



# Mineral Industry Surveys

---

**For information, contact:**

Joyce A. Ober, Acting Chief, Mineral Commodities Section  
National Minerals Information Center  
U.S. Geological Survey  
989 National Center  
Reston, VA 20192  
Telephone: (703) 648-7717  
E-mail: [jober@usgs.gov](mailto:jober@usgs.gov)

Joseph M. Krisanda (Data)  
Telephone: (703) 648-7946  
Fax: (703) 648-7975  
E-mail: [jkrisand@usgs.gov](mailto:jkrisand@usgs.gov)

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

## U.S. PRODUCTION OF SELECTED MINERAL COMMODITIES IN THE SECOND QUARTER 2013

U.S. mine and plant production data for selected mineral commodities are provided monthly (or quarterly) by the U.S. Geological Survey (USGS) to the Board of Governors, Federal Reserve System (FRS), for use in preparing its index of industrial production and the related capacity indexes and capacity utilization rates. These measures cover manufacturing, mining, and electric and gas utilities, and they are among the key economic indicators monitored by the FRS for guidance in determining national monetary policy. The data in this report include current and prior months' data provided to the FRS, some of which may have been revised.

Domestic production levels for construction materials (cement, construction sand and gravel, crushed stone, and gypsum) in the second quarter of 2013 increased substantially compared with levels in the first quarter of 2013 (table 1) owing to seasonal fluctuations that are influenced by weather conditions. The increases were typical of those seen during the second quarter of most years. When comparing second quarter production of 2013 to that of 2012, production for these mineral commodities averaged slightly higher.

TABLE 1  
PRODUCTION TRENDS FOR SELECTED MINERAL COMMODITIES

Mineral commodity	Percentage change, 2d quarter 2013 vs. 1st quarter 2013 <sup>1</sup>	Percentage change, YTD 2013 vs. YTD 2012 <sup>1</sup>
Aluminum (secondary)	3	-6
Cement	42	(2)
Copper	-1	9
Gold	3	-3
Gypsum	18	5
Iron ore	-6	-4
Lead	9	-2
Molybdenum	-6	4
Phosphate rock	10	15
Sand and gravel, construction	68	(2)
Silver	5	4
Soda ash	2	5
Stone, crushed	52	-2
Zinc	9	4

<sup>1</sup>Percentage change based on unrounded data.

<sup>2</sup>Less than 0.5%.

TABLE 2  
U.S. PRODUCTION OF SELECTED MINERAL COMMODITIES, BY QUARTER<sup>1,2</sup>

Mineral commodity		2012				1st quarter- 4th quarter	2013		1st quarter- 2d quarter	
		1st quarter	2d quarter	3d quarter	4th quarter		1st quarter	2d quarter	2012	2013
Aluminum <sup>3</sup>	thousand metric tons	210	213	197	194 <sup>r</sup>	814	196	202 <sup>e</sup>	422	398 <sup>e</sup>
Cement <sup>4</sup>	million metric tons	14.2	20.0 <sup>r</sup>	20.5 <sup>r</sup>	17.8 <sup>r</sup>	72.6 <sup>r</sup>	14.1 <sup>r</sup>	20.1 <sup>e</sup>	34.2	34.3 <sup>e</sup>
Copper <sup>5</sup>	thousand metric tons	277	277	290	323	1,170	303 <sup>r</sup>	300	554	602
Gold <sup>5</sup>	metric tons	57.0 <sup>r</sup>	57.2 <sup>r</sup>	59.0 <sup>r</sup>	61.5 <sup>r</sup>	235 <sup>r</sup>	54.3 <sup>r</sup>	56.2	114.2	110
Gypsum <sup>6</sup>	million metric tons	3.0	3.1	3.4	3.3	12.8	2.9	3.4	6.1	6.3
Iron ore <sup>7</sup>	do.	12.7	12.6	12.9	14.0	52.2	12.5	11.7 <sup>e</sup>	25.3	24.2 <sup>e</sup>
Lead <sup>5</sup>	thousand metric tons	83.6	83.0	84.7	84.6	336	78.4 <sup>r</sup>	85.2	167	164
Molybdenum <sup>5</sup>	do.	15.0	13.9	13.8 <sup>r</sup>	13.7	60.1 <sup>r,p,8</sup>	15.5 <sup>r</sup>	14.6 <sup>e</sup>	28.9	30.1 <sup>e</sup>
Phosphate rock <sup>9</sup>	million metric tons	6.5	7.9	8.3	7.4	30.1	7.9 <sup>r</sup>	8.6	14.4	16.5
Sand and gravel, construction <sup>10</sup>	do.	142	236	254	206	839	141	236 <sup>e</sup>	378	377 <sup>e</sup>
Silver <sup>5</sup>	metric tons	254 <sup>r</sup>	260 <sup>r</sup>	261 <sup>r</sup>	281 <sup>r</sup>	1,060 <sup>r</sup>	260 <sup>r</sup>	274	514	533
Soda ash <sup>7</sup>	million metric tons	2.7	2.6	2.8	2.9	11.1	2.8	2.8	5.4	5.6
Stone, crushed <sup>10</sup>	do.	220	320	338	281	1,060	211	320 <sup>e</sup>	540	531 <sup>e</sup>
Zinc <sup>5</sup>	thousand metric tons	174	175	176	188 <sup>r</sup>	713	174 <sup>r</sup>	190	349	364

<sup>e</sup>Estimated. <sup>p</sup>Preliminary. <sup>r</sup>Revised. do. Ditto.

<sup>1</sup>Based on data available as of August 15, 2013.

<sup>2</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>3</sup>Aluminum alloys produced at secondary smelters in the United States, less primary aluminum consumed, primary silicon consumed, and other alloying ingredients consumed.

<sup>4</sup>Data are shipments of domestically produced portland and blended cement, including cement made from imported clinker, as a proxy for actual domestic cement production.

<sup>5</sup>Recoverable mine production.

<sup>6</sup>Calcined production.

<sup>7</sup>Mine production.

<sup>8</sup>Total does not equal sum of year's quarterly data owing to adjustments to annual data that are not broken out by quarter.

<sup>9</sup>Marketable mine production.

<sup>10</sup>Sold or used; quarterly survey based on sample survey.