

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: wbolen@usgs.gov

Marc A. Angulo (Data)
Telephone: (703) 648-7945
E-mail: mangulo@usgs.gov

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

CRUSHED STONE AND SAND AND GRAVEL IN THE FOURTH QUARTER 2008

An estimated 299 million metric tons (Mt) of *crushed stone* was produced and shipped for consumption in the United States in the fourth quarter of 2008, a decrease of 21% compared with that of the same period of 2007. The estimated annual output of *crushed stone* produced for consumption in 2008 was 1.34 billion metric tons (Gt), a 16% decrease compared with that of 2007.

The estimated U.S. output of *construction sand and gravel* produced and shipped for consumption in the fourth quarter of 2008 was 213 Mt, a decrease of 28% compared with that of the same period of 2007. The estimated annual output of *construction sand and gravel* produced for consumption in 2008 was 978 Mt, a 21% decrease compared with that of 2007.

An estimated 519 Mt of total *aggregates* was produced and shipped for consumption in the United States in the fourth quarter of 2008, a decrease of 23% compared with that of the same period of 2007. The estimated annual output of *aggregates* produced for consumption in 2008 was 2.34 Gt, a 17% decrease compared with that of 2007.

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 22% in the fourth quarter of 2008 and decreased by 15% in annual consumption for 2008, compared with consumption in 2007. 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 2008 decreased in eight of the nine geographic divisions compared with that sold or used in the fourth quarter of 2007. The largest decreases were recorded in the Mountain (32%) and the South Atlantic (32%) divisions. Production-for-consumption of crushed stone decreased in 38 of the 47 States that were estimated. The five leading States, in descending order of production-for-consumption, were Texas, Missouri, Pennsylvania, Illinois, and Ohio. Their combined total production-for-consumption was 99.1 Mt and represented 33% of the U.S. total.

The estimated production-for-consumption of *construction sand and gravel* in the fourth quarter of 2008 decreased from fourth quarter 2007 levels in all of the nine geographic divisions. The largest decreases in percentages were recorded in the West North Central (38%) and the Pacific (35%) 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, Wisconsin, and Michigan. Their combined total production-for-consumption was 78.9 Mt and represented 37% of the U.S. total.

The estimated production-for-consumption of *aggregates* in the fourth quarter of 2008 decreased in all of the geographic divisions compared with that sold or used in the fourth quarter of 2007. The largest decreases in percentages were recorded in the South Atlantic (31%) and the Pacific (29%) divisions. Production-for-consumption of aggregates decreased in 46 of the 48 States that were estimated. The five leading States, in descending order of production-for-consumption, were Texas, California, Ohio, Missouri, and Pennsylvania. Their combined total production-for-consumption was 151 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	2007					Value total ²
	Quantity				Total ²	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.		
Northeast:						
New England	2,800	12,000	14,300	9,350	38,500	387,000
Middle Atlantic	21,500	52,400	59,900	41,900	176,000	1,530,000
Midwest:						
East North Central	29,200	74,400	83,600	65,400	253,000	1,700,000
West North Central	24,800	45,100	51,500	38,500	160,000	1,310,000
South:						
South Atlantic	87,900	107,000	103,000	86,400	384,000	4,260,000
East South Central	38,900	47,500	46,200	40,500	173,000	1,440,000
West South Central	52,800	58,900	62,200	56,600	231,000	1,600,000
West:						
Mountain	15,600	20,600	22,800	17,200	76,200	561,000
Pacific ³	23,200	26,000	28,100	23,700	101,000	934,000
Total ²	312,000	445,000	464,000	380,000	1,600,000 ⁴	13,900,000 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	2008									
	Quantity 1st qtr.	Percent change ⁵	Quantity 2nd qtr.	Percent change ⁵	Quantity 3rd qtr.	Percent change ⁵	Quantity 4th qtr.	Percent change ⁵	Total ²	Value total ²
Northeast:										
New England	2,120	-24.4	10,300	-13.9	12,700	-11.7	8,240	-11.9	33,400	351,000
Middle Atlantic	21,200	-1.4	47,400	-9.5	50,200	-16.3	33,700	-19.6	153,000	1,390,000
Midwest:										
East North Central	23,500	-19.3	60,100	-19.2	71,900	-14.0	53,500	-18.3	209,000	1,470,000
West North Central	26,500	6.7	46,400	2.8	52,000	0.9	38,600	0.3	163,000	1,390,000
South:										
South Atlantic	68,500	-22.1	79,300	-25.8	75,600	-26.3	59,200	-31.5	283,000	3,280,000
East South Central	29,600	-24.0	38,800	-18.2	38,100	-17.6	30,500	-24.6	137,000	1,190,000
West South Central	59,800	13.3	62,700	6.5	59,300	-4.7	48,200	-14.8	230,000	1,660,000
West:										
Mountain	10,200	-34.5	16,500	-19.9	16,300	-28.5	11,700	-32.4	54,700	421,000
Pacific ³	19,000	-18.0	23,800	-8.2	23,800	-15.6	20,900	-11.7	87,500	846,000
Total ²	272,000	-12.9	381,000	-14.5	389,000	-16.2	299,000	-21.4	1,340,000 ⁴	12,000,000 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.

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

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

(Thousand metric tons and thousand dollars)

Region/Division	2007					Value total ²
	Quantity				Total ²	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.		
Northeast:						
New England	3,530	16,600	20,100	11,500	51,700	421,000
Middle Atlantic	9,670	19,800	21,700	16,200	67,300	566,000
Midwest:						
East North Central	19,800	61,600	69,200	45,900	197,000	1,020,000
West North Central	8,580	40,000	47,600	34,000	130,000	630,000
South:						
South Atlantic	22,500	25,000	23,200	20,100	90,800	676,000
East South Central	10,400	14,100	12,100	10,200	46,800	290,000
West South Central	30,200	37,400	43,000	36,900	148,000	1,060,000
West:						
Mountain	57,000	85,100	85,200	62,500	290,000	1,970,000
Pacific ³	42,100	50,900	56,400	51,700	201,000	1,940,000
Total ²	224,000	345,000	370,000	295,000	1,230,000 ⁴	8,640,000 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	2008									Value total ²
	Quantity		Percent change ⁵		Quantity		Percent change ⁵		Total ²	
	1st qtr.	Percent change ⁵	2nd qtr.	Percent change ⁵	3rd qtr.	Percent change ⁵	4th qtr.	Percent change ⁵		
Northeast:										
New England	2,910	-17.6	14,400	-13.3	18,900	-6.0	10,400	-9.7	46,600	395,000
Middle Atlantic	10,500	8.5	19,700	-0.4	21,400	-1.1	14,200	-12.0	65,800	576,000
Midwest:										
East North Central	15,500	-22.1	52,200	-15.3	60,200	-13.0	36,400	-20.6	164,000	883,000
West North Central	7,360	-14.2	31,500	-21.3	41,600	-12.7	21,200	-37.8	102,000	514,000
South:										
South Atlantic	18,100	-19.3	19,400	-22.3	20,100	-13.4	15,600	-22.1	73,400	568,000
East South Central	6,500	-37.6	9,800	-30.2	11,100	-8.1	6,900	-32.4	34,300	221,000
West South Central	32,800	8.6	35,300	-5.8	29,700	-31.0	25,500	-31.0	123,000	916,000
West:										
Mountain	44,800	-21.4	73,700	-13.4	70,500	-17.2	50,400	-19.4	239,000	1,690,000
Pacific ³	28,600	-32.0	39,600	-22.1	42,400	-24.8	33,800	-34.5	145,000	1,430,000
Total ²	177,000	-20.9	286,000	-17.1	302,000	-18.4	213,000	-27.7	978,000 ⁴	7,140,000 ⁴

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

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³Does not include Alaska and Hawaii.

⁴Includes Alaska and Hawaii.

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

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

(Thousand metric tons and thousand dollars)

Region/Division	2007					Value total ²
	Quantity				Total ²	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.		
Northeast:						
New England	6,520	28,200	33,800	21,700	90,200	808,000
Middle Atlantic	30,400	72,300	82,400	58,000	243,000	2,100,000
Midwest:						
East North Central	50,600	134,000	151,000	114,000	449,000	2,720,000
West North Central	36,100	84,300	97,800	71,800	290,000	1,940,000
South:						
South Atlantic	110,000	132,000	126,000	107,000	475,000	4,940,000
East South Central	49,400	60,600	58,600	51,200	220,000	1,730,000
West South Central	85,100	96,500	103,000	93,100	378,000	2,650,000
West:						
Mountain	72,700	105,000	108,000	79,900	366,000	2,530,000
Pacific ³	64,900	76,800	84,600	75,800	302,000	2,870,000
Total ²	543,000	789,000	828,000	674,000	2,830,000 ⁴	22,500,000 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	2008									
	Quantity 1st qtr.	Percent change ⁵	Quantity 2nd qtr.	Percent change ⁵	Quantity 3rd qtr.	Percent change ⁵	Quantity 4th qtr.	Percent change ⁵	Total ²	Value total ²
Northeast:										
New England	4,980	-23.5	24,300	-13.8	30,100	-10.9	19,200	-11.6	78,600	736,000
Middle Atlantic	30,300	-0.2	66,200	-8.5	70,300	-14.7	47,100	-18.8	214,000	1,930,000
Midwest:										
East North Central	40,600	-19.8	109,000	-18.4	130,000	-13.8	92,700	-18.7	372,000	2,360,000
West North Central	37,100	2.9	80,000	-5.1	93,700	-4.2	62,100	-13.6	273,000	1,910,000
South:										
South Atlantic	85,700	-21.8	98,400	-25.4	94,700	-25.1	74,000	-30.6	353,000	3,830,000
East South Central	37,100	-24.8	49,200	-18.9	48,600	-17.0	38,400	-25.0	173,000	1,420,000
West South Central	95,800	12.6	101,000	4.5	93,700	-9.4	77,100	-17.1	367,000	2,690,000
West:										
Mountain	54,600	-24.9	89,400	-15.0	86,300	-20.2	61,600	-22.9	292,000	2,110,000
Pacific ³	46,800	-27.9	62,800	-18.3	65,700	-22.3	54,000	-28.7	229,000	2,280,000
Total ²	463,000	-14.8	670,000	-15.1	690,000	-16.8	519,000	-23.0	2,340,000 ⁴	19,400,000 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.

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

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

(Thousand metric tons and thousand dollars)

State	2007					Value total ²
	Quantity				Total ²	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.		
Alabama	13,100	14,000	13,300	12,100	52,500	402,000
Alaska	(3)	(3)	(3)	(3)	1,620	18,000
Arizona	2,820	5,280	4,360	3,220	15,700	145,000
Arkansas	7,400	8,550	8,920	7,420	32,300	232,000
California	13,000	13,400	14,700	13,200	54,300	568,000
Colorado	2,110	2,980	3,850	2,290	11,200	77,900
Connecticut	578	2,830	3,660	2,380	9,440	92,400
Delaware	W	W	W	W	W	W
Florida	24,000	24,500	25,100	22,200	95,700	1,120,000
Georgia	19,800	21,900	20,100	17,500	79,200	811,000
Hawaii	(3)	(3)	(3)	(3)	8,610	135,000
Idaho	978	1,630	1,690	1,560	5,860	35,600
Illinois	8,900	21,800	24,500	19,200	74,500	591,000
Indiana	7,660	16,300	18,200	15,400	57,600	387,000
Iowa	3,810	10,400	11,600	7,830	33,700	280,000
Kansas	3,540	5,920	6,540	5,350	21,400	188,000
Kentucky	10,400	15,100	15,900	14,100	55,500	427,000
Louisiana	W	W	W	W	W	W
Maine	292	1,490	1,790	1,140	4,710	38,300
Maryland	5,100	9,660	9,370	7,340	31,500	287,000
Massachusetts	828	3,670	3,990	2,760	11,200	127,000
Michigan	2,680	9,170	9,740	6,050	27,600	129,000
Minnesota	562	3,390	3,800	2,430	10,200	109,000
Mississippi	807	694	848	771	3,120	58,900
Missouri	16,400	20,900	24,500	19,500	81,300	612,000
Montana	466	400	466	443	1,780	9,610
Nebraska	1,300	2,110	2,260	2,050	7,720	76,200
Nevada	3,490	2,260	2,870	2,580	11,200	97,200
New Hampshire	460	1,640	1,890	1,220	5,210	68,600
New Jersey	2,600	5,640	6,450	5,300	20,000	162,000
New Mexico	816	1,170	2,010	1,250	5,240	39,100
New York	4,070	14,100	17,500	11,000	46,800	427,000
North Carolina	14,900	19,900	19,400	16,000	70,300	898,000
North Dakota	(3)	(3)	(3)	(3)	274	1,270
Ohio	6,820	20,000	22,800	17,700	67,300	443,000
Oklahoma	10,100	11,400	12,600	11,700	45,800	294,000
Oregon	5,940	8,280	8,700	6,110	29,000	200,000
Pennsylvania	16,400	32,700	34,700	25,200	109,000	944,000
Rhode Island	342	703	688	502	2,240	21,200
South Carolina	6,660	7,840	7,370	6,260	28,100	274,000
South Dakota	765	1,490	1,950	1,150	5,360	44,500
Tennessee	14,300	17,500	16,300	13,800	62,000	547,000
Texas	33,800	37,100	38,600	35,100	145,000	972,000
Utah	2,760	4,150	3,980	2,360	13,300	98,200
Vermont	242	1,570	2,730	1,120	5,660	40,100
Virginia	12,800	18,400	17,300	13,800	62,200	693,000
Washington	4,450	4,100	4,600	4,520	17,700	167,000
West Virginia	2,870	4,490	4,840	3,730	15,900	157,000
Wisconsin	3,400	7,800	8,540	5,880	25,600	151,000
Wyoming	1,350	3,000	3,860	3,800	12,000	58,700

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	2008									
	Quantity 1st qtr.	Percent change ⁴	Quantity 2nd qtr.	Percent change ⁴	Quantity 3rd qtr.	Percent change ⁴	Quantity 4th qtr.	Percent change ⁴	Total ²	Value total ²
Alabama	11,600	-11.0	12,800	-8.1	11,300	-15.0	9,170	-24.5	44,900	361,000
Alaska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Arizona	W	W	W	W	W	W	W	W	12,400	120,000
Arkansas	7,040	-4.9	8,590	0.4	8,680	-2.8	7,370	-0.7	31,700	239,000
California	10,200	-21.0	12,400	-7.4	11,800	-19.5	12,300	-7.2	46,700	513,000
Colorado	2,260	6.8	3,480	17.0	3,330	-13.5	2,170	-5.5	11,200	81,600
Connecticut	605	4.7	2,560	-9.4	3,130	-14.4	2,020	-14.9	8,310	85,400
Delaware	W	W	W	W	W	W	W	W	W	W
Florida	17,100	-28.8	16,200	-33.8	14,000	-44.2	13,700	-38.0	61,000	751,000
Georgia	15,300	-22.8	15,000	-31.5	15,200	-24.5	11,200	-35.8	56,600	609,000
Hawaii	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Idaho	610	-37.6	981	-39.9	1,620	-4.4	1,020	-34.8	4,230	27,000
Illinois	6,090	-31.5	17,200	-21.1	19,600	-20.0	15,400	-19.6	58,400	487,000
Indiana	6,850	-10.5	15,200	-7.2	16,900	-7.4	12,200	-21.0	51,000	359,000
Iowa	4,190	9.9	12,800	22.8	13,800	18.6	8,100	3.4	38,900	340,000
Kansas	6,140	73.5	6,150	3.9	6,610	1.1	5,750	7.5	24,700	229,000
Kentucky	7,430	-28.4	13,700	-9.4	13,800	-13.2	11,800	-16.2	46,700	378,000
Louisiana	W	W	W	W	W	W	W	W	W	W
Maine	275	-5.8	1,420	-4.7	1,680	-6.3	866	-24.1	4,230	36,200
Maryland	4,020	-21.2	6,430	-33.4	7,550	-19.4	5,440	-25.9	23,400	224,000
Massachusetts	529	-36.1	3,360	-8.5	3,770	-5.6	2,550	-7.7	10,200	121,000
Michigan	2,310	-13.7	6,240	-31.9	8,440	-13.4	4,350	-28.1	21,300	104,000
Minnesota	326	-42.0	2,940	-13.3	3,650	-4.0	1,770	-27.3	8,680	97,900
Mississippi	841	4.3	421	-39.4	1,010	19.0	800	3.7	3,070	60,900
Missouri	14,300	-12.8	19,200	-8.0	22,100	-9.9	20,600	5.6	76,200	602,000
Montana	469	0.7	367	-8.3	495	6.2	468	5.8	1,800	10,200
Nebraska	1,590	22.6	2,250	6.6	2,170	-4.4	1,800	-12.3	7,800	80,900
Nevada	2,310	-33.9	2,050	-9.6	1,970	-31.1	1,360	-47.0	7,690	70,100
New Hampshire	283	-38.6	1,030	-36.8	1,530	-19.4	1,030	-15.1	3,880	53,700
New Jersey	2,730	5.1	4,960	-12.0	4,670	-27.6	3,730	-29.6	16,100	137,000
New Mexico	W	W	W	W	W	W	W	W	4,540	35,600
New York	4,400	8.1	13,000	-8.0	14,600	-16.7	9,530	-13.7	41,500	398,000
North Carolina	11,900	-20.5	16,000	-19.7	14,800	-23.6	10,600	-33.7	53,300	715,000
North Dakota	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Ohio	5,880	-13.9	15,600	-21.8	20,100	-12.0	15,400	-13.3	56,900	393,000
Oklahoma	12,000	19.1	12,800	11.9	13,700	8.3	11,200	-4.4	49,600	335,000
Oregon	4,690	-21.1	6,950	-16.1	8,220	-5.5	5,340	-12.5	25,200	182,000
Pennsylvania	15,100	-8.0	29,400	-9.9	30,500	-12.2	20,000	-20.9	94,900	863,000
Rhode Island	123	-64.2	558	-20.7	666	-3.2	603	20.1	2,164	21,500
South Carolina	5,100	-23.4	5,680	-27.6	4,880	-33.7	4,200	-32.8	19,900	204,000
South Dakota	656	-14.3	1,520	1.9	2,110	8.2	1,180	3.2	5,470	47,700
Tennessee	9,720	-32.3	12,500	-28.9	12,400	-23.9	9,350	-32.1	43,900	407,000
Texas	38,900	15.1	39,400	6.0	34,600	-10.4	27,700	-21.1	141,000	994,000
Utah	504	-81.8	2,580	-37.9	1,820	-54.3	1,270	-46.3	6,170	48,000
Vermont	187	-22.9	1,560	-0.4	2,250	-17.4	1,180	5.5	5,180	38,500
Virginia	10,900	-14.8	15,100	-17.9	15,100	-12.6	11,600	-16.1	52,700	616,000
Washington	4,300	-3.3	4,490	9.3	3,350	-27.1	3,430	-24.0	15,600	154,000
West Virginia	3,130	9.0	5,130	14.2	4,950	2.2	3,390	-9.1	16,278	169,000
Wisconsin	2,800	-17.5	5,680	-27.3	7,050	-17.4	4,340	-26.1	19,900	123,000
Wyoming	1,540	14.6	2,900	-3.3	3,530	-8.7	2,490	-34.5	10,500	53,900

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.

⁴Compared with same period of preceding year; all percentages are calculated using unrounded totals.

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

(Thousand metric tons and thousand dollars)

State	2007					Value total ²
	Quantity				Total ²	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.		
Alabama	4,540	4,770	3,700	3,650	16,700	96,500
Alaska	(3)	(3)	(3)	(3)	10,000	56,000
Arizona	21,000	24,700	22,800	17,300	85,800	652,000
Arkansas	2,050	2,460	2,260	2,320	9,080	66,300
California	30,600	36,600	38,400	28,800	134,000	1,450,000
Colorado	6,560	13,100	14,900	11,500	46,100	364,000
Connecticut	600	3,090	3,000	1,610	8,290	73,400
Delaware	577	1,010	968	778	3,330	24,700
Florida	8,670	7,670	7,200	6,790	30,300	231,000
Georgia	2,550	3,120	2,500	1,990	10,200	63,800
Hawaii	(3)	(3)	(3)	(3)	1,180	14,200
Idaho	3,900	7,720	7,840	5,340	24,800	130,000
Illinois	3,500	9,990	10,200	8,150	31,800	175,000
Indiana	4,000	9,050	8,750	6,340	28,100	153,000
Iowa	1,380	5,040	5,330	5,330	17,100	94,000
Kansas	2,220	2,560	2,900	3,010	10,700	49,600
Kentucky	1,470	3,260	2,410	1,930	9,070	48,300
Louisiana	5,890	8,510	6,160	6,010	26,600	243,000
Maine	152	3,370	6,460	2,340	12,300	93,900
Maryland	2,460	3,420	3,540	2,530	11,900	117,000
Massachusetts	2,050	4,580	5,120	3,870	15,600	139,000
Michigan	2,990	19,900	24,500	10,200	57,600	235,000
Minnesota	1,420	14,500	19,500	10,700	46,100	239,000
Mississippi	2,860	4,480	3,460	3,120	13,900	94,200
Missouri	2,380	5,140	3,890	2,640	14,000	77,400
Montana	1,490	4,760	5,930	3,730	15,900	134,000
Nebraska	1,420	4,210	5,130	2,610	13,400	70,600
Nevada	6,770	10,600	9,670	7,620	34,700	180,000
New Hampshire	560	2,350	3,090	1,940	7,940	49,000
New Jersey	2,800	4,640	4,650	3,590	15,700	145,000
New Mexico	4,010	5,020	5,170	4,130	18,300	157,000
New York	4,630	9,350	10,800	8,540	33,300	278,000
North Carolina	2,830	3,180	2,970	2,400	11,400	62,300
North Dakota	143	4,630	6,040	4,110	14,900	49,100
Ohio	4,420	12,000	14,000	10,400	40,800	271,000
Oklahoma	2,630	3,270	7,110	3,510	16,500	95,500
Oregon	4,130	4,620	6,440	6,050	21,200	163,000
Pennsylvania	2,310	5,970	6,190	3,830	18,300	143,000
Rhode Island	(3)	(3)	(3)	(3)	2,410	31,200
South Carolina	2,480	3,110	2,650	2,460	10,700	57,000
South Dakota	2,520	3,080	5,110	3,240	13,900	50,500
Tennessee	1,560	1,910	2,170	1,490	7,140	50,900
Texas	19,700	23,100	27,200	25,400	95,400	651,000
Utah	7,950	14,000	13,300	9,810	45,100	261,000
Vermont	204	1,580	2,010	1,350	5,140	34,100
Virginia	2,460	3,570	3,430	2,830	12,300	115,000
Washington	7,210	9,650	11,300	17,300	45,500	324,000
West Virginia	(3)	(3)	(3)	(3)	675	5,620
Wisconsin	4,650	11,300	11,900	10,300	38,200	186,000
Wyoming	1,930	5,000	7,430	4,720	19,100	95,800

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	2008								Total ²	Value total ²
	Quantity 1st qtr.	Percent change ⁴	Quantity 2nd qtr.	Percent change ⁴	Quantity 3rd qtr.	Percent change ⁴	Quantity 4th qtr.	Percent change ⁴		
Alabama	3,630	-20.0	4,490	-5.9	3,170	-14.4	2,400	-34.2	13,700	82,500
Alaska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Arizona	16,400	-22.0	22,000	-10.8	18,500	-19.1	14,700	-14.7	71,600	566,000
Arkansas	2,160	5.1	2,500	1.9	2,440	8.0	2,170	-6.3	9,270	70,400
California	20,000	-34.8	27,400	-25.3	30,100	-21.5	22,700	-21.2	100,000	1,120,000
Colorado	7,650	16.6	13,100	0.3	13,700	-7.9	8,670	-24.8	43,200	355,000
Connecticut	351	-41.6	2,430	-21.2	2,050	-31.4	1,210	-25.1	6,040	55,600
Delaware	554	-4.0	797	-20.9	784	-19.0	620	-20.3	2,760	21,300
Florida	6,910	-20.3	6,890	-10.1	6,160	-14.5	4,950	-27.1	24,900	197,000
Georgia	1,700	-33.3	1,920	-38.4	1,850	-25.9	1,420	-28.4	6,890	45,000
Hawaii	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Idaho	1,890	-51.5	5,560	-28.0	6,440	-17.9	5,030	-5.8	18,900	103,000
Illinois	2,650	-24.1	7,930	-20.6	9,790	-3.6	6,090	-25.2	26,500	152,000
Indiana	3,040	-24.0	6,920	-23.5	7,000	-20.0	4,450	-29.8	21,400	121,000
Iowa	1,230	-11.0	4,040	-19.8	5,390	1.2	3,160	-40.7	13,800	79,000
Kansas	W	W	W	W	W	W	W	W	8,960	43,300
Kentucky	W	W	W	W	W	W	W	W	6,630	36,700
Louisiana	5,600	-4.9	5,470	-35.8	2,420	-60.7	2,020	-66.3	15,500	147,000
Maine	W	W	W	W	W	W	W	W	17,400	138,000
Maryland	2,140	-13.0	2,570	-24.9	2,610	-26.4	2,240	-11.3	9,550	97,100
Massachusetts	W	W	W	W	W	W	W	W	9,760	90,400
Michigan	3,180	6.3	19,500	-2.1	18,700	-23.8	8,750	-14.1	50,100	212,000
Minnesota	1,550	9.3	10,300	-28.9	14,600	-25.2	5,980	-44.3	32,400	174,000
Mississippi	1,810	-36.7	2,350	-47.6	3,440	-0.6	2,040	-34.4	9,640	67,900
Missouri	1,490	-37.4	2,850	-44.6	3,450	-11.2	2,680	1.7	10,500	60,200
Montana	1,180	-20.3	4,220	-11.4	5,140	-13.3	2,560	-31.4	13,100	115,000
Nebraska	W	W	W	W	W	W	W	W	10,900	59,900
Nevada	6,620	-2.2	8,920	-16.1	8,830	-8.7	6,500	-14.7	30,900	166,000
New Hampshire	672	20.1	2,080	-11.6	3,320	7.3	1,910	-1.4	7,980	51,200
New Jersey	W	W	W	W	W	W	W	W	17,000	164,000
New Mexico	2,840	-29.3	4,140	-17.6	4,290	-17.1	3,180	-23.0	14,400	128,000
New York	5,110	10.3	10,400	11.7	11,200	3.6	7,560	-11.5	34,300	298,000
North Carolina	1,890	-33.3	2,510	-20.9	2,810	-5.6	1,980	-17.2	9,190	52,300
North Dakota	176	23.2	5,470	18.2	6,480	7.3	2,870	-30.2	15,000	51,300
Ohio	3,200	-27.5	9,750	-18.8	12,600	-10.0	8,340	-20.0	33,900	234,000
Oklahoma	3,160	20.1	3,510	7.3	3,450	-51.6	3,220	-8.2	13,300	79,900
Oregon	2,430	-41.2	3,640	-21.2	4,740	-26.3	2,890	-52.2	13,700	110,000
Pennsylvania	1,880	-18.5	4,340	-27.3	4,720	-23.7	3,070	-19.7	14,000	114,000
Rhode Island	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
South Carolina	1,950	-21.4	2,250	-27.5	1,940	-27.1	1,430	-42.0	7,570	41,900
South Dakota	2,070	-17.8	2,830	-8.0	4,150	-18.9	2,350	-27.4	11,400	43,000
Tennessee	684	-56.2	1,530	-19.7	1,850	-15.0	1,140	-24.0	5,200	38,600
Texas	22,100	11.9	23,900	3.8	21,600	-20.5	18,100	-28.9	85,700	608,000
Utah	5,840	-26.6	10,300	-26.1	9,430	-29.4	6,350	-35.3	31,900	192,000
Vermont	383	87.6	1,210	-23.6	1,820	-9.6	1,390	2.9	4,790	33,100
Virginia	2,320	-5.8	2,360	-34.0	3,860	12.6	2,800	-1.3	11,300	110,000
Washington	6,420	-11.0	8,780	-9.1	7,240	-35.9	8,570	-50.5	31,000	229,000
West Virginia	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Wisconsin	W	W	W	W	W	W	W	W	43,970	222,000
Wyoming	1,230	-36.4	6,990	39.9	9,500	27.8	6,060	28.4	23,800	124,000

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.

⁴Compared with same period of preceding year; all percentages are calculated using unrounded totals.

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

(Thousand metric tons and thousand dollars)

State	2007					Value total ²
	Quantity					
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.	Total ²	
Alabama	17,300	18,500	17,400	16,000	69,100	498,000
Alaska	(3)	(3)	(3)	(3)	11,600	74,000
Arizona	24,600	29,400	27,100	20,400	101,000	797,000
Arkansas	9,470	11,000	11,300	9,640	41,400	298,000
California	43,400	50,300	53,200	41,600	189,000	2,020,000
Colorado	9,030	15,900	18,900	13,500	57,300	442,000
Connecticut	1,110	5,480	6,810	4,330	17,700	166,000
Delaware	577	1,010	968	778	3,330	24,700
Florida	32,400	32,200	32,400	29,000	126,000	1,350,000
Georgia	22,400	24,800	22,600	19,600	89,400	875,000
Hawaii	(3)	(3)	(3)	(3)	9,790	149,000
Idaho	4,900	9,280	9,470	7,010	30,700	165,000
Illinois	12,600	31,400	34,900	27,400	106,000	766,000
Indiana	11,500	24,800	27,000	22,400	85,700	539,000
Iowa	5,040	15,400	16,800	13,500	50,800	374,000
Kansas	5,420	8,780	9,730	8,100	32,000	238,000
Kentucky	12,100	17,700	18,500	16,300	64,600	476,000
Louisiana	5,890	8,510	6,160	6,010	26,600	243,000
Maine	925	5,260	6,850	3,990	17,000	132,000
Maryland	7,590	13,100	12,900	9,840	43,400	404,000
Massachusetts	2,070	8,720	9,500	6,590	26,900	266,000
Michigan	6,200	28,900	33,400	16,700	85,200	364,000
Minnesota	2,160	18,000	22,900	13,200	56,300	348,000
Mississippi	3,860	4,800	4,390	3,970	17,000	153,000
Missouri	19,000	25,500	28,600	22,400	95,400	689,000
Montana	1,910	5,180	6,420	4,170	17,700	144,000
Nebraska	3,460	5,820	6,320	5,500	21,100	147,000
Nevada	12,900	10,500	12,000	10,400	45,900	277,000
New Hampshire	1,120	4,090	4,850	3,100	13,100	118,000
New Jersey	4,880	10,100	11,400	9,280	35,700	307,000
New Mexico	5,080	6,400	6,780	5,320	23,600	196,000
New York	7,620	23,900	29,400	19,200	80,100	705,000
North Carolina	17,400	23,200	22,500	18,500	81,600	960,000
North Dakota	145	4,720	6,150	4,190	15,200	50,300
Ohio	11,100	32,000	36,700	28,300	108,000	714,000
Oklahoma	13,300	15,200	18,300	15,600	62,300	390,000
Oregon	10,000	12,600	15,200	12,500	50,300	363,000
Pennsylvania	18,900	38,300	40,700	29,300	127,000	1,090,000
Rhode Island	711	1,460	1,430	1,040	4,640	52,300
South Carolina	9,170	10,900	10,100	8,670	38,800	331,000
South Dakota	2,950	5,080	7,050	4,220	19,300	95,000
Tennessee	16,000	19,500	18,300	15,300	69,100	598,000
Texas	55,000	61,000	64,800	59,200	240,000	1,620,000
Utah	11,000	18,200	17,400	11,800	58,300	359,000
Vermont	450	3,110	4,850	2,390	10,800	74,200
Virginia	15,300	22,000	20,700	16,600	74,500	808,000
Washington	11,300	13,700	15,900	22,200	63,100	490,000
West Virginia	2,990	4,680	5,050	3,890	16,600	163,000
Wisconsin	8,300	19,300	21,100	15,100	63,800	336,000
Wyoming	3,400	7,860	10,500	9,300	31,100	154,000

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	2008								Total ²	Value total ²
	Quantity 1st qtr.	Percent change ⁴	Quantity 2nd qtr.	Percent change ⁴	Quantity 3rd qtr.	Percent change ⁴	Quantity 4th qtr.	Percent change ⁴		
Alabama	15,200	-12.0	17,300	-6.5	14,500	-16.8	11,600	-27.7	58,600	444,000
Alaska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Arizona	20,000	-18.7	24,900	-15.2	21,000	-22.5	18,100	-11.4	84,000	686,000
Arkansas	9,200	-2.9	11,100	0.8	11,100	-1.6	9,540	-1.0	41,000	309,000
California	30,200	-30.4	39,800	-20.9	41,900	-21.2	35,000	-15.9	147,000	1,630,000
Colorado	9,910	9.7	16,600	4.3	17,000	-9.9	10,800	-19.7	54,400	437,000
Connecticut	956	-13.9	4,990	-8.9	5,180	-23.9	3,230	-25.4	14,400	141,000
Delaware	554	-4.0	797	-20.9	784	-19.0	620	-20.3	2,760	21,300
Florida	24,000	-25.9	23,100	-28.3	20,200	-37.8	18,700	-35.7	85,900	948,000
Georgia	17,100	-23.3	16,900	-31.8	17,100	-24.5	12,600	-35.5	63,700	656,000
Hawaii	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Idaho	2,500	-49.0	6,540	-29.5	8,060	-14.9	6,050	-13.7	23,100	130,000
Illinois	8,720	-30.7	24,800	-21.0	28,500	-18.2	21,800	-20.3	83,900	631,000
Indiana	10,100	-12.5	22,400	-9.8	24,600	-9.1	17,500	-22.1	74,500	494,000
Iowa	5,420	7.5	16,800	9.4	19,200	14.2	11,300	-16.6	52,700	419,000
Kansas	7,540	39.1	9,070	3.3	9,030	-7.2	7,980	-1.5	33,700	272,000
Kentucky	8,200	-32.2	16,300	-8.0	16,100	-13.1	12,800	-21.6	53,300	415,000
Louisiana	5,600	-4.9	5,470	-35.8	2,420	-60.7	2,020	-66.3	15,500	147,000
Maine	886	-4.2	5,350	1.8	7,030	2.7	3,380	-15.2	16,700	134,000
Maryland	6,160	-18.8	9,000	-31.3	10,200	-21.2	7,700	-22.0	33,000	321,000
Massachusetts	1,290	-37.5	6,640	-23.9	7,490	-21.2	4,540	-31.1	20,000	211,000
Michigan	5,490	-11.5	25,700	-10.9	27,100	-18.7	13,100	-21.6	71,400	316,000
Minnesota	1,880	-13.1	13,200	-26.4	18,300	-20.3	7,750	-41.3	41,100	272,000
Mississippi	2,650	-31.3	2,770	-42.3	4,450	1.4	2,840	-28.5	12,700	129,000
Missouri	15,800	-16.9	22,100	-13.5	25,600	-10.7	23,300	3.9	86,700	662,000
Montana	1,650	-13.7	4,580	-11.4	5,640	-12.2	3,030	-27.4	14,900	125,000
Nebraska	2,830	-18.2	5,700	-2.1	6,400	1.3	3,760	-31.6	18,700	141,000
Nevada	8,930	-30.8	10,970	4.5	10,800	-10.0	7,860	-24.4	38,600	236,000
New Hampshire	955	-14.7	3,110	-24.0	4,850	0.0	2,940	-5.2	11,900	105,000
New Jersey	6,280	28.7	9,650	-4.5	9,990	-12.4	7,130	-23.2	33,100	301,000
New Mexico	3,650	-28.2	5,170	-19.2	5,990	-11.7	4,190	-21.2	18,940	164,000
New York	9,510	24.8	23,400	-2.1	25,800	-12.2	17,100	-11.0	75,800	696,000
North Carolina	13,800	-20.7	18,500	-20.2	17,600	-21.7	12,600	-32.0	62,500	767,000
North Dakota	176	23.2	5,470	18.2	6,480	7.3	2,870	-30.2	15,300	52,600
Ohio	9,080	-18.2	25,400	-20.8	32,700	-10.9	23,700	-16.1	90,800	627,000
Oklahoma	15,200	14.0	16,300	7.3	17,200	-6.3	14,400	-7.6	62,900	415,000
Oregon	7,120	-28.8	10,600	-16.0	13,000	-14.7	8,230	-34.2	38,900	292,000
Pennsylvania	17,000	-10.2	33,700	-11.9	35,200	-13.5	23,100	-21.3	109,000	977,000
Rhode Island	123	-82.7	558	-61.8	666	-53.4	603	-42.0	4,300	49,800
South Carolina	7,050	-23.1	7,930	-27.2	6,820	-32.5	5,630	-35.1	27,500	246,000
South Dakota	2,500	-15.4	6,280	23.7	7,120	1.0	4,000	-5.4	19,900	107,000
Tennessee	10,700	-33.1	13,900	-28.6	14,000	-23.5	10,400	-31.9	49,100	446,000
Texas	63,100	14.7	64,500	5.7	57,000	-12.1	45,900	-22.4	231,000	1,630,000
Utah	6,340	-42.3	12,900	-29.2	11,300	-35.3	7,620	-35.4	38,000	240,000
Vermont	570	26.7	2,770	-10.9	4,070	-16.1	2,570	7.5	9,970	71,600
Virginia	13,200	-13.6	17,500	-20.6	19,000	-8.4	14,400	-13.3	64,000	726,000
Washington	10,400	-8.5	13,100	-4.6	10,500	-33.8	12,000	-46.1	45,900	377,000
West Virginia	3,130	4.7	5,130	9.6	4,950	-2.0	3,390	-12.9	16,900	174,000
Wisconsin	6,770	-19.0	14,600	-24.4	18,900	-10.1	11,900	-20.9	52,200	282,000
Wyoming	2,770	-18.5	9,890	25.8	13,000	24.1	8,550	-8.1	34,300	178,000

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.

⁴Compared with same period of preceding year; all percentages are calculated using unrounded totals.