

# Mineral Industry Surveys

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## CRUSHED STONE AND SAND AND GRAVEL IN THE FOURTH QUARTER 2015

An estimated 343 million metric tons (Mt) of *crushed stone* was produced and shipped for consumption in the United States in the fourth quarter of 2015, an increase of 9% compared with that of the same period of 2014. The estimated annual output of *crushed stone* produced for consumption in 2015 was 1.33 billion metric tons (Gt), an increase of 7% compared with that of 2014.

The estimated U.S. output of *construction sand and gravel* produced and shipped for consumption in the fourth quarter of 2015 was 237 Mt, an increase of 7% compared with that of the same period of 2014. The estimated annual output of *construction sand and gravel* produced for consumption in 2015 was 945 Mt, an increase of 5% compared with that of 2014.

An estimated 579 Mt of total *construction aggregates* was produced and shipped for consumption in the United States in the fourth quarter of 2015, an increase of 8% compared with that of the same period of 2014 (fig.1). The estimated annual output of *construction aggregates* produced for consumption in 2015 was 2.28 Gt, an increase of 6% compared with that of 2014 (fig.2).

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 and blended cement increased by an estimated 4.1% in the fourth quarter of 2015, and annual consumption increased by an estimated 3.5% in 2015, compared with that of the same period in 2014. 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 rarely an indicator of the change in the demand in the State as a whole. Typically a large change in sales can be attributed to the opening or closing of an operation, the 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 2015 increased in all of the geographic divisions compared with that sold or used in the fourth quarter of 2014. Production for consumption of crushed stone increased in 35 of the 46 States for which estimates were made. The five leading States in the fourth quarter of 2015 were, in descending order of production, Texas, Pennsylvania, Missouri, Ohio, and Florida. Their combined total production for consumption was 115 Mt and represented 33% of the U.S. total.

The estimated production for consumption of *construction sand and gravel* in the fourth quarter of 2015 increased from fourth quarter 2014 levels in seven of the nine geographic divisions. Production for consumption of construction sand and gravel increased in 30 of the 45 States for which estimates were made. The five leading States in the fourth quarter of 2015 were, in descending order of production, California, Texas, Michigan, Washington, and Minnesota. Their combined total production for consumption was 80.0 Mt and represented 34% of the U.S. total.

The estimated production for consumption of *construction aggregates* in the fourth quarter of 2015 increased in all of the geographic divisions compared with that sold or used in the fourth quarter of 2014. In the fourth quarter, production for consumption of aggregates increased in 29 of the 43 States for which estimates were made.

The estimated total annual production for consumption of *construction aggregates* in 2015 increased, compared with that of 2014, in 36 of the 50 States for which estimates were made. The five leading States were, in descending order of total annual output for 2015, Texas, California, Pennsylvania, Ohio, and Michigan. Their combined total annual output was 661 Mt, an increase of about 7% when compared with that of 2014.

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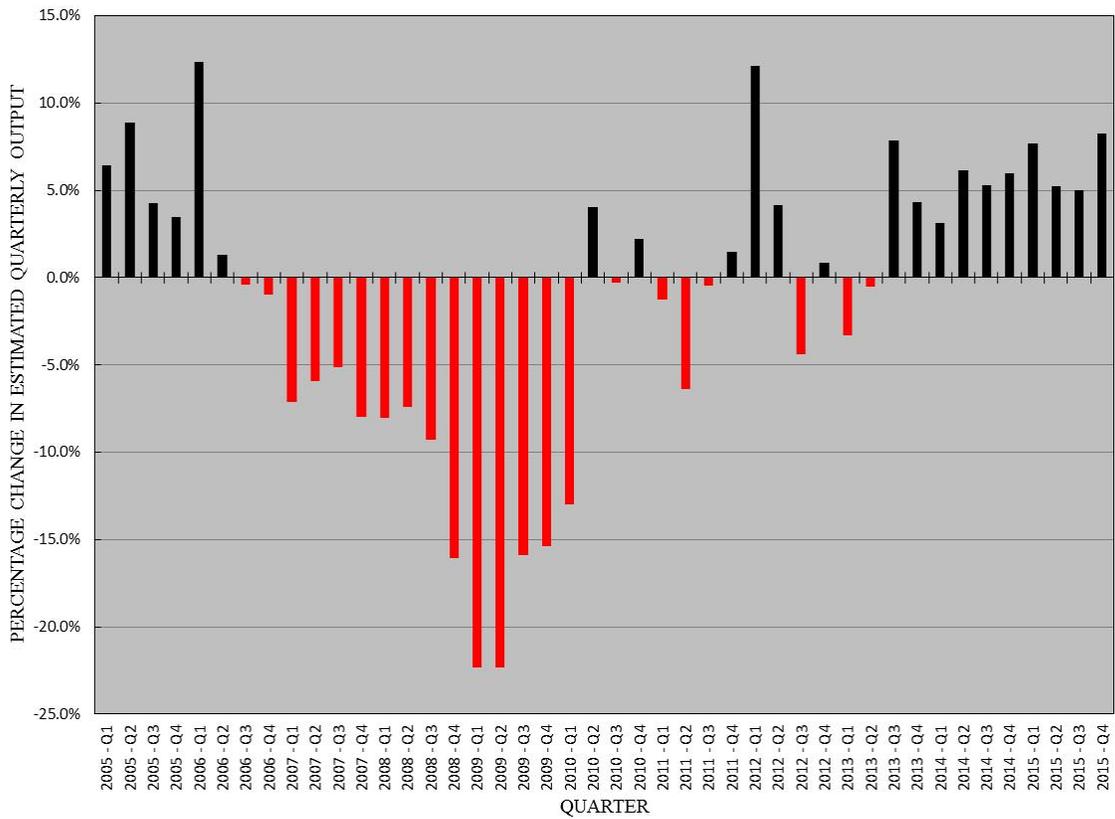


Figure 1. Percentage change in the amount of construction aggregates produced and shipped for consumption in the United States each quarter from 2005 through the fourth quarter of 2015. All comparisons are versus the same quarter of the prior year.

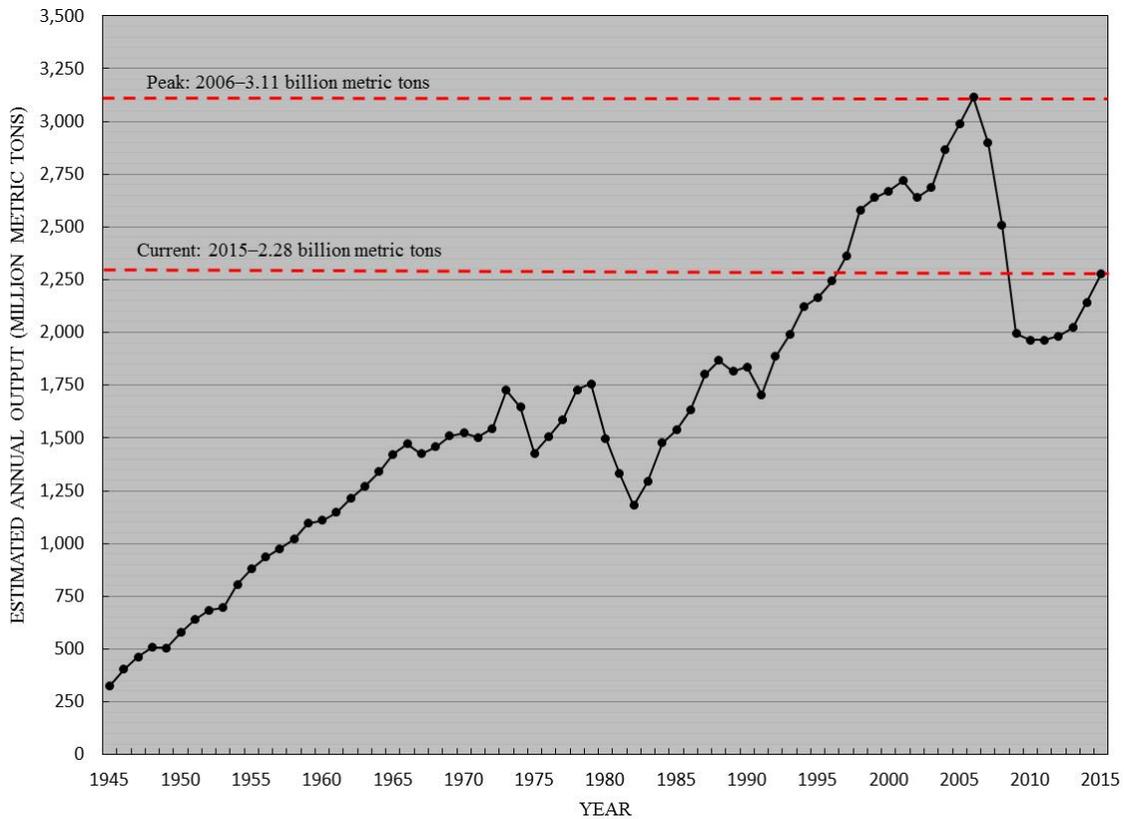


Figure 2. Estimated annual output of construction aggregates produced and shipped for consumption in the United States 1945 through the fourth quarter of 2015.

TABLE 1  
CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION<sup>1</sup>

(Thousand metric tons and thousand dollars)

Region/Division <sup>2</sup>	2014					Value 1st-4th qtr. <sup>3</sup>
	Quantity				1st-4th qtr. <sup>3</sup>	
	1st qtr.	2d qtr.	3d qtr.	4th qtr.		
Northeast:						
New England	1,920	10,900	14,100	10,100	36,900	447,000
Middle Atlantic	14,000	37,500	48,300	35,700	135,000	1,510,000
Midwest:						
East North Central	21,300	52,100	70,300	55,000	199,000	1,670,000
West North Central	19,500	40,900	46,700	32,300	141,000	1,230,000
South:						
South Atlantic	48,600	69,100	69,500	61,600	249,000	3,240,000
East South Central	22,400	35,200	39,600	32,400	130,000	1,420,000
West South Central	50,300	57,100	59,400	54,400	221,000	1,910,000
West:						
Mountain	10,800	15,500	18,600	13,600	61,400	470,000
Pacific	13,100	17,500	20,800	16,000	67,400	640,000
Total <sup>4</sup>	213,000	339,000	381,000	313,000	1,250,000	12,600,000

See footnotes at end of table.

TABLE 1—Continued  
CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION<sup>1</sup>

(Thousand metric tons and thousand dollars)

Region/Division <sup>2</sup>	2015										
	Quantity		Percent		Quantity		Percent		Quantity		Value 1st-4th qtr. <sup>3</sup>
	1st qtr.	change <sup>5</sup>	2d qtr.	change <sup>5</sup>	3d qtr.	change <sup>5</sup>	4th qtr.	change <sup>5</sup>	1st-4th qtr. <sup>3</sup>		
Northeast:											
New England	1,740	-9.2	11,400	4.7	15,100	6.8	12,000	16.5	40,300	510,000	
Middle Atlantic	15,500	10.5	42,900	14.4	50,300	4.0	39,600	9.9	148,000	1,720,000	
Midwest:											
East North Central	24,300	14.3	59,400	14.2	75,600	7.0	61,300	10.3	221,000	1,920,000	
West North Central	22,700	16.1	37,900	-7.3	46,900	0.3	37,200	13.3	146,000	1,330,000	
South:											
South Atlantic	50,500	3.8	73,500	6.5	77,500	10.3	69,100	10.8	271,000	3,660,000	
East South Central	22,600	0.9	38,500	9.6	39,100	-1.2	35,500	9.0	136,000	1,540,000	
West South Central	52,200	3.9	57,200	0.3	65,300	9.1	55,800	2.5	231,000	2,080,000	
West:											
Mountain	11,500	6.8	17,100	9.9	18,200	-2.1	14,200	4.1	64,000	514,000	
Pacific	15,100	15.1	17,800	2.1	21,400	2.5	17,800	10.1	72,000	710,000	
Total <sup>4</sup>	227,000	6.4	358,000	5.6	407,000	6.7	343,000	9.3	1,330,000	14,100,000	

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

<sup>2</sup>Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, MI, OH, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

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

<sup>4</sup>Includes all 50 States.

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

TABLE 2  
CONSTRUCTION SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN  
THE UNITED STATES, BY DIVISION<sup>1</sup>

(Thousand metric tons and thousand dollars)

Region/Division <sup>2</sup>	2014					
	Quantity				Value	
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st–4th qtr. <sup>3</sup>	1st–4th qtr. <sup>3</sup>
Northeast:						
New England	1,680	10,700	14,200	9,980	39,600	362,000
Middle Atlantic	5,850	12,600	17,700	13,400	49,600	465,000
Midwest:						
East North Central	8,060	29,400	42,800	29,900	138,000	903,000
West North Central	9,630	37,100	54,300	29,400	130,000	812,000
South:						
South Atlantic	10,200	14,300	14,500	13,300	52,300	448,000
East South Central	4,110	7,600	9,320	6,270	36,100	256,000
West South Central	30,800	34,100	34,600	30,500	130,000	1,060,000
West:						
Mountain	25,100	46,400	53,200	43,000	168,000	1,390,000
Pacific	28,000	38,800	44,400	33,900	145,000	1,490,000
Total <sup>4</sup>	146,000	244,000	286,000	222,000	897,000	7,260,000

See footnotes at end of table.

TABLE 2—Continued  
CONSTRUCTION SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION<sup>1</sup>

(Thousand metric tons and thousand dollars)

Region/Division <sup>2</sup>	2015										
	Quantity		Percent		Quantity		Percent		Quantity		Value
	1st qtr.	change <sup>5</sup>	2d qtr.	change <sup>5</sup>	3d qtr.	change <sup>5</sup>	4th qtr.	change <sup>5</sup>	1st–4th qtr. <sup>3</sup>	1st–4th qtr. <sup>3</sup>	
Northeast:											
New England	1,490	-11.2	10,000	-6.5	15,300	7.1	11,600	13.7	42,000	401,000	
Middle Atlantic	6,240	6.7	16,500	31.1	19,700	9.7	15,700	14.6	58,100	566,000	
Midwest:											
East North Central	10,500	30.3	33,600	14.3	44,400	3.8	32,700	8.3	152,000	1,030,000	
West North Central	11,600	20.3	37,000	-0.3	48,100	-13.0	30,200	2.6	127,000	823,000	
South:											
South Atlantic	10,500	3.0	14,500	1.6	15,100	3.4	14,100	5.7	54,200	484,000	
East South Central	3,700	-9.9	7,620	0.2	8,480	-9.8	6,540	4.1	35,100	262,000	
West South Central	28,100	-8.7	30,700	-10.1	34,500	-0.4	29,500	-3.4	123,000	1,040,000	
West:											
Mountain	31,900	26.9	51,700	11.4	57,100	6.8	42,700	-0.7	183,000	1,580,000	
Pacific	31,300	11.6	40,000	3.1	45,500	2.4	38,500	11.9	155,000	1,670,000	
Total <sup>4</sup>	159,000	9.5	255,000	4.7	293,000	2.7	237,000	6.7	945,000	7,990,000	

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

<sup>2</sup>Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, MI, OH, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

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

<sup>4</sup>Includes all 50 States.

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

TABLE 3  
CONSTRUCTION AGGREGATES SOLD OR USED BY PRODUCERS  
IN THE UNITED STATES, BY DIVISION<sup>1</sup>

(Thousand metric tons and thousand dollars)

Region/Division <sup>2</sup>	2014					
	Quantity				Value	
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st–4th qtr. <sup>3</sup>	1st–4th qtr. <sup>3</sup>
Northeast:						
New England	3,600	21,600	28,300	20,000	76,600	809,000
Middle Atlantic	19,800	50,100	66,000	49,100	185,000	1,970,000
Midwest:						
East North Central	29,300	81,500	113,000	85,000	337,000	2,570,000
West North Central	29,100	77,900	101,000	61,700	271,000	2,050,000
South:						
South Atlantic	58,800	83,400	84,100	74,800	301,000	3,680,000
East South Central	26,500	42,800	48,900	38,600	166,000	1,670,000
West South Central	81,100	91,200	94,000	84,900	351,000	2,970,000
West:						
Mountain	35,900	61,900	71,800	56,700	229,000	1,860,000
Pacific	41,100	56,200	65,200	49,900	212,000	2,130,000
Total <sup>4</sup>	359,000	583,000	667,000	535,000	2,140,000	19,900,000

See footnotes at end of table.

TABLE 3—Continued  
CONSTRUCTION AGGREGATES SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION<sup>1</sup>

(Thousand metric tons and thousand dollars)

Region/Division <sup>2</sup>	2015										
	Quantity		Percent		Quantity		Percent		Quantity		Value
	1st qtr.	change <sup>5</sup>	2d qtr.	change <sup>5</sup>	3d qtr.	change <sup>5</sup>	4th qtr.	change <sup>5</sup>	1st–4th qtr. <sup>3</sup>	1st–4th qtr. <sup>3</sup>	
Northeast:											
New England	3,230	-10.1	21,400	-0.9	30,400	7.0	23,600	15.1	82,300	911,000	
Middle Atlantic	21,700	9.4	59,400	18.6	70,000	5.6	55,300	11.2	206,000	2,290,000	
Midwest:											
East North Central	34,800	18.7	93,100	14.2	120,000	5.8	94,000	9.6	373,000	2,940,000	
West North Central	34,200	17.5	74,800	-4.0	94,900	-6.4	67,400	8.5	273,000	2,160,000	
South:											
South Atlantic	61,000	3.7	88,100	5.6	92,500	9.1	83,100	10.0	325,000	4,150,000	
East South Central	26,300	-0.8	46,200	7.9	47,600	-2.8	42,100	8.2	171,000	1,800,000	
West South Central	80,300	-0.9	87,900	-3.6	99,700	5.8	85,300	0.5	353,000	3,120,000	
West:											
Mountain	43,300	20.9	68,700	11.0	75,300	4.6	57,000	0.5	247,000	2,090,000	
Pacific	46,300	12.7	57,800	2.8	66,800	2.4	56,300	11.3	227,000	2,380,000	
Total <sup>4</sup>	386,000	7.7	613,000	5.2	700,000	5.0	579,000	8.2	2,280,000	22,100,000	

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

<sup>2</sup>Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, MI, OH, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

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

<sup>4</sup>Includes all 50 States.

<sup>5</sup>Compared 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 STATE<sup>1</sup>

(Thousand metric tons and thousand dollars)

State	2014					
	Quantity					Value
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. <sup>2</sup>	1st-4th qtr. <sup>2</sup>
Alabama	7,690	9,990	10,600	8,460	36,800	390,000
Alaska	(3)	(3)	(3)	(3)	851	9,230
Arizona	2,410	2,170	2,240	1,930	8,750	74,900
Arkansas	5,190	7,120	7,130	6,850	26,300	214,000
California	7,320	9,390	10,400	8,630	35,800	314,000
Colorado	2,760	3,620	3,640	2,830	12,900	106,000
Connecticut	449	2,700	3,310	2,600	9,050	142,000
Delaware	W	W	W	W	W	W
Florida	15,100	15,300	13,700	13,000	57,200	681,000
Georgia	9,220	12,000	12,100	10,300	43,500	549,000
Hawaii	(3)	(3)	(3)	(3)	5,650	107,000
Idaho	227	1,120	1,960	1,070	4,380	28,200
Illinois	3,540	13,300	19,600	15,500	52,000	515,000
Indiana	4,550	12,100	14,700	12,700	44,100	337,000
Iowa	2,660	9,590	11,200	8,260	31,700	298,000
Kansas	2,280	4,740	5,420	3,520	16,000	136,000
Kentucky	7,270	14,000	16,500	13,700	51,500	474,000
Louisiana	W	W	W	W	W	W
Maine	188	1,090	1,640	920	3,830	31,500
Maryland	2,860	6,440	7,230	6,010	22,500	221,000
Massachusetts	680	3,110	3,670	3,230	10,700	148,000
Michigan	1,440	6,880	10,900	7,590	26,900	199,000
Minnesota	379	2,500	4,070	2,010	8,960	103,000
Mississippi	369	571	673	531	2,140	60,600
Missouri	12,500	19,900	21,300	15,100	68,800	550,000
Montana	(3)	(3)	(3)	(3)	2,910	26,100
Nebraska	1,240	2,050	2,400	1,790	7,470	85,200
Nevada	1,780	2,130	2,480	2,160	8,550	76,200
New Hampshire	347	1,410	2,020	1,360	5,130	44,300
New Jersey	2,020	5,030	5,150	4,690	16,900	154,000
New Mexico	731	780	1,770	1,440	4,720	42,000
New York	2,830	9,570	15,200	9,890	37,500	418,000
North Carolina	8,000	13,200	13,200	11,800	46,200	727,000
North Dakota	(3)	(3)	(3)	(3)	1,410	14,000
Ohio	5,080	14,900	19,400	15,400	54,800	485,000
Oklahoma	9,830	11,500	9,710	8,640	39,700	317,000
Oregon	2,570	4,390	6,200	4,190	17,300	134,000
Pennsylvania	9,150	22,900	28,000	21,100	81,100	937,000
Rhode Island	96	611	472	518	1,700	18,400
South Carolina	3,820	5,490	5,480	5,430	20,200	212,000
South Dakota	461	2,100	2,340	1,540	6,450	47,200
Tennessee	7,080	10,600	11,800	9,660	39,200	493,000
Texas	34,600	37,700	41,700	38,200	152,000	1,320,000
Utah	1,220	2,140	2,860	2,030	8,250	65,900
Vermont	159	1,940	2,990	1,440	6,520	63,400
Virginia	6,830	12,800	13,100	10,900	43,700	669,000
Washington	3,200	3,680	4,220	3,180	14,300	191,000
West Virginia	2,690	3,750	4,500	3,930	14,900	168,000
Wisconsin	6,660	4,880	5,500	3,800	20,800	134,000
Wyoming	1,630	3,560	3,620	2,170	11,000	51,500

See footnotes at end of table.

TABLE 4—Continued  
CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE<sup>1</sup>

(Thousand metric tons and thousand dollars)

State	2015									
	Quantity 1st qtr.	Percent change <sup>4</sup>	Quantity 2d qtr.	Percent change <sup>4</sup>	Quantity 3d qtr.	Percent change <sup>4</sup>	Quantity 4th qtr.	Percent change <sup>4</sup>	Quantity 1st–4th qtr. <sup>2</sup>	Value 1st–4th qtr. <sup>2</sup>
Alabama	7,240	-5.8	9,770	-2.3	10,100	-4.9	9,280	9.8	36,400	401,000
Alaska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	851	9,600
Arizona	2,480	2.7	2,970	37.1	2,220	-1.3	2,510	30.0	10,200	90,600
Arkansas	5,890	13.7	7,070	-0.6	7,470	4.8	7,300	6.5	27,700	235,000
California	8,690	18.7	9,080	-3.4	10,700	2.9	9,480	9.8	38,000	347,000
Colorado	2,540	-8.1	3,270	-9.7	4,250	16.7	2,760	-2.3	12,800	109,000
Connecticut	379	-15.5	2,820	4.3	3,810	15.3	3,260	25.3	10,300	167,000
Delaware	W	W	W	W	W	W	W	W	W	W
Florida	14,100	-6.6	15,000	-1.5	16,500	19.8	17,300	32.9	63,000	780,000
Georgia	9,530	3.4	13,200	10.0	13,600	12.5	12,100	17.7	48,400	634,000
Hawaii	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	5,650	111,000
Idaho	361	59.2	933	-16.7	1,430	-27.1	720	-32.9	3,450	23,100
Illinois	5,170	46.1	14,900	11.8	18,400	-6.1	14,300	-8.2	52,800	543,000
Indiana	5,900	29.8	13,400	11.1	17,400	18.3	15,200	20.2	52,000	414,000
Iowa	3,510	32.1	9,970	4.0	10,700	-4.9	8,220	-0.4	32,400	317,000
Kansas	2,920	28.4	4,800	1.2	5,320	-1.9	4,500	27.8	17,500	155,000
Kentucky	7,970	9.8	16,300	16.5	15,900	-4.0	14,700	7.1	54,800	525,000
Louisiana	W	W	W	W	W	W	W	W	W	W
Maine	131	-30.2	1,240	13.5	1,780	9.1	1,140	24.2	4,290	36,700
Maryland	3,220	12.7	6,670	3.6	7,420	2.5	6,000	-0.1	23,300	237,000
Massachusetts	606	-10.9	3,270	5.2	4,170	13.6	3,730	15.4	11,800	170,000
Michigan	2,190	51.8	8,700	26.6	13,400	22.5	9,390	23.6	33,700	259,000
Minnesota	680	79.3	2,950	18.2	3,830	-5.9	2,290	13.9	9,750	117,000
Mississippi	367	-0.6	483	-15.4	488	-27.5	402	-24.2	1,740	51,200
Missouri	13,300	6.7	16,100	-18.8	22,800	7.1	19,100	26.0	71,300	593,000
Montana	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	3,080	28,800
Nebraska	1,530	23.4	2,130	3.8	2,320	-3.0	1,990	11.6	7,970	94,500
Nevada	1,760	-1.3	2,450	15.0	2,780	11.9	2,350	9.1	9,340	86,600
New Hampshire	346	-0.2	1,460	3.7	2,240	11.0	1,800	32.5	5,840	52,500
New Jersey	1,890	-6.5	4,610	-8.4	5,570	8.0	4,630	-1.2	16,700	158,000
New Mexico	1,160	58.6	1,260	60.9	1,370	-23.0	1,310	-8.9	5,090	47,000
New York	3,170	12.2	12,800	33.9	16,000	5.4	12,200	23.8	44,200	513,000
North Carolina	8,600	7.5	14,700	11.3	14,300	8.2	11,900	0.7	49,500	810,000
North Dakota	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	1,270	13,100
Ohio	5,920	16.4	15,800	6.1	20,400	5.0	17,500	13.2	59,600	548,000
Oklahoma	8,240	-16.2	9,850	-14.6	10,700	10.5	9,480	9.8	38,300	318,000
Oregon	3,110	20.8	4,890	11.5	6,240	0.6	4,880	16.4	19,100	154,000
Pennsylvania	10,400	13.8	25,500	11.2	28,700	2.8	22,700	7.7	87,300	1,050,000
Rhode Island	125	30.0	748	22.4	659	39.6	628	21.3	2,160	24,400
South Carolina	4,680	22.5	6,370	16.1	6,730	23.0	6,250	15.0	24,000	263,000
South Dakota	678	47.0	1,890	-10.2	1,950	-16.8	1,150	-25.6	5,660	43,100
Tennessee	7,030	-0.8	12,000	13.0	12,700	7.6	11,200	15.7	42,900	561,000
Texas	37,400	8.1	39,500	4.5	46,000	10.1	38,100	-0.3	161,000	1,450,000
Utah	1,590	30.2	2,760	29.0	2,220	-22.4	2,260	11.1	8,820	73,400
Vermont	156	-2.1	1,840	-5.2	2,450	-17.8	1,490	3.7	5,940	60,000
Virginia	7,730	13.1	13,600	6.0	14,600	10.7	11,800	7.7	47,600	758,000
Washington	3,280	2.3	3,860	4.8	4,410	4.4	3,440	8.2	15,000	209,000
West Virginia	2,460	-8.6	3,810	1.6	4,200	-6.8	3,460	-12.1	13,900	163,000
Wisconsin	5,140	-22.8	6,620	35.7	5,890	7.0	4,990	31.2	22,600	152,000
Wyoming	1,610	-1.5	3,420	-3.9	3,950	9.0	2,300	5.9	11,300	55,000

W Withheld to avoid disclosing company proprietary data.

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

<sup>2</sup>Data may not add to totals shown because of independent rounding, and differences between projected totals by States and by divisions.

<sup>3</sup>State not included in quarterly survey.

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

TABLE 5  
CONSTRUCTION SAND AND GRAVEL SOLD OR USED BY PRODUCERS  
IN THE UNITED STATES, BY STATE<sup>1</sup>

(Thousand metric tons and thousand dollars)

State	2014					
	Quantity				Value	
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. <sup>2</sup>	1st-4th qtr. <sup>2</sup>
Alabama	(3)	(3)	(3)	(3)	8,780	56,000
Alaska	(3)	(3)	(3)	(3)	7,080	53,700
Arizona	8,000	9,050	9,000	9,600	35,600	334,000
Arkansas	1,980	2,920	3,050	2,620	10,600	95,900
California	16,600	23,200	26,300	21,000	87,100	1,010,000
Colorado	6,050	11,700	12,600	9,680	40,000	320,000
Connecticut	196	2,590	2,600	1,850	7,250	72,100
Delaware	256	499	485	418	1,660	15,100
Florida	4,210	4,740	4,440	4,110	17,500	150,000
Georgia	1,280	1,660	1,690	1,450	6,070	40,200
Hawaii	(3)	(3)	(3)	(3)	786	15,900
Idaho	1,260	4,370	5,840	2,880	14,400	112,000
Illinois	1,400	5,430	8,070	5,770	20,700	149,000
Indiana	1,790	4,730	5,650	4,310	16,500	102,000
Iowa	952	4,370	5,300	3,780	14,400	100,000
Kansas	1,440	2,910	3,100	1,930	9,380	53,500
Kentucky	894	2,490	3,260	1,930	8,570	44,600
Louisiana	3,850	3,560	3,620	3,190	14,200	167,000
Maine	190	1,970	3,040	2,230	7,430	58,100
Maryland	658	1,270	1,900	2,100	5,920	73,800
Massachusetts	691	3,030	3,680	3,000	10,400	103,000
Michigan	2,210	11,300	18,800	12,000	44,300	258,000
Minnesota	2,410	12,300	24,000	11,100	49,800	264,000
Mississippi	1,930	3,320	3,510	2,560	11,300	94,500
Missouri	1,420	2,450	2,900	1,850	8,610	61,300
Montana	854	4,010	4,870	3,190	12,900	103,000
Nebraska	1,580	3,420	3,500	2,720	11,200	78,400
Nevada	1,990	3,470	4,010	3,130	12,600	91,700
New Hampshire	430	2,010	2,880	1,890	7,210	55,000
New Jersey	1,810	3,790	3,930	3,370	12,900	121,000
New Mexico	2,130	3,200	3,840	4,880	14,000	122,000
New York	2,840	5,650	10,200	7,200	25,900	242,000
North Carolina	1,320	1,950	1,980	1,800	7,050	44,400
North Dakota	1,160	8,850	11,500	6,020	27,500	206,000
Ohio	2,660	7,920	10,300	7,880	28,700	242,000
Oklahoma	2,030	2,300	2,170	1,980	8,480	56,000
Oregon	1,740	2,960	4,030	2,760	11,500	105,000
Pennsylvania	1,200	3,150	3,610	2,840	10,800	102,000
Rhode Island	(3)	(3)	(3)	(3)	3,090	37,200
South Carolina	1,370	2,200	1,970	1,750	7,280	43,800
South Dakota	683	2,820	3,980	2,000	9,480	48,400
Tennessee	1,290	1,800	2,550	1,780	7,420	61,200
Texas	22,900	25,400	25,800	22,700	96,700	742,000
Utah	3,780	7,780	9,330	7,670	28,600	219,000
Vermont	171	1,110	1,980	1,000	4,260	36,900
Virginia	944	1,810	1,830	1,490	6,070	73,300
Washington	9,690	12,600	14,000	10,200	46,500	377,000
West Virginia	158	197	264	141	760	6,810
Wisconsin	(3)	(3)	(3)	(3)	28,300	153,000
Wyoming	1,040	2,830	3,750	2,000	9,620	86,800

See footnotes at end of table.

TABLE 5—Continued  
CONSTRUCTION SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE<sup>1</sup>

(Thousand metric tons and thousand dollars)

State	2015									
	Quantity 1st qtr.	Percent change <sup>4</sup>	Quantity 2d qtr.	Percent change <sup>4</sup>	Quantity 3d qtr.	Percent change <sup>4</sup>	Quantity 4th qtr.	Percent change <sup>4</sup>	Quantity 1st–4th qtr. <sup>2</sup>	Value 1st–4th qtr. <sup>2</sup>
Alabama	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	8,780	58,200
Alaska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	7,080	55,800
Arizona	9,670	21.0	11,300	25.1	10,800	19.7	8,780	-8.6	40,500	395,000
Arkansas	1,900	-4.0	2,080	-28.8	1,970	-35.3	2,160	-17.4	8,110	76,600
California	20,300	22.7	24,400	5.2	27,800	5.6	24,600	17.1	97,100	1,170,000
Colorado	7,050	16.5	10,300	-12.1	11,700	-6.9	9,020	-6.8	38,100	316,000
Connecticut	181	-7.8	1,790	-31.0	2,860	9.7	2,270	22.7	7,100	73,500
Delaware	317	24.0	527	5.5	540	11.4	530	26.6	1,910	18,100
Florida	4,280	1.5	4,900	3.2	4,850	9.3	4,790	16.5	18,800	168,000
Georgia	1,300	1.4	1,560	-5.9	1,560	-7.6	1,430	-1.1	5,850	40,300
Hawaii	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	786	16,500
Idaho	2,050	62.4	3,370	-22.8	5,080	-13.0	2,920	1.5	13,400	109,000
Illinois	1,940	38.5	6,280	15.6	7,990	-1.0	5,960	3.2	22,200	166,000
Indiana	2,200	22.8	4,610	-2.5	6,160	9.1	4,860	12.9	17,800	114,000
Iowa	1,430	49.8	4,970	13.7	5,650	6.6	4,220	11.5	16,300	117,000
Kansas	1,630	13.3	3,300	13.4	3,160	1.7	2,370	22.6	10,500	62,000
Kentucky	931	4.1	2,320	-6.9	2,270	-30.3	1,970	2.2	7,490	40,500
Louisiana	2,930	-23.9	3,690	3.5	3,650	0.8	3,460	8.4	13,700	167,000
Maine	141	-25.5	2,130	7.8	3,580	17.7	2,650	19.1	8,500	69,100
Maryland	726	10.3	1,310	3.3	1,980	4.5	2,230	5.8	6,240	80,900
Massachusetts	596	-13.7	3,160	4.4	4,240	15.2	3,610	20.3	11,600	119,000
Michigan	3,690	67.1	14,600	28.6	19,700	5.1	12,600	5.5	50,600	306,000
Minnesota	2,640	9.8	12,500	2.2	20,200	-15.8	10,600	-4.6	46,000	253,000
Mississippi	1,520	-21.3	2,700	-18.6	3,180	-9.5	2,450	-4.3	9,840	85,500
Missouri	2,340	65.5	2,880	17.4	2,820	-2.7	2,320	25.8	10,400	76,800
Montana	1,240	44.9	4,710	17.7	4,870	0.1	2,920	-8.6	13,700	114,000
Nebraska	1,790	13.3	3,150	-7.7	3,480	-0.7	3,230	19.0	11,700	84,700
Nevada	2,070	4.1	3,320	-4.3	5,120	27.6	5,530	76.6	16,000	121,000
New Hampshire	413	-4.0	1,700	-15.3	2,770	-3.6	2,020	6.8	6,910	54,800
New Jersey	1,700	-5.8	3,660	-3.6	3,860	-1.8	3,230	-4.1	12,500	121,000
New Mexico	3,570	68.0	4,160	30.0	5,210	35.9	3,720	-23.8	16,700	151,000
New York	3,240	13.9	9,800	73.5	12,100	19.0	9,620	33.6	34,800	339,000
North Carolina	1,280	-3.1	2,220	13.5	2,010	1.6	1,700	-5.4	7,210	47,200
North Dakota	940	-18.6	7,240	-18.2	9,720	-15.3	5,750	-4.5	23,700	185,000
Ohio	2,680	0.5	8,170	3.1	10,600	2.9	9,190	16.5	30,600	268,000
Oklahoma	1,820	-10.5	2,140	-6.9	2,500	15.4	2,340	18.3	8,800	60,400
Oregon	2,070	18.7	3,120	5.3	4,200	4.2	3,230	16.8	12,600	120,000
Pennsylvania	1,300	8.4	3,060	-3.0	3,650	1.3	2,850	0.4	10,900	106,000
Rhode Island	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	3,710	46,400
South Carolina	1,460	6.9	2,070	-5.9	2,100	6.6	1,730	-1.3	7,350	46,000
South Dakota	813	19.0	2,900	2.8	3,000	-24.6	1,720	-14.2	8,420	44,700
Tennessee	1,260	-2.6	2,600	44.6	3,040	19.1	2,120	18.9	9,010	77,200
Texas	21,400	-6.4	22,800	-10.1	26,300	2.3	21,500	-5.2	92,100	735,000
Utah	4,860	28.8	12,200	56.7	10,900	16.9	8,130	5.9	36,100	287,000
Vermont	159	-7.3	1,230	11.3	1,820	-8.0	1,010	0.6	4,220	38,000
Virginia	1,040	9.7	1,810	-0.2	1,840	0.9	1,500	0.9	6,190	77,700
Washington	8,860	-8.6	12,500	-1.4	13,500	-3.8	10,700	5.0	45,500	383,000
West Virginia	103	-35.0	165	-16.4	170	-35.6	158	11.9	595	5,550
Wisconsin	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	30,800	174,000
Wyoming	1,340	28.6	2,320	-18.0	3,400	-9.3	1,720	-13.8	8,780	82,400

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

<sup>2</sup>Data may not add to totals shown because of independent rounding, and differences between projected totals by States and by divisions.

<sup>3</sup>State not included in quarterly survey.

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

TABLE 6  
CONSTRUCTION AGGREGATES SOLD OR USED BY PRODUCERS  
IN THE UNITED STATES, BY STATE<sup>1</sup>

(Thousand metric tons and thousand dollars)

State	2014					
	Quantity				Value	
	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st-4th qtr. <sup>2</sup>	1st-4th qtr. <sup>2</sup>
Alabama	(3)	(3)	(3)	(3)	45,600	446,000
Alaska	(3)	(3)	(3)	(3)	7,930	62,900
Arizona	10,400	11,200	11,200	11,500	44,400	409,000
Arkansas	7,160	10,000	10,200	9,470	36,800	310,000
California	23,900	32,600	36,700	29,600	123,000	1,320,000
Colorado	8,810	15,300	16,200	12,500	52,800	425,000
Connecticut	645	5,290	5,910	4,460	16,300	214,000
Delaware	W	W	W	W	W	W
Florida	19,400	20,000	18,200	17,200	74,700	831,000
Georgia	10,500	13,600	13,700	11,700	49,600	589,000
Hawaii	(3)	(3)	(3)	(3)	6,430	123,000
Idaho	1,490	5,490	7,810	3,950	18,700	141,000
Illinois	4,940	18,800	27,700	21,300	72,700	664,000
Indiana	6,330	16,800	20,400	17,000	60,500	438,000
Iowa	3,610	14,000	16,500	12,000	46,100	398,000
Kansas	3,720	7,650	8,520	5,450	25,300	189,000
Kentucky	8,160	16,500	19,800	15,600	60,100	519,000
Louisiana	W	W	W	W	W	W
Maine	378	3,060	4,680	3,150	11,300	89,600
Maryland	3,520	7,710	9,130	8,110	28,500	294,000
Massachusetts	1,370	6,140	7,350	6,230	21,100	251,000
Michigan	3,650	18,200	29,700	19,600	71,200	457,000
Minnesota	2,790	14,700	28,100	13,100	58,800	367,000
Mississippi	2,300	3,890	4,180	3,090	13,500	155,000
Missouri	13,900	22,300	24,200	17,000	77,400	611,000
Montana	(3)	(3)	(3)	(3)	15,800	129,000
Nebraska	2,820	5,470	5,900	4,500	18,700	164,000
Nevada	3,770	5,600	6,490	5,290	21,100	168,000
New Hampshire	777	3,420	4,890	3,250	12,300	99,300
New Jersey	3,820	8,830	9,090	8,060	29,800	274,000
New Mexico	2,860	3,980	5,610	6,310	18,800	164,000
New York	5,670	15,200	25,400	17,100	63,400	660,000
North Carolina	9,320	15,100	15,200	13,600	53,300	772,000
North Dakota	(3)	(3)	(3)	(3)	28,900	220,000
Ohio	7,740	22,800	29,700	23,300	83,500	727,000
Oklahoma	11,900	13,800	11,900	10,600	48,200	373,000
Oregon	4,320	7,350	10,200	6,950	28,800	240,000
Pennsylvania	10,300	26,100	31,600	23,900	91,900	1,040,000
Rhode Island	(3)	(3)	(3)	(3)	4,790	55,600
South Carolina	5,190	7,680	7,440	7,180	27,500	256,000
South Dakota	1,140	4,920	6,320	3,540	15,900	95,600
Tennessee	8,370	12,400	14,300	11,400	46,600	554,000
Texas	57,500	63,100	67,500	60,900	249,000	2,060,000
Utah	5,000	9,920	12,200	9,700	36,800	284,000
Vermont	331	3,050	4,970	2,440	10,800	100,000
Virginia	7,770	14,600	15,000	12,400	49,800	742,000
Washington	12,900	16,300	18,200	13,400	60,800	568,000
West Virginia	2,850	3,950	4,770	4,070	15,600	174,000
Wisconsin	(3)	(3)	(3)	(3)	49,100	288,000
Wyoming	2,670	6,380	7,380	4,170	20,600	138,000

See footnotes at end of table.

TABLE 6—Continued  
CONSTRUCTION AGGREGATES SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE<sup>1</sup>

(Thousand metric tons and thousand dollars)

State	2015									
	Quantity 1st qtr.	Percent change <sup>4</sup>	Quantity 2d qtr.	Percent change <sup>4</sup>	Quantity 3d qtr.	Percent change <sup>4</sup>	Quantity 4th qtr.	Percent change <sup>4</sup>	Quantity 1st–4th qtr. <sup>2</sup>	Value 1st–4th qtr. <sup>2</sup>
Alabama	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	45,200	460,000
Alaska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	7,930	65,400
Arizona	12,100	16.7	14,300	27.4	13,000	15.6	11,300	-2.1	50,700	485,000
Arkansas	7,790	8.8	9,150	-8.8	9,440	-7.3	9,460	-0.1	35,800	312,000
California	29,000	21.5	33,500	2.7	38,500	4.8	34,000	15.0	135,000	1,520,000
Colorado	9,590	8.8	13,500	-11.6	15,900	-1.6	11,800	-5.8	50,900	426,000
Connecticut	560	-13.2	4,600	-13.0	6,670	12.8	5,530	24.2	17,400	241,000
Delaware	W	W	W	W	W	W	W	W	W	W
Florida	18,400	-4.8	19,900	-0.4	21,300	17.2	22,100	29.0	81,800	948,000
Georgia	10,800	3.2	14,700	8.1	15,100	10.0	13,500	15.4	54,200	675,000
Hawaii	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	6,430	128,000
Idaho	2,410	61.9	4,310	-21.6	6,510	-16.6	3,640	-7.8	16,900	132,000
Illinois	7,110	44.0	21,200	12.9	26,400	-4.6	20,200	-5.1	74,900	709,000
Indiana	8,090	27.8	18,000	7.3	23,600	15.7	20,100	18.4	69,800	528,000
Iowa	4,930	36.8	14,900	7.0	16,300	-1.2	12,400	3.3	48,600	434,000
Kansas	4,560	22.6	8,090	5.9	8,470	-0.6	6,870	25.9	28,000	217,000
Kentucky	8,910	9.1	18,600	13.0	18,100	-8.4	16,700	6.5	62,300	566,000
Louisiana	W	W	W	W	W	W	W	W	W	W
Maine	273	-27.8	3,360	9.8	5,370	14.7	3,800	20.6	12,800	106,000
Maryland	3,950	12.3	7,980	3.6	9,400	3.0	8,220	1.4	29,600	318,000
Massachusetts	1,200	-12.3	6,430	4.8	8,410	14.4	7,340	17.8	23,400	289,000
Michigan	5,880	61.0	23,300	27.8	33,200	11.5	22,000	12.5	84,300	566,000
Minnesota	3,320	19.3	15,500	4.9	24,100	-14.4	12,900	-1.7	55,800	370,000
Mississippi	1,880	-18.0	3,190	-18.1	3,660	-12.4	2,850	-7.7	11,600	137,000
Missouri	15,700	12.7	19,000	-14.8	25,600	5.9	21,400	25.9	81,700	670,000
Montana	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	16,800	143,000
Nebraska	3,320	17.8	5,280	-3.4	5,800	-1.6	5,230	16.1	19,600	179,000
Nevada	3,830	1.5	5,770	3.0	7,890	21.6	7,890	49.1	25,400	208,000
New Hampshire	759	-2.3	3,160	-7.5	5,010	2.5	3,810	17.5	12,800	107,000
New Jersey	3,590	-6.2	8,260	-6.4	9,430	3.8	7,860	-2.4	29,100	279,000
New Mexico	4,730	65.6	5,410	36.0	6,580	17.3	5,030	-20.4	21,700	198,000
New York	6,410	13.0	22,600	48.6	28,100	10.9	21,900	27.9	79,000	851,000
North Carolina	9,880	6.0	16,900	11.6	16,300	7.3	13,600	-0.1	56,700	857,000
North Dakota	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	24,900	198,000
Ohio	8,590	11.0	23,900	5.1	31,000	4.3	26,600	14.4	90,100	816,000
Oklahoma	10,100	-15.2	12,000	-13.3	13,200	11.4	11,800	11.4	47,100	378,000
Oregon	5,180	19.9	8,010	9.0	10,400	2.0	8,100	16.6	31,700	274,000
Pennsylvania	11,700	13.1	28,500	9.5	32,400	2.6	25,600	6.8	98,200	1,160,000
Rhode Island	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	5,870	70,800
South Carolina	6,140	18.4	8,440	9.8	8,830	18.7	7,970	11.0	31,400	309,000
South Dakota	1,490	30.3	4,790	-2.7	4,950	-21.7	2,860	-19.2	14,100	87,900
Tennessee	8,280	-1.1	14,600	17.5	15,700	9.6	13,300	16.2	51,900	639,000
Texas	58,800	2.4	62,200	-1.3	72,300	7.1	59,600	-2.1	253,000	2,180,000
Utah	6,450	29.1	14,900	50.8	13,100	7.7	10,400	7.0	44,900	361,000
Vermont	315	-4.8	3,070	0.8	4,270	-13.9	2,500	2.4	10,200	98,000
Virginia	8,760	12.7	15,400	5.3	16,400	9.5	13,300	6.9	53,800	836,000
Washington	12,100	-5.9	16,300	0.0	17,900	-1.9	14,100	5.8	60,400	592,000
West Virginia	2,560	-10.1	3,970	0.7	4,370	-8.4	3,610	-11.2	14,500	169,000
Wisconsin	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	53,500	326,000
Wyoming	2,950	10.2	5,740	-10.2	7,350	-0.3	4,020	-3.6	20,100	137,000

W Withheld to avoid disclosing company proprietary data.

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

<sup>2</sup>Data may not add to totals shown because of independent rounding, and differences between projected totals by States and by divisions.

<sup>3</sup>State not included in quarterly survey.

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