

# Mineral Industry Surveys

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## CRUSHED STONE AND SAND AND GRAVEL IN THE FIRST QUARTER 2007

An estimated 255 million metric tons (Mt) of *crushed stone* was produced and shipped for consumption in the United States in the first quarter of 2007, a decrease of 21.6% compared with that of the same period of 2006.

The estimated U.S. output of *construction sand and gravel* produced and shipped for consumption in the first quarter of 2007 was 179 Mt, compared with 221 Mt in the same period of 2006.

An estimated 434 Mt of total *aggregates* was produced and shipped for consumption in the United States in the first quarter of 2007, compared with 547 Mt in the same period of 2006.

During the first quarter of 2006, there was a large increase in *aggregates* production owing to the combination of favorable weather and strong demand that the industry did not experience again in 2007. Severe winter weather conditions in some areas and lower *aggregates* demand from residential construction were the main causes of lower *aggregates* production during the first quarter of 2007. Until the residential construction markets recover, *aggregates* production will most likely continue to be lower than that of 2006.

The estimated portland cement consumption decreased by 15.5% in the first quarter of 2007 compared with that of the same period of 2006. This information is a product of the U.S. Geological Survey (USGS) monthly survey of U.S. cement producers.

The production-for-consumption estimates for *crushed stone*, *construction sand and gravel*, and *aggregates*, are generated independently for each State and each geographic division, and the 48 conterminous States, which are treated as a separate statistical sample areas. Therefore, some differences may exist between the total for a division and the sum of the State totals that are part of the same geographic division. Similarly differences may exist between the estimations of total *aggregates* and estimations done separately for *crushed stone* and *construction sand and gravel* for a specific statistical area. The information from the USGS quarterly survey on domestic production of *crushed stone*, *construction sand and gravel*, and *aggregates* has become a significant indicator of construction activity at the national, regional, and State level.

This survey is a sample survey that generates production-for-consumption estimates by quarters, based on information reported voluntarily by a limited number of producing companies. Occasionally, the number of companies reporting in an area varies from quarter to quarter, or previously reported data by some companies are revised. As a result of such changes in the size or the composition of the statistical sample, the estimated quantities for prior quarters are recalculated. The latest release of the quarterly Mineral Industry Surveys contains the most recent estimated totals and percentage changes and supersedes previously published similar information.

The estimated *crushed stone* sold or used in the United States in the first quarter of 2007 decreased in seven of the nine geographic divisions and increased in the remaining two divisions. The largest decreases were recorded in the East North Central (34.9%), New England (29.3%), and West South Central (28.0%) divisions. The largest increase in the production of *crushed stone* was recorded in the Mountain (14.4%) division.

The leading geographic divisions in the production of *crushed stone* sold or used in the first quarter of 2007 were the South Atlantic with 75.9 Mt, or 29.8% of the U.S. total, followed by the West South Central with 38.2 Mt, or 15.0%, and the East South Central with 36.2 Mt, or 14.2%.

The estimated *construction sand and gravel* sold or used in the United States in the first quarter of 2007 decreased in all nine geographic divisions. The largest decreases were recorded in East North Central (35.6%), the West North Central (25.6%), and the West South Central (23.8%) divisions.

The leading geographic divisions for the total amount of *construction sand and gravel* sold or used in the first quarter of 2007 were the Mountain with 49.8 Mt, or 27.8% of the U.S. total, followed by the Pacific with 40.9 Mt, or 22.8%, and the West South Central with 23.3 Mt, or 13.0%.

The estimated U.S. output of *aggregates* sold or used in the first quarter of 2007 decreased in eight of the nine geographic divisions. The largest decreases were recorded in the East North Central (35.0%), the New England (27.9%), and the West South Central (27.3%) divisions. The only increase in the production

for consumption of aggregates was recorded in the East South Central (0.5%) division.

The leading geographic divisions for the total amount of *aggregates* sold or used in the first quarter of 2007 were the South Atlantic with 93.3 Mt, or 21.5% of the U.S. total, followed by the Mountain with 61.5 Mt or 14.2%, and the Pacific with 60.7 Mt, or 14.0% of the U.S. total.

The estimated totals by quarters for the geographic divisions do not include Alaska and Hawaii.

The estimated production-for-consumption of *crushed stone* in the first quarter of 2007 decreased in 34 of the 47 States that were estimated, with the largest percentage decreases occurring in Nebraska (50.2%), Ohio (47.0%), West Virginia (43.1%), Wisconsin (42.1%), and Massachusetts (41.9%). The five leading States, in descending order of production, in the production-for-consumption of *crushed stone* in the first quarter of 2007 were Florida, Texas, Georgia, Missouri, and Pennsylvania. Their combined total production-for-consumption represented 36.4% of the U.S. total.

The production-for-consumption of *construction sand and gravel* decreased in 35 of the 46 States that were estimated, with the largest decreases occurring in Nevada (52.9%), New Hampshire (43.0%), Kentucky (41.7%), Connecticut (40.0%), and Ohio (39.7%). The five leading States, in descending order of production, in the production-for-consumption of *construction sand and gravel* in the first quarter of 2007 were California, Arizona, Texas, Washington, and Florida. Their combined total production-for-consumption represented 43.0% of the U.S. total.

The production-for-consumption of total *aggregates* in the first quarter of 2007 decreased in 37 of the 48 States that were estimated, with the largest decreases occurring in Nebraska (49.2%), Ohio (45.4%), West Virginia (43.1%), Connecticut (41.1%), and Wisconsin (39.7%). The five leading States, in descending order of production, in the production-for-consumption of *aggregates* in the first quarter of 2007 were California, Texas, Florida, Georgia, and Arizona. Their combined total production-for-consumption represented 33.7% of the U.S. total.

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	2006						2007		
	Quantity					Value total <sup>2</sup>	Quantity 1st qtr.	Per- cent change <sup>3</sup>	Percent cover- age
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.	Total <sup>2</sup>				
<b>Northeast:</b>									
New England	3,570	11,600	13,800	11,000	40,000	366,000	2,530	-29.3	61
Middle Atlantic	26,500	52,600	59,200	47,200	186,000	1,480,000	20,800	-21.6	37
<b>Midwest:</b>									
East North Central	42,600	81,500	86,400	69,300	280,000	1,810,000	27,800	-34.9	48
West North Central	28,500	48,200	49,300	36,700	163,000	1,300,000	22,000	-22.8	35
<b>South:</b>									
South Atlantic	105,000	120,000	115,000	104,000	444,000	4,080,000	75,900	-27.4	79
East South Central	35,500	44,700	45,900	42,800	169,000	1,350,000	36,200	1.9	73
West South Central	53,100	56,200	56,300	48,300	214,000	1,450,000	38,200	-28.0	84
<b>West:</b>									
Mountain	10,200	17,200	19,800	15,200	62,300	419,000	11,600	14.4	27
Pacific <sup>4</sup>	20,700	24,600	26,100	23,800	95,200	786,000	20,000	-3.3	38
Total <sup>2</sup>	325,000	457,000	472,000	398,000	1,660,000 <sup>5</sup>	13,100,000 <sup>5</sup>	255,000	-21.6	60

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

<sup>4</sup>Does not include Alaska and Hawaii.

<sup>5</sup>Includes Alaska and Hawaii.

TABLE 2  
CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE<sup>1</sup>

(Thousand metric tons and thousand dollars)

State	2006					Value total <sup>2</sup>	2007	
	Quantity				Total <sup>2</sup>		Quantity 1st qtr.	Per- cent change <sup>3</sup>
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.				
Alabama	11,700	13,300	13,400	12,100	50,500	365,000	11,800	0.7
Alaska	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Arizona	2,310	2,430	2,340	2,410	9,490	60,000	1,510	-34.7
Arkansas	7,600	9,220	9,120	7,350	33,300	230,000	6,590	-13.3
California	12,400	13,500	15,400	14,100	55,400	510,000	12,100	-2.7
Colorado	2,950	4,030	4,360	2,480	13,800	104,000	2,640	-10.6
Connecticut	884	2,900	3,300	2,870	9,960	101,000	519	-41.3
Delaware	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Florida	31,300	30,800	27,900	26,900	117,000	1,110,000	23,000	-26.4
Georgia	20,400	23,400	22,500	20,000	86,200	724,000	18,900	-7.1
Hawaii	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	826	1,400	2,660	1,900	6,790	40,100	1,000	21.1
Illinois	10,600	22,700	22,700	18,400	74,500	586,000	7,550	-28.8
Indiana	9,500	16,900	18,700	16,100	61,300	364,000	7,700	-18.9
Iowa	4,920	10,900	11,900	8,390	36,100	289,000	3,460	-29.7
Kansas	4,300	5,600	4,880	4,040	18,800	149,000	2,810	-34.7
Kentucky	10,000	13,400	14,700	14,700	52,700	420,000	10,200	1.3
Louisiana	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Maine	267	1,290	1,650	2,100	5,300	40,000	269	0.8
Maryland	5,750	8,590	8,080	7,380	29,800	271,000	4,570	-20.6
Massachusetts	1,180	3,290	4,030	3,460	12,000	121,000	687	-41.9
Michigan	4,690	9,090	9,920	7,790	31,500	135,000	2,930	-37.4
Minnesota	310	2,830	3,380	1,910	8,430	77,000	491	58.5
Mississippi	705	823	954	776	3,260	42,600	903	28.1
Missouri	17,600	24,400	24,300	18,800	85,000	689,000	15,600	-11.1
Montana	919	657	893	834	3,300	17,300	888	-3.4
Nebraska	1,450	1,970	1,870	1,620	6,910	54,000	724	-50.2
Nevada	2,370	2,140	2,440	2,440	9,390	74,100	2,440	3.0
New Hampshire	573	1,690	1,960	810	5,030	44,400	491	-14.3
New Jersey	3,660	5,780	6,130	6,070	21,600	168,000	2,470	-32.6
New Mexico	315	438	501	735	1,990	14,600	236	-25.1
New York	5,840	15,900	19,900	14,600	56,200	522,000	4,400	-24.7
North Carolina	17,600	20,500	20,400	19,500	78,100	738,000	10,500	-40.6
North Dakota	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Ohio	12,000	21,900	23,700	18,500	76,100	487,000	6,360	-47.0
Oklahoma	11,100	12,000	12,000	9,530	44,600	278,000	8,250	-25.9
Oregon	4,600	7,290	7,420	7,510	26,800	177,000	5,040	9.7
Pennsylvania	18,100	31,300	32,400	26,000	108,000	791,000	15,200	-16.0
Rhode Island	134	539	625	508	1,810	15,400	218	62.7
South Carolina	8,280	9,520	9,100	7,840	34,700	291,000	5,470	-34.0
South Dakota	736	2,150	2,610	1,680	7,160	36,300	859	16.7
Tennessee	13,000	17,000	17,000	15,500	62,400	518,000	13,200	1.8
Texas	31,900	33,300	33,300	29,600	128,000	867,000	21,900	-31.3
Utah	1,640	3,010	2,980	2,660	10,300	63,200	3,250	98.4
Vermont	89	1,860	2,700	1,310	5,960	44,300	203	128.3
Virginia	18,400	24,200	22,800	18,500	84,000	834,000	12,200	-33.7
Washington	3,660	3,720	3,350	2,230	13,000	98,600	2,880	-21.3
West Virginia	2,890	3,580	3,810	3,150	13,400	101,000	1,640	-43.1
Wisconsin	6,240	10,400	11,800	8,070	36,500	234,000	3,620	-42.1
Wyoming	849	2,230	2,470	1,700	7,250	45,300	580	-31.7
Other	XX	XX	XX	XX	17,489	176,676	XX	XX
Total	XX	XX	XX	XX	1,660,000	13,100,000	XX	XX

XX Not applicable.

<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 divisions

<sup>3</sup>Compared with the same period of preceding year; all percentages are calculated using unrounded totals

<sup>4</sup>State not included in quarterly survey.

<sup>5</sup>Owing to a low number of reporting companies, no production estimates by quarters were generated

TABLE 3  
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	2006						2007		
	Quantity					Value total <sup>2</sup>	Quantity 1st qtr.	Per- cent change <sup>3</sup>	Percent cover- age
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.	Total <sup>2</sup>				
Northeast:									
New England	3,870	10,800	17,000	11,700	43,400	305,000	3,110	-19.7	9
Middle Atlantic	11,400	21,400	21,900	17,200	72,000	524,000	9,680	-15.2	12
Midwest:									
East North Central	27,600	62,000	68,200	47,500	205,000	1,080,000	17,800	-35.6	16
West North Central	9,510	33,900	39,200	25,100	108,000	508,000	7,080	-25.6	24
South:									
South Atlantic	24,200	25,500	23,500	19,600	92,800	601,000	19,000	-21.3	35
East South Central	9,830	13,600	13,600	9,450	46,400	278,000	8,170	-16.9	21
West South Central	30,600	31,000	29,700	26,100	117,000	749,000	23,300	-23.8	27
West:									
Mountain	59,800	80,100	78,300	65,600	284,000	1,700,000	49,800	-16.7	23
Pacific <sup>4</sup>	44,100	60,600	67,200	56,100	228,000	2,010,000	40,900	-7.1	42
Total <sup>2</sup>	221,000	339,000	359,000	278,000	1,210,000 <sup>5</sup>	7,820,000 <sup>5</sup>	179,000	-19.0	25

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

<sup>4</sup>Does not include Alaska and Hawaii.

<sup>5</sup>Includes Alaska and Hawaii.

TABLE 4  
SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE<sup>1</sup>

(Thousand metric tons and thousand dollars)

State	2006					2007		
	Quantity				Value total <sup>2</sup>	Quantity 1st qtr.	Per- cent change <sup>3</sup>	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.				Total <sup>2</sup>
Alabama	3,810	4,200	4,130	3,310	15,400	76,100	3,420	-10.2
Alaska	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Arizona	21,300	23,600	20,200	18,700	83,700	560,000	16,500	-22.7
Arkansas	1,960	2,170	2,300	1,660	8,090	52,100	1,280	-35.1
California	31,700	41,100	46,200	38,500	157,000	1,530,000	27,700	-12.6
Colorado	7,000	13,400	14,000	9,410	43,800	302,000	5,720	-18.2
Connecticut	503	1,180	1,920	1,340	4,940	41,500	302	-40.0
Delaware	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Florida	9,720	9,740	8,800	7,590	35,800	221,000	7,280	-25.1
Georgia	2,860	3,280	3,130	2,360	11,600	78,500	2,380	-16.8
Hawaii	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	3,850	8,410	10,600	8,990	31,900	158,000	5,170	34.3
Illinois	4,590	11,100	12,900	7,650	36,200	223,000	2,870	-37.4
Indiana	4,560	8,630	8,840	6,170	28,200	148,000	3,270	-28.4
Iowa	2,140	6,530	6,620	4,730	20,000	103,000	1,520	-29.0
Kansas	2,670	2,890	2,910	2,430	10,900	43,900	2,070	-22.5
Kentucky	1,610	2,790	2,840	2,400	9,640	55,700	936	-41.7
Louisiana	5,350	5,220	4,190	3,670	18,400	123,000	3,630	-32.2
Maine	77	2,520	6,100	3,060	11,700	66,700	98	27.1
Maryland	2,280	3,060	3,210	2,760	11,300	90,200	2,080	-9.0
Massachusetts	2,150	3,170	4,030	2,720	12,100	94,600	2,690	25.1
Michigan	4,670	16,900	21,500	12,500	55,500	229,000	3,290	-29.7
Minnesota	1,110	9,850	13,300	7,170	31,500	162,000	867	-22.0
Mississippi	2,970	3,690	3,850	2,970	13,500	87,900	2,180	-26.6
Missouri	2,400	3,320	3,340	1,970	11,000	61,400	1,860	-22.7
Montana	1,390	3,920	4,910	3,030	13,200	87,000	1,190	-14.5
Nebraska	1,250	3,360	4,480	3,650	12,700	59,100	1,110	-11.2
Nevada	9,530	15,600	11,000	8,490	44,600	216,000	4,490	-52.9
New Hampshire	503	1,370	1,940	622	4,440	27,600	287	-43.0
New Jersey	4,850	6,550	5,860	4,670	21,900	165,000	3,570	-26.4
New Mexico	4,590	4,430	4,420	3,630	17,100	132,000	3,050	-33.5
New York	4,720	8,990	9,380	7,570	30,700	219,000	4,030	-14.6
North Carolina	2,610	2,520	2,420	1,260	8,820	51,800	3,660	40.0
North Dakota	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Ohio	6,900	14,300	14,900	11,900	48,000	295,000	4,160	-39.7
Oklahoma	2,390	2,510	2,460	2,450	9,810	52,600	2,310	-3.3
Oregon	4,140	6,560	7,930	6,540	25,200	184,000	4,550	9.8
Pennsylvania	2,260	5,940	6,490	4,700	19,400	140,000	2,280	0.7
Rhode Island	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
South Carolina	2,940	3,180	2,650	2,500	11,300	50,400	2,380	-18.9
South Dakota	1,290	3,630	3,220	3,360	11,500	44,900	1,990	54.6
Tennessee	1,430	2,650	2,530	1,240	7,850	58,700	1,430	0.1
Texas	20,800	20,900	20,800	18,600	81,100	521,000	16,200	-22.0
Utah	6,210	10,100	10,900	8,880	36,000	175,000	6,650	7.0
Vermont	115	1,430	1,990	4,160	7,690	51,700	198	72.6
Virginia	2,910	3,010	2,950	2,280	11,100	87,400	2,060	-29.3
Washington	8,050	13,300	13,000	11,100	45,400	298,000	8,830	9.7
West Virginia	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Wisconsin	5,950	11,100	11,600	8,700	37,400	181,000	4,630	-22.2
Wyoming	1,640	3,600	4,810	3,380	13,400	66,300	1,320	-19.4
Other	XX	XX	XX	XX	25,428	144,730	XX	XX
Total	XX	XX	XX	XX	1,210,000	7,820,000	XX	XX

XX Not applicable.

<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 divisions

<sup>3</sup>Compared with the same period of preceding year; all percentages are calculated using unrounded totals

<sup>4</sup>State not included in quarterly survey.

<sup>5</sup>Owing to a low number of reporting companies, no production estimates by quarters were generated

TABLE 5  
AGGREGATES SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION<sup>1</sup>

(Thousand metric tons and thousand dollars)

Region/Division	2006						2007		
	Quantity					Value total <sup>2</sup>	Quantity 1st qtr.	Per- cent change <sup>3</sup>	Percent cover- age
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.	Total <sup>2</sup>				
<b>Northeast:</b>									
New England	7,440	23,700	29,400	23,000	83,400	670,520	5,360	-27.9	34
Middle Atlantic	37,200	73,400	81,800	65,100	258,000	2,003,883	29,500	-20.8	30
<b>Midwest:</b>									
East North Central	72,200	142,000	152,000	119,000	485,000	2,882,752	46,900	-35.0	34
West North Central	40,100	81,600	87,000	61,600	270,000	1,803,481	30,800	-23.3	30
<b>South:</b>									
South Atlantic	128,000	146,000	139,000	125,000	537,000	4,682,275	93,300	-26.9	72
East South Central	45,300	57,400	58,800	53,800	215,000	1,623,817	45,500	0.5	62
West South Central	82,800	87,200	86,700	74,700	331,000	2,194,855	60,200	-27.3	64
<b>West:</b>									
Mountain	69,600	97,300	98,400	80,900	346,000	2,115,330	61,500	-11.6	24
Pacific <sup>4</sup>	64,600	85,200	93,500	79,900	323,000	2,798,732	60,700	-6.0	41
Total <sup>2</sup>	547,000	794,000	827,000	682,000	2,870,000 <sup>5</sup>	20,939,146 <sup>5</sup>	434,000	-20.7	45

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

<sup>4</sup>Does not include Alaska and Hawaii.

<sup>5</sup>Includes Alaska and Hawaii.

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

(Thousand metric tons and thousand dollars)

State	2006					2007		
	Quantity				Value	Quantity	Per- cent change <sup>3</sup>	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.	Total <sup>2</sup>			1st qtr.
Alabama	15,300	17,400	17,500	15,800	66,000	441,000	15,300	0.1
Alaska	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Arizona	23,700	26,100	22,500	20,900	93,200	620,000	18,200	-23.2
Arkansas	9,540	11,400	11,400	9,030	41,400	282,000	7,920	-17.0
California	44,000	54,700	61,700	52,500	213,000	2,040,000	39,500	-10.2
Colorado	10,300	17,300	18,300	11,700	57,600	406,000	8,760	-15.0
Connecticut	1,350	4,240	5,050	4,260	14,900	142,000	794	-41.1
Delaware	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Florida	41,000	40,500	36,600	34,600	153,000	1,340,000	30,200	-26.2
Georgia	23,100	26,700	25,500	22,500	97,900	802,000	21,400	-7.5
Hawaii	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	4,680	9,550	13,500	10,900	38,700	199,000	6,100	30.4
Illinois	15,500	33,800	34,600	26,800	111,000	810,000	10,900	-29.9
Indiana	14,000	25,100	27,400	22,900	89,500	512,000	11,100	-20.5
Iowa	6,980	17,500	18,500	13,100	56,100	392,000	4,920	-29.5
Kansas	6,830	8,760	7,730	6,400	29,700	193,000	4,530	-33.7
Kentucky	11,800	15,800	17,400	17,300	62,300	475,000	11,900	0.6
Louisiana	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Maine	722	4,060	5,940	6,320	17,000	107,000	733	1.5
Maryland	8,020	11,700	11,300	10,200	41,100	362,000	6,590	-17.8
Massachusetts	2,500	6,580	8,100	6,850	24,000	215,000	1,630	-34.6
Michigan	10,400	25,700	30,200	20,700	87,000	364,000	6,780	-35.0
Minnesota	1,430	12,800	16,600	9,080	39,900	239,000	1,470	3.1
Mississippi	3,670	4,450	4,820	3,800	16,700	131,000	3,390	-7.4
Missouri	20,000	27,600	27,600	20,900	96,100	751,000	17,500	-12.1
Montana	1,980	4,760	6,000	3,820	16,600	104,000	1,730	-12.3
Nebraska	4,010	5,580	5,390	4,660	19,600	113,000	2,040	-49.2
Nevada	12,300	16,400	13,600	11,700	54,000	290,000	8,680	-29.6
New Hampshire	1,080	3,130	3,780	1,490	9,470	71,900	863	-20.0
New Jersey	7,670	11,800	12,200	11,800	43,600	333,000	5,250	-31.5
New Mexico	5,010	4,900	4,930	4,220	19,100	146,000	3,340	-33.3
New York	9,690	24,700	30,100	22,300	86,800	741,000	7,510	-22.5
North Carolina	19,700	22,900	22,800	21,600	86,900	790,000	11,900	-39.4
North Dakota	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Ohio	19,200	36,000	38,700	30,300	124,000	782,000	10,500	-45.4
Oklahoma	13,500	14,500	14,600	11,800	54,400	331,000	10,300	-23.9
Oregon	8,730	13,800	15,400	14,000	52,000	361,000	9,580	9.7
Pennsylvania	21,000	37,000	38,500	30,700	127,000	930,000	17,800	-15.3
Rhode Island	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
South Carolina	11,100	12,600	12,000	10,400	46,000	341,000	7,450	-32.6
South Dakota	1,960	5,660	6,410	4,630	18,700	81,100	2,480	26.4
Tennessee	14,500	19,300	19,300	17,100	70,200	577,000	14,800	1.8
Texas	52,300	54,300	54,300	48,300	209,000	1,390,000	36,600	-30.0
Utah	7,790	13,100	13,800	11,600	46,300	238,000	10,500	34.3
Vermont	204	3,560	5,110	4,770	13,600	95,900	419	105.6
Virginia	21,100	27,300	25,800	20,900	95,100	921,000	14,100	-33.3
Washington	12,000	17,000	16,200	13,100	58,300	397,000	11,800	-1.8
West Virginia	2,950	3,660	3,910	3,220	13,700	103,000	1,680	-43.1
Wisconsin	12,500	21,200	23,700	16,400	73,900	416,000	7,550	-39.7
Wyoming	2,440	6,200	7,120	4,920	20,700	112,000	1,730	-29.2
Other	XX	XX	XX	XX	44,260	294,900	XX	XX
Total	XX	XX	XX	XX	2,870,000	20,900,000	XX	XX

XX Not applicable.

<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 divisions

<sup>3</sup>Compared with the same period of preceding year; all percentages are calculated using unrounded totals

<sup>4</sup>State not included in quarterly survey.

<sup>5</sup>Owing to a low number of reporting companies, no production estimates by quarters were generated