-16.6	9,500	-20.2	43,300	561,000
Washington	5,040	9.6	3,260	-33.5	3,880	-4.0	3,110	-14.8	15,300	154,000
West Virginia	2,270	-20.4	3,010	-31.3	3,200	-29.8	2,490	-21.7	11,000	101,000
Wisconsin	2,940	-17.4	5,990	-16.1	8,060	-13.9	4,130	-29.0	21,100	203,000
Wyoming	2,180	32.1	4,060	20.1	4,650	11.5	2,360	-18.6	13,200	65,400

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.

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

(Thousand metric tons and thousand dollars)

State	2008					Value total ²
	Quantity				Total ²	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.		
Alabama	3,580	4,230	3,290	2,570	13,700	86,900
Alaska	(3)	(3)	(3)	(3)	11,300	84,000
Arizona	15,200	20,400	17,200	13,800	66,600	556,000
Arkansas	2,020	2,380	2,340	2,060	8,800	65,100
California	21,500	29,900	32,800	25,300	110,000	1,250,000
Colorado	5,890	11,100	11,800	7,450	36,300	286,000
Connecticut	583	2,220	2,630	1,890	7,320	69,300
Delaware	525	748	724	549	2,550	20,600
Florida	7,800	7,700	6,840	5,780	28,100	219,000
Georgia	1,850	2,080	1,950	1,470	7,350	40,200
Hawaii	(3)	(3)	(3)	(3)	1,410	25,600
Idaho	1,860	5,310	6,370	4,840	18,400	105,000
Illinois	2,620	7,800	9,640	6,530	26,600	165,000
Indiana	3,220	7,260	7,630	5,110	23,200	138,000
Iowa	1,440	4,670	6,000	3,520	15,600	88,400
Kansas	2,050	2,870	2,650	2,350	9,930	49,000
Kentucky	1,040	2,610	2,440	1,500	7,600	41,600
Louisiana	5,320	6,250	5,380	5,230	22,200	224,000
Maine	311	2,920	4,620	1,970	9,820	67,000
Maryland	2,760	3,000	3,470	2,810	12,000	125,000
Massachusetts	1,140	3,100	3,870	3,100	11,200	109,000
Michigan	4,030	16,000	16,000	8,250	44,300	208,000
Minnesota	2,520	8,630	15,300	7,280	33,700	220,000
Mississippi	2,430	3,220	4,190	2,640	12,500	89,400
Missouri	2,480	3,390	3,770	2,690	12,300	75,800
Montana	1,280	4,200	5,130	2,610	13,200	108,000
Nebraska	2,660	4,220	4,440	3,850	13,700	73,500
Nevada	7,440	7,820	8,790	5,180	29,200	161,000
New Hampshire	668	2,150	3,180	1,930	7,930	49,900
New Jersey	2,740	4,050	4,300	2,990	14,100	159,000
New Mexico	2,840	4,120	4,320	3,180	14,500	126,000
New York	4,430	10,200	11,100	7,410	33,100	251,000
North Carolina	2,060	2,750	2,860	2,030	9,700	58,300
North Dakota	328	3,650	5,770	2,010	11,800	38,000
Ohio	3,210	9,370	12,200	8,290	33,000	237,000
Oklahoma	3,490	3,810	3,860	3,450	14,600	93,400
Oregon	2,680	3,900	5,000	3,220	14,800	120,000
Pennsylvania	2,270	4,890	5,220	3,410	15,800	129,000
Rhode Island	(3)	(3)	(3)	(3)	2,080	33,000
South Carolina	2,360	2,690	2,310	1,800	9,160	44,100
South Dakota	1,950	3,180	4,560	2,570	12,300	47,100
Tennessee	1,140	1,990	2,250	1,480	6,860	53,700
Texas	22,700	24,600	22,000	18,500	87,700	627,000
Utah	6,970	12,300	10,800	7,390	37,400	214,000
Vermont	315	1,250	1,860	1,280	4,660	31,700
Virginia	2,190	2,460	3,220	2,360	10,200	109,000
Washington	9,650	10,900	11,300	7,490	39,400	324,000
West Virginia	(3)	(3)	(3)	(3)	426	3,840
Wisconsin	3,790	9,400	13,400	8,750	35,400	185,000
Wyoming	1,390	4,930	6,480	4,260	17,100	100,000

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	2009		2009		2009		2009		Total ²	Value total ²
	Quantity 1st qtr.	Percent change	Quantity 2nd qtr.	Percent change	Quantity 3rd qtr.	Percent change	Quantity 4th qtr.	Percent change		
Alabama	1,660	-53.6	1,890	-55.3	1,680	-48.9	1,340	-47.9	6,580	43,800
Alaska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Arizona	10,400	-31.6	10,900	-46.6	10,400	-39.5	9,000	-34.8	40,600	356,000
Arkansas	1,770	-12.4	2,070	-13.0	2,040	-12.8	1,430	-30.6	7,310	56,800
California	16,200	-24.7	20,600	-31.1	25,500	-22.3	19,300	-23.7	81,800	976,000
Colorado	4,490	-23.8	6,930	-37.6	9,860	-16.4	8,620	15.7	29,900	247,000
Connecticut	318	-45.4	1,550	-30.2	2,000	-24.0	1,380	-27.0	5,250	52,200
Delaware	278	-47.1	421	-43.6	515	-29.0	475	-13.5	1,690	14,300
Florida	4,820	-38.2	4,730	-38.6	4,730	-30.8	4,280	-26.0	18,600	152,000
Georgia	1,310	-29.2	1,510	-27.4	1,350	-30.8	1,210	-17.7	5,370	30,800
Hawaii	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Idaho	1,580	-15.1	3,810	-28.2	5,200	-18.4	2,330	-51.9	12,900	77,300
Illinois	1,920	-26.7	5,030	-35.5	7,130	-26.0	4,530	-30.6	18,600	121,000
Indiana	2,650	-17.7	5,690	-21.6	7,820	2.5	5,120	0.2	21,300	133,000
Iowa	997	-30.7	3,530	-24.4	4,870	-18.8	2,870	-18.5	12,300	73,200
Kansas	1,210	-41.0	2,120	-26.1	2,180	-17.7	1,500	-36.2	7,010	36,300
Kentucky	632	-39.3	951	-63.6	1,440	-41.0	1,220	-18.7	4,240	24,400
Louisiana	4,860	-8.6	4,470	-28.5	4,310	-19.9	3,550	-32.1	17,200	182,000
Maine	189	-39.2	2,170	-25.7	2,950	-36.1	1,660	-15.7	6,970	49,900
Maryland	1,610	-41.7	2,310	-23.0	2,590	-25.4	2,100	-25.3	8,620	94,300
Massachusetts	945	-17.1	2,030	-34.5	3,340	-13.7	2,390	-22.9	8,710	89,000
Michigan	2,130	-47.1	8,460	-47.1	12,600	-21.3	7,020	-14.9	30,200	149,000
Minnesota	1,670	-33.7	8,490	-1.6	13,700	-10.5	6,870	-5.6	30,700	210,000
Mississippi	1,650	-32.1	3,090	-4.0	3,020	-27.9	2,000	-24.2	9,760	73,300
Missouri	1,970	-20.6	2,860	-15.6	3,120	-17.2	2,030	-24.5	9,970	64,500
Montana	704	-45.0	3,290	-21.7	5,260	2.5	2,500	-4.2	11,800	101,000
Nebraska	1,870	-29.7	3,360	-20.4	4,040	-9.0	3,340	-13.2	12,600	71,000
Nevada	4,570	-38.6	4,370	-44.1	5,540	-37.0	3,370	-34.9	17,800	103,000
New Hampshire	415	-37.9	1,970	-8.4	2,610	-17.9	1,460	-24.4	6,450	42,600
New Jersey	1,820	-33.6	2,830	-30.1	3,180	-26.0	2,470	-17.4	10,300	122,000
New Mexico	2,270	-20.1	3,720	-9.7	3,280	-24.1	3,000	-5.7	12,300	112,000
New York	3,680	-16.9	7,890	-22.6	9,080	-18.2	6,350	-14.3	27,000	215,000
North Carolina	1,540	-25.2	1,910	-30.5	1,820	-36.4	1,480	-27.1	6,750	42,600
North Dakota	255	-22.3	2,860	-21.6	5,940	2.9	2,100	4.5	11,200	37,900
Ohio	2,750	-14.3	6,700	-28.5	9,000	-26.2	6,570	-20.7	25,000	189,000
Oklahoma	3,110	-10.9	3,450	-9.4	3,460	-10.4	3,030	-12.2	13,000	87,300
Oregon	2,260	-15.7	3,080	-21.0	4,810	-3.8	2,710	-15.8	12,900	110,000
Pennsylvania	1,820	-19.8	4,360	-10.8	4,740	-9.2	2,990	-12.3	13,900	119,000
Rhode Island	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
South Carolina	1,330	-43.6	1,610	-40.1	1,500	-35.1	1,170	-35.0	5,600	28,300
South Dakota	923	-52.7	3,560	11.9	4,150	-9.0	2,900	12.8	11,500	46,200
Tennessee	982	-13.9	1,340	-32.7	1,390	-38.2	1,010	-31.8	4,720	38,800
Texas	16,500	-27.3	16,600	-32.5	15,100	-31.4	11,700	-36.8	60,000	450,000
Utah	3,220	-53.8	8,440	-31.4	10,300	-4.6	6,340	-14.2	28,200	169,000
Vermont	195	-38.0	1,820	45.6	1,250	-32.8	1,290	0.8	4,560	32,600
Virginia	1,780	-18.7	2,120	-13.8	2,470	-23.3	2,020	-14.4	8,390	94,100
Washington	5,060	-47.6	6,320	-42.0	8,380	-25.8	5,290	-29.4	25,100	217,000
West Virginia	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Wisconsin	3,180	-16.1	9,410	0.1	12,100	-9.7	6,420	-26.6	31,100	171,000
Wyoming	1,790	28.8	4,960	0.6	6,230	-3.9	2,390	-43.9	15,400	94,600

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.

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

(Thousand metric tons and thousand dollars)

State	2008					Value total ²
	Quantity					
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.	Total ²	
Alabama	16,500	18,500	15,900	12,800	63,700	456,000
Alaska	(3)	(3)	(3)	(3)	13,300	104,000
Arizona	19,000	24,200	20,500	17,300	81,000	699,000
Arkansas	9,180	11,100	11,100	9,540	41,000	304,000
California	32,000	44,200	47,300	37,500	161,000	1,820,000
Colorado	7,860	14,300	14,700	9,190	46,000	359,000
Connecticut	1,320	5,120	6,170	4,250	16,900	159,000
Delaware	525	748	724	549	2,550	20,600
Florida	26,700	25,900	22,700	21,200	96,500	1,110,000
Georgia	17,900	20,100	18,000	13,200	69,200	706,000
Hawaii	(3)	(3)	(3)	(3)	8,950	137,000
Idaho	2,470	6,690	8,570	6,200	23,900	141,000
Illinois	9,540	27,400	32,100	24,000	93,200	769,000
Indiana	10,300	22,900	24,900	17,500	75,600	492,000
Iowa	5,440	17,000	19,600	11,500	53,500	392,000
Kansas	8,230	8,540	8,720	7,480	33,000	229,000
Kentucky	9,200	17,600	17,600	14,200	58,600	453,000
Louisiana	5,320	6,250	5,380	5,230	22,200	224,000
Maine	555	4,230	6,220	2,770	13,800	100,000
Maryland	6,850	8,790	12,100	9,090	36,900	351,000
Massachusetts	2,020	6,460	7,760	5,820	22,100	235,000
Michigan	6,300	22,600	24,100	12,400	65,400	309,000
Minnesota	2,920	11,300	18,800	9,090	42,200	316,000
Mississippi	3,380	4,550	5,380	3,550	16,900	178,000
Missouri	19,400	21,200	26,400	20,300	87,300	678,000
Montana	1,490	4,420	5,420	2,850	14,200	115,000
Nebraska	4,280	6,520	6,670	5,710	21,600	152,000
Nevada	10,100	10,400	11,100	6,960	38,500	248,000
New Hampshire	1,100	3,660	5,110	3,230	13,100	101,000
New Jersey	5,800	9,520	9,530	7,110	32,000	314,000
New Mexico	4,090	5,840	6,610	4,670	21,200	165,000
New York	9,170	23,900	26,500	17,500	77,000	643,000
North Carolina	14,800	19,900	18,900	13,600	67,200	865,000
North Dakota	328	3,650	5,770	2,010	11,800	38,100
Ohio	8,610	24,200	31,300	22,500	86,600	679,000
Oklahoma	14,800	15,800	16,700	14,000	61,200	434,000
Oregon	6,880	10,200	12,600	8,150	37,800	291,000
Pennsylvania	18,100	36,400	38,100	24,900	117,000	1,270,000
Rhode Island	118	537	642	580	1,880	51,200
South Carolina	8,150	9,140	7,850	6,560	31,700	279,000
South Dakota	2,620	4,660	6,640	3,730	17,700	81,400
Tennessee	11,500	15,100	15,300	11,300	53,100	515,000
Texas	61,400	66,100	58,700	49,700	236,000	1,720,000
Utah	8,770	15,500	13,000	9,100	46,300	286,000
Vermont	537	2,770	4,060	2,510	9,870	74,500
Virginia	13,500	18,100	18,900	14,200	64,800	782,000
Washington	14,300	15,800	15,400	11,100	56,600	489,000
West Virginia	2,850	4,380	4,560	3,180	15,000	135,000
Wisconsin	7,350	16,500	22,800	14,600	61,200	422,000
Wyoming	3,040	8,310	10,700	7,160	29,200	157,000

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	2009								Total ²	Value total ²
	Quantity 1st qtr.	Percent change	Quantity 2nd qtr.	Percent change	Quantity 3rd qtr.	Percent change	Quantity 4th qtr.	Percent change		
Alabama	11,300	-31.5	12,800	-30.8	11,800	-25.8	9,890	-22.7	45,800	344,000
Alaska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Arizona	14,400	-24.2	13,900	-42.6	12,900	-37.1	10,600	-38.7	51,900	470,000
Arkansas	9,010	-1.9	9,420	-15.1	9,040	-18.6	8,090	-15.2	35,600	277,000
California	26,100	-18.4	32,700	-26.0	38,100	-19.5	30,800	-17.9	128,000	1,520,000
Colorado	6,010	-23.5	8,870	-38.0	12,600	-14.3	10,500	14.3	37,900	311,000
Connecticut	761	-42.3	3,900	-23.8	4,960	-19.6	3,650	-14.1	13,300	131,000
Delaware	278	-47.0	421	-43.7	515	-28.9	475	-13.5	1,690	14,300
Florida	16,900	-36.7	15,900	-38.6	15,500	-31.7	14,100	-33.5	62,500	755,000
Georgia	11,500	-35.8	13,400	-33.3	12,500	-30.6	10,600	-19.7	48,100	515,000
Hawaii	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Idaho	2,210	-10.5	5,510	-17.6	6,920	-19.3	2,890	-53.4	17,500	108,000
Illinois	7,760	-18.7	18,600	-32.1	26,700	-16.8	17,300	-27.9	70,400	610,000
Indiana	8,110	-21.3	16,600	-27.5	21,400	-14.1	16,300	-6.9	62,500	427,000
Iowa	4,440	-18.4	12,900	-24.1	15,800	-19.4	9,630	-16.3	42,800	329,000
Kansas	3,560	-56.7	5,880	-31.1	6,780	-22.2	4,580	-38.8	20,800	152,000
Kentucky	8,520	-7.4	11,600	-34.1	14,600	-17.0	12,800	-9.9	47,500	386,000
Louisiana	4,860	-8.6	4,470	-28.5	4,310	-19.9	3,550	-32.1	17,200	182,000
Maine	328	-40.9	3,220	-23.9	4,390	-29.4	2,510	-9.4	10,400	79,100
Maryland	4,700	-31.4	8,480	-3.5	9,530	-21.2	7,620	-16.2	30,300	303,000
Massachusetts	1,700	-15.8	4,800	-25.7	7,100	-8.5	5,210	-10.5	18,800	210,000
Michigan	3,090	-51.0	12,500	-44.7	18,500	-23.2	10,600	-14.5	44,700	222,000
Minnesota	2,000	-31.5	11,600	2.7	16,600	-11.7	8,330	-8.4	38,500	303,000
Mississippi	2,430	-28.1	4,030	-11.4	3,950	-26.6	2,760	-22.3	13,200	146,000
Missouri	16,400	-15.5	23,000	8.5	26,000	-1.5	16,900	-16.7	82,300	671,000
Montana	776	-47.9	3,450	-21.9	5,500	1.5	2,650	-7.0	12,400	105,000
Nebraska	2,940	-31.3	5,280	-19.0	6,700	0.4	5,140	-10.0	20,100	149,000
Nevada	6,400	-36.6	6,340	-39.0	7,570	-31.8	4,930	-29.2	25,200	170,000
New Hampshire	752	-31.6	3,560	-2.7	4,190	-18.0	2,540	-21.4	11,000	89,100
New Jersey	3,680	-36.6	6,990	-26.6	7,950	-16.6	6,250	-12.1	24,900	257,000
New Mexico	3,260	-20.3	5,240	-10.3	5,190	-21.5	4,360	-6.6	18,100	148,000
New York	7,330	-20.1	18,900	-20.9	22,000	-17.0	14,400	-17.7	62,700	550,000
North Carolina	9,150	-38.2	13,000	-34.7	13,200	-30.2	10,300	-24.3	45,700	618,000
North Dakota	255	-22.3	2,860	-21.6	5,940	2.9	2,100	4.5	11,200	38,000
Ohio	7,470	-13.2	17,200	-28.9	23,100	-26.2	17,200	-23.6	64,900	534,000
Oklahoma	12,200	-17.6	13,100	-17.1	13,300	-20.4	11,600	-17.1	50,300	375,000
Oregon	4,920	-28.5	8,060	-21.0	10,700	-15.1	6,470	-20.6	30,100	243,000
Pennsylvania	13,300	-26.5	28,300	-22.3	33,600	-11.8	23,200	-6.8	98,400	1,120,000
Rhode Island	103	-12.7	449	-16.4	533	-17.0	426	-26.6	1,510	43,200
South Carolina	5,330	-34.6	6,610	-27.7	6,570	-16.3	5,120	-22.0	23,600	218,000
South Dakota	1,470	-43.9	5,110	9.7	6,190	-6.8	4,260	14.2	17,000	82,100
Tennessee	8,560	-25.6	11,900	-21.2	12,000	-21.6	10,100	-10.6	42,500	433,000
Texas	45,800	-25.4	44,900	-32.1	40,500	-31.0	32,400	-34.8	164,000	1,260,000
Utah	3,880	-55.8	9,940	-35.9	12,200	-6.2	7,530	-17.3	33,600	218,000
Vermont	301	-43.9	3,450	24.5	3,550	-12.6	2,590	3.2	9,890	78,400
Virginia	10,800	-20.0	13,800	-23.8	15,600	-17.5	11,500	-19.0	51,700	655,000
Washington	10,100	-29.4	9,570	-39.4	12,300	-20.1	8,410	-24.2	40,300	366,000
West Virginia	2,270	-20.4	3,010	-31.3	3,200	-29.8	2,490	-21.7	11,000	104,000
Wisconsin	6,120	-16.7	15,400	-6.7	20,200	-11.4	10,500	-28.1	52,200	378,000
Wyoming	3,970	30.6	9,020	8.5	10,900	1.9	4,750	-33.7	28,600	161,000

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.