

Mineral Industry Surveys

For information, contact:

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

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

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

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

CRUSHED STONE AND SAND AND GRAVEL IN THE FIRST QUARTER 2009

An estimated 205 million metric tons (Mt) of *crushed stone* was produced and shipped for consumption in the United States in the first quarter of 2009, a decrease of 25% compared with that of the same period of 2008. The estimated annual output of *crushed stone* produced for consumption in 2008 was 1.35 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 first quarter of 2009 was 138 Mt, a decrease of 30% compared with that of the same period of 2008. The estimated annual output of *construction sand and gravel* produced for consumption in 2008 was 1.01 Gt, an 18% decrease compared with that of 2007.

An estimated 343 Mt of total *aggregates* was produced and shipped for consumption in the United States in the first quarter of 2009, a decrease of 27% compared with that of the same period of 2008. The estimated annual output of *aggregates* produced for consumption in 2008 was 2.36 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 28% in the first quarter of 2009 compared with that of the first 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 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 first quarter of 2009 decreased in all of the nine geographic divisions compared with that sold or used in the first quarter of 2008. The largest decreases were recorded in the South Atlantic (32%) and the New England (31%) divisions. Production-for-consumption of crushed stone decreased in 43 of the 47 States that were estimated. The five leading States, in descending order of production-for-consumption, were Texas, Missouri, Florida, Pennsylvania, and Georgia. Their combined total production-for-consumption was 72.2 Mt and represented 35% of the U.S. total.

The estimated production-for-consumption of *construction sand and gravel* in the first quarter of 2009 decreased from first quarter 2008 levels in all of the nine geographic divisions. The largest decreases in percentages were recorded in the East South Central (39%) and the Mountain (34%) divisions. Production-for-consumption of construction sand and gravel decreased in 44 of the 46 States that were estimated. The five leading States, in descending order of production-for-consumption, were Texas, California, Arizona, Louisiana, and Colorado. Their combined total production-for-consumption was 55.3 Mt and represented 40% of the U.S. total.

The estimated production-for-consumption of *aggregates* in the first quarter of 2009 decreased in all of the geographic divisions compared with that sold or used in the first quarter of 2008. The largest decreases in percentages were recorded in the South Atlantic (33%) and the Mountain (30%) divisions. Production-for-consumption of aggregates decreased in 45 of the 48 States that were estimated. The five leading States, in descending order of production-for-consumption, were Texas, California, Florida, Arizona, and Missouri. Their combined total production-for-consumption was 114 Mt and represented 33% of the U.S. total.

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

(Thousand metric tons and thousand dollars)

Region/Division	2008					Value total ²	2009	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.	Total ²		Quantity 1st qtr.	Percent change ³
Northeast:								
New England	2,390	10,300	12,900	8,220	33,800	355,000	1,650	-31.1
Middle Atlantic	22,300	47,400	49,800	33,200	153,000	1,400,000	16,000	-28.3
Midwest:								
East North Central	24,000	60,500	72,300	51,500	208,000	1,470,000	18,900	-21.4
West North Central	26,700	44,200	49,600	38,500	159,000	1,370,000	19,800	-25.8
South:								
South Atlantic	68,300	79,600	76,500	60,600	285,000	3,310,000	46,200	-32.4
East South Central	29,600	39,500	38,500	31,000	139,000	1,210,000	23,800	-19.6
West South Central	59,600	62,600	58,900	48,100	229,000	1,700,000	46,800	-21.4
West:								
Mountain	12,600	16,300	17,200	13,200	59,500	454,000	10,800	-14.3
Pacific ⁴	18,000	22,800	23,100	19,900	83,700	812,000	16,100	-10.6
Total ²	274,000	383,000	392,000	301,000	1,350,000 ⁵	12,100,000 ⁵	205,000	-25.3

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

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

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

⁴Does not include Alaska and Hawaii.

⁵Includes Alaska and Hawaii.

TABLE 2
CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE¹

(Thousand metric tons and thousand dollars)

State	2008					Value total ²	2009	
	Quantity				Total ²		Quantity 1st qtr.	Percent change ³
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.				
Alabama	11,600	12,800	11,300	9,150	44,900	361,000	8,700	-25.0
Alaska	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Arizona	3,340	3,390	2,880	3,090	12,700	123,000	3,620	8.4
Arkansas	7,060	8,600	8,680	7,380	31,700	239,000	7,140	1.1
California	9,620	12,000	12,000	11,400	45,000	494,000	8,830	-8.2
Colorado	2,300	3,370	3,290	2,120	11,100	80,900	1,900	-17.4
Connecticut	601	2,560	3,110	2,010	8,290	85,300	300	-50.1
Delaware	W	W	W	W	W	W	W	W
Florida	17,300	16,400	14,200	13,800	61,700	760,000	11,000	-36.4
Georgia	15,100	14,900	15,100	11,500	56,600	609,000	9,980	-33.9
Hawaii	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	573	1,060	1,590	1,060	4,280	27,400	403	-29.7
Illinois	6,100	17,300	19,700	15,400	58,500	488,000	5,130	-15.9
Indiana	6,830	15,100	16,800	12,100	50,800	358,000	5,300	-22.4
Iowa	3,940	12,100	13,400	7,840	37,300	326,000	3,310	-16.0
Kansas	6,060	6,140	6,570	5,720	24,500	227,000	2,580	-57.4
Kentucky	7,430	13,700	13,800	11,800	46,700	378,000	7,190	-3.2
Louisiana	W	W	W	W	W	W	W	W
Maine	267	1,430	1,750	886	4,340	36,800	151	-43.4
Maryland	4,510	6,360	7,350	5,400	23,600	226,000	3,430	-23.9
Massachusetts	846	3,230	3,630	2,460	10,200	121,000	727	-14.1
Michigan	2,360	6,810	8,470	4,280	21,900	107,000	1,010	-57.2
Minnesota	427	2,790	3,530	1,670	8,410	94,700	345	-19.2
Mississippi	802	432	990	770	2,990	59,500	675	-15.8
Missouri	14,100	19,100	22,000	20,400	75,600	597,000	12,000	-14.9
Montana	346	408	528	403	1,690	9,630	121	-65.0
Nebraska	1,580	2,240	2,170	1,790	7,780	80,900	1,040	-34.2
Nevada	2,170	2,110	2,040	1,420	7,870	72,000	1,520	-30.0
New Hampshire	332	1,030	1,520	1,020	3,910	54,000	257	-22.6
New Jersey	2,800	4,990	4,750	3,750	16,300	139,000	1,690	-39.6
New Mexico	811	1,110	1,470	961	4,350	34,500	633	-21.9
New York	4,510	13,100	14,600	9,570	41,800	401,000	3,480	-22.8
North Carolina	11,900	16,000	14,800	10,600	53,300	715,000	7,090	-40.4
North Dakota	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Ohio	5,850	15,600	20,100	15,300	56,900	393,000	5,110	-12.6
Oklahoma	12,000	12,700	13,600	11,100	49,400	334,000	9,620	-19.8
Oregon	4,460	6,620	7,930	5,110	24,100	174,000	2,980	-33.2
Pennsylvania	15,000	29,300	30,400	19,900	94,700	861,000	10,800	-28.0
Rhode Island	123	558	667	602	1,950	18,900	107	-13.0
South Carolina	5,100	5,680	4,880	4,200	19,900	204,000	3,540	-30.6
South Dakota	630	1,800	1,960	1,100	5,490	48,000	520	-17.5
Tennessee	9,700	12,500	12,400	9,340	44,000	408,000	7,210	-25.7
Texas	38,800	39,200	34,600	27,700	140,200	988,000	28,400	-26.8
Utah	1,610	1,830	1,610	1,590	6,640	51,300	677	-58.0
Vermont	224	1,520	2,210	1,240	5,200	38,600	106	-52.7
Virginia	11,100	15,000	15,100	11,600	52,800	617,000	8,600	-22.5
Washington	3,900	4,150	3,170	3,360	14,600	144,000	4,250	9.0
West Virginia	3,260	5,080	4,860	3,400	16,600	172,000	2,450	-24.8
Wisconsin	2,840	5,660	7,320	4,500	20,300	125,000	2,450	-24.8
Wyoming	1,480	3,030	3,730	2,600	10,800	55,400	1,960	32.4

W Withheld to avoid disclosing company proprietary data.

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

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

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

⁴State not included in quarterly survey.

TABLE 3
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	2009	
	Quantity						Quantity 1st qtr.	Percent change ³
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.	Total ²			
Northeast:								
New England	3,100	12,600	18,300	11,500	45,100	366,000	2,420	-22.0
Middle Atlantic	9,480	19,000	20,500	13,700	62,700	551,000	7,290	-23.0
Midwest:								
East North Central	17,800	53,400	61,300	36,900	169,000	910,000	12,400	-30.4
West North Central	12,500	32,800	41,600	22,800	110,000	545,000	8,420	-32.8
South:								
South Atlantic	17,200	18,900	19,100	15,000	70,200	549,000	11,400	-34.1
East South Central	7,700	10,500	10,900	7,420	36,500	234,000	4,720	-38.7
West South Central	35,300	36,800	31,800	26,400	130,000	956,000	28,100	-20.3
West:								
Mountain	46,100	72,100	69,600	50,900	241,000	1,720,000	30,700	-33.5
Pacific ⁴	30,600	40,200	42,000	34,300	147,000	1,480,000	21,600	-29.4
Total ²	196,000	291,000	302,000	222,000	1,010,000 ⁵	7,310,000 ⁵	138,000	-29.7

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

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

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

⁴Does not include Alaska and Hawaii.

⁵Includes Alaska and Hawaii.

TABLE 4
SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE¹

(Thousand metric tons and thousand dollars)

State	2008					Value total ²	2009	
	Quantity						Quantity 1st qtr.	Percent change ³
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.	Total ²			
Alabama	3,660	4,320	3,350	2,620	13,900	83,700	1,710	-53.3
Alaska	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Arizona	16,400	21,900	18,500	14,800	71,600	566,000	11,100	-32.3
Arkansas	2,100	2,480	2,440	2,140	9,150	69,900	1,840	-12.4
California	20,300	27,600	30,100	23,200	101,000	1,130,000	15,400	-24.1
Colorado	7,270	13,500	14,000	8,850	43,600	358,000	5,630	-22.6
Connecticut	506	1,990	2,360	1,670	6,520	59,800	254	-49.8
Delaware	540	770	746	565	2,620	20,200	286	-47.0
Florida	6,550	6,460	5,730	4,820	23,600	187,000	4,040	-38.3
Georgia	1,780	1,920	1,880	1,440	7,010	45,700	1,280	-28.1
Hawaii	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	1,960	5,420	6,480	4,960	18,800	102,000	1,580	-19.4
Illinois	2,670	7,930	9,070	6,230	25,900	149,000	1,700	-36.5
Indiana	3,160	7,110	7,440	4,980	22,700	128,000	2,600	-17.7
Iowa	1,350	4,370	5,620	3,290	14,600	83,600	920	-31.9
Kansas	2,060	3,040	2,800	2,520	10,400	50,300	1,290	-37.4
Kentucky	973	2,440	2,280	1,410	7,100	39,300	587	-39.7
Louisiana	5,850	5,890	3,410	2,980	18,100	172,000	5,980	2.2
Maine	473	4,410	6,940	2,960	14,800	117,000	287	-39.3
Maryland	2,190	2,470	2,600	2,130	9,390	95,600	1,430	-34.8
Massachusetts	1,140	2,970	4,190	3,820	11,800	109,000	1,290	13.1
Michigan	4,580	17,700	18,000	8,610	48,900	207,000	2,430	-47.0
Minnesota	2,970	10,200	14,100	5,940	33,200	178,000	1,970	-33.6
Mississippi	2,090	2,290	3,600	2,270	10,300	72,500	1,520	-27.3
Missouri	1,850	3,040	3,610	3,020	11,500	65,900	1,650	-10.7
Montana	1,280	4,190	5,120	2,610	13,200	116,000	703	-45.1
Nebraska	1,880	3,660	4,080	2,450	12,100	66,500	1,310	-30.3
Nevada	6,700	7,040	6,910	4,980	28,400	153,000	4,120	-38.5
New Hampshire	660	2,000	2,920	1,730	7,240	46,200	388	-41.3
New Jersey	2,980	4,400	4,660	3,240	15,300	148,000	1,960	-34.2
New Mexico	2,840	4,130	4,330	3,180	14,500	129,000	2,270	-20.1
New York	4,360	10,020	10,910	7,280	32,600	283,000	3,610	-17.2
North Carolina	1,900	2,550	2,640	1,870	8,960	51,200	1,420	-25.3
North Dakota	439	4,880	6,700	2,980	15,000	51,300	341	-22.3
Ohio	3,300	9,670	12,480	8,610	34,100	235,000	2,830	-14.2
Oklahoma	3,550	3,880	3,930	3,510	14,900	89,500	3,160	-11.0
Oregon	2,550	3,810	4,900	3,010	14,300	115,000	2,020	-20.8
Pennsylvania	2,150	4,590	4,900	3,190	14,800	121,000	1,720	-20.0
Rhode Island	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
South Carolina	1,950	2,220	1,910	1,480	7,570	42,100	1,080	-44.3
South Dakota	1,990	3,590	4,620	2,610	12,800	48,300	929	-53.3
Tennessee	978	1,420	1,630	1,120	5,150	38,600	899	-8.1
Texas	23,800	24,500	22,000	17,800	88,200	626,000	17,200	-27.7
Utah	5,170	10,100	8,920	6,040	30,200	182,000	2,630	-49.1
Vermont	319	1,270	1,890	1,290	4,770	33,200	198	-37.9
Virginia	2,320	2,520	3,590	2,640	11,100	108,000	1,810	-22.0
Washington	7,750	8,760	7,030	8,120	31,700	234,000	4,200	-45.8
West Virginia	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Wisconsin	4,120	11,000	14,200	8,460	37,800	191,000	2,860	-30.6
Wyoming	4,540	5,890	5,370	5,440	21,200	110,000	2,590	-43.0

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

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

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

⁴State not included in quarterly survey.

TABLE 5
AGGREGATES SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION¹

(Thousand metric tons and thousand dollars)

Region/Division	2008					Value total ²	2009	
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.	Total ²		Quantity 1st qtr.	Percent change ³
Northeast:								
New England	5,500	23,000	31,200	19,700	78,900	719,000	4,070	-26.0
Middle Atlantic	31,800	66,400	70,300	47,000	215,000	1,950,000	23,300	-26.7
Midwest:								
East North Central	41,800	114,000	134,000	88,400	378,000	2,380,000	31,300	-25.2
West North Central	39,300	77,000	91,200	61,300	269,000	1,930,000	28,500	-27.4
South:								
South Atlantic	85,500	98,600	95,600	75,500	355,000	3,850,000	57,500	-32.7
East South Central	37,300	49,900	49,400	38,500	175,000	1,450,000	28,500	-23.6
West South Central	94,900	99,300	90,700	74,500	359,000	2,590,000	74,900	-21.0
West:								
Mountain	59,200	88,000	86,700	64,200	301,000	2,170,000	41,600	-29.8
Pacific ⁴	48,600	63,000	65,000	54,200	231,000	2,290,000	37,700	-22.4
Total ²	470,000	674,000	694,000	523,000	2,360,000 ⁵	19,300,000 ⁵	343,000	-27.1

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

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

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

⁴Does not include Alaska and Hawaii.

⁵Includes Alaska and Hawaii.

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

(Thousand metric tons and thousand dollars)

State	2008					Value total ²	2009	
	Quantity				Total ²		Quantity 1st qtr.	Percent change ³
	1st qtr.	2nd qtr.	3rd qtr.	4th qtr.				
Alabama	15,300	17,200	14,600	11,800	58,900	446,000	10,400	-32.0
Alaska	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Arizona	19,700	25,300	21,400	17,900	84,300	688,000	14,800	-24.9
Arkansas	9,160	11,100	11,100	9,520	40,900	308,000	8,980	-2.0
California	29,900	39,600	42,000	34,600	146,000	1,620,000	24,200	-19.1
Colorado	9,570	16,900	17,300	11,000	54,700	439,000	7,530	-21.3
Connecticut	1,110	4,540	5,470	3,690	14,800	145,000	560	-49.5
Delaware	540	770	746	565	2,620	20,200	286	-47.0
Florida	23,800	22,900	20,000	18,600	85,300	941,000	15,100	-36.6
Georgia	16,900	16,800	17,000	13,000	63,600	655,000	11,300	-33.1
Hawaii	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Idaho	2,530	6,480	8,070	6,010	23,100	130,000	1,990	-21.3
Illinois	8,770	25,200	28,800	21,600	84,400	635,000	6,820	-22.2
Indiana	9,990	22,200	24,200	17,000	73,500	487,000	7,900	-20.9
Iowa	5,290	16,500	19,000	11,100	51,900	413,000	4,230	-20.0
Kansas	8,120	9,180	9,370	8,240	34,900	282,000	3,870	-52.3
Kentucky	8,400	16,100	16,100	13,200	53,800	419,000	7,770	-7.5
Louisiana	5,850	5,890	3,410	2,980	18,100	172,000	5,980	2.2
Maine	740	5,840	8,700	3,840	19,100	153,000	439	-40.7
Maryland	6,700	8,830	9,950	7,530	33,000	321,000	4,860	-27.5
Massachusetts	1,990	6,200	7,820	6,270	21,900	231,000	2,020	1.5
Michigan	6,950	24,500	26,500	12,900	70,800	313,000	3,430	-50.6
Minnesota	3,400	13,000	17,700	7,610	41,700	276,000	2,320	-31.8
Mississippi	2,900	2,730	4,590	3,040	13,300	135,000	2,200	-24.1
Missouri	15,900	22,100	25,600	23,400	87,200	666,000	14,000	-11.9
Montana	1,620	4,600	5,650	3,010	14,900	125,000	824	-49.1
Nebraska	3,450	5,900	6,250	4,240	19,800	149,000	2,350	-31.9
Nevada	8,880	9,150	8,950	6,400	36,200	221,000	5,640	-36.5
New Hampshire	992	3,040	4,440	2,750	11,200	98,800	645	-35.0
New Jersey	5,770	9,390	9,410	6,990	31,600	287,000	3,660	-36.6
New Mexico	3,650	5,230	5,800	4,150	18,800	163,000	2,910	-20.3
New York	8,860	23,100	25,500	16,800	74,400	683,000	7,090	-20.0
North Carolina	13,800	18,600	17,500	12,500	62,300	765,000	8,520	-38.3
North Dakota	439	4,880	6,700	2,980	15,000	51,300	341	-22.3
Ohio	9,150	25,300	32,600	23,900	90,900	628,000	7,940	-13.2
Oklahoma	15,500	16,600	17,500	14,600	64,200	424,000	12,800	-17.4
Oregon	7,000	10,400	12,800	8,120	38,400	288,000	5,000	-28.6
Pennsylvania	17,100	33,900	35,300	23,100	110,000	981,000	12,500	-26.9
Rhode Island	100	600	700	600	1,900	18,900	100	0.0
South Carolina	7,050	7,900	6,790	5,680	27,400	245,000	4,620	-34.5
South Dakota	2,620	5,390	6,580	3,700	18,300	98,400	1,450	-44.7
Tennessee	10,700	13,900	14,100	10,500	49,100	446,000	8,120	-24.0
Texas	62,600	63,800	56,600	45,500	228,000	1,610,000	45,600	-27.2
Utah	7,270	11,500	10,400	7,680	36,900	233,000	3,370	-53.6
Vermont	543	2,790	4,100	2,530	10,000	71,800	304	-44.0
Virginia	13,400	17,500	18,700	14,200	63,800	724,000	10,400	-22.4
Washington	3,260	5,080	4,860	3,400	46,200	379,000	2,450	-24.8
West Virginia	3,130	5,130	4,950	3,390	16,600	171,000	2,630	-16.0
Wisconsin	6,960	16,600	21,600	13,000	58,100	314,000	5,180	-25.6
Wyoming	6,030	8,920	9,110	8,040	32,100	167,000	4,550	-24.5

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 divisions.

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

⁴State not included in quarterly survey.