

Mineral Industry Surveys

For information, contact:

Robert D. Crangle, Jr., Gypsum Commodity Specialist
U.S. Geological Survey
989 National Center
Reston, VA 20192
Telephone: (703) 648-6410, Fax: (703) 648-7757
E-mail: rcrangle@usgs.gov

Paula R. Neely (Data)
Telephone: (703) 648-7949
Fax: (703) 648-7975
E-mail: pneely@usgs.gov

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

GYPSUM IN JUNE 2010

Producers mined 775,000 metric tons (t) of gypsum in June 2010 (table 1). This amount was slightly more than that of May 2010 and 7% less than that for June 2009. Synthetic gypsum production was 593,000 t in June 2010 (table 1), which was 4% less than that of May 2010 and 5% more than that of June 2009. Both mined and synthetic gypsum are used as raw material for wallboard. The wallboard industry is the leading domestic consumer of gypsum. During June 2010, synthetic gypsum accounted for about 36% of the 1.66-million-metric-ton (Mt) total supply of gypsum in the United States. Sales of uncalcined gypsum in June 2010, mainly for portland cement manufacture and for agricultural uses, were 293,000 t (table 2), which was 16% more than those of May 2010 and 28% less than those of June 2009.

Output of calcined gypsum for June 2010 (table 1) was 1.03 Mt, which was 4% less than that of May 2010 and 10% less than that of June 2009. Sales of board products (table 2) were 1.15 Mt, equivalent to approximately 128 million square meters (1.38 billion square feet), which was 4% less than those of May 2010 and 12% less than those of June 2009.

According to the U.S. Census Bureau, imports of crude gypsum in June 2010 were 291,000 t (table 3), a decrease of

10% from those of May 2010 and 20% less than those of June 2009. The United States imported crude gypsum from four countries in June 2010. Of these imports, Canada accounted for 63%, followed by Mexico with 36%. Imports from the United Kingdom and France were negligible.

Gypsum wallboard imports for June 2010 were 21,000 t, equivalent to 2.3 million square meters (25 million square feet). These imports were down 14% from those of May 2010 and 22% more than those of June 2009. The United States imported wallboard products from four countries in June 2010. Mexico accounted for 65% of these imports, followed by Canada with 34%. Imports from China and Colombia were negligible.

Wallboard exports to 26 countries and territories in June 2010 were 65,600 t, equivalent to 7.3 million square meters (78 million square feet). This amount was 11% less than that of May 2010 and 47% more than that of June 2009. Most wallboard exports were shipped to 22 western hemisphere countries, with Canada accounting for 97%.

All percentages in this report were computed based on unrounded data.

TABLE 1
GYPSUM SUPPLY^{1,2}

(Metric tons)

	2009		2010	
	January-June	May	June	January-June ³
Crude:				
Mined ⁴	4,780,000	766,000	775,000	4,440,000
Imported ⁵	2,200,000	324,000	291,000	1,730,000
Synthetic gypsum ⁶	3,590,000 ^r	619,000	593,000	3,800,000
Total supply	10,600,000 ^r	1,710,000	1,660,000	9,970,000
Crude, exported ⁵	56,800	27,900	30,100	126,000
Consumption	10,500,000	1,680,000	1,630,000	9,810,000
Calcined:				
Produced	6,950,000	1,070,000	1,030,000	6,430,000
Imported ⁷	8,120	879	2,040	7,130
Total supply	6,960,000	1,070,000	1,030,000	6,440,000
Exported ⁷	61,800	36,900	14,300	102,000
Consumption	6,900,000	1,040,000	1,020,000	6,340,000

^rRevised.

¹Includes data from the Gypsum Association.

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

³May include revisions from previous month(s) data.

⁴Some data were estimated from semiannual reports.

⁵Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

⁶Reported production only.

⁷Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE^{1,2}

(Metric tons, unless otherwise specified)

	2009		2010	
	January-June	May	June	January-June ³
Uncalcined: ⁴				
Portland cement	747,000	134,000	148,000	706,000
Agriculture and miscellaneous	781,000 ^r	119,000	145,000	727,000
Total	1,530,000 ^r	253,000	293,000	1,430,000
Calcined:				
Board products ⁵	7,730,000	1,200,000	1,150,000	7,450,000
Plaster	43,600	6,130	6,650	41,500
Total	7,770,000	1,200,000	1,160,000	7,490,000
Board products: (thousand square feet) ⁶				
Regular board	4,610,000	816,000	762,000	5,040,000
Type X board	3,570,000	460,000	454,000	2,900,000
Other	1,100,000	160,000	163,000	999,000
Total supply	9,280,000	1,440,000	1,380,000	8,940,000

^rRevised.

¹Includes data from the Gypsum Association.

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

³May include revisions from previous month(s) data.

⁴Does not include synthetic gypsum from electric power plants.

⁵Includes weight of paper and other materials.

⁶One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION¹

(Metric tons)

Country of origin	2009		2010	
	January-June	May	June	January-June ²
Brazil	1	--	--	--
Canada	1,370,000	229,000	183,000	1,030,000
China	3	--	--	--
France	18	--	8	8
Germany	64	--	--	20
Italy	--	10	--	10
Korea	10	--	--	--
Mexico	735,000	87,300	108,000	572,000
South Africa	--	8,010	--	8,010
Spain	94,000	--	--	116,000
United Kingdom	--	--	21	21
Total	2,200,000	324,000	291,000	1,730,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²May include revisions from previous month(s) data.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES^{1,2}

(Thousand metric tons)

Period	Consumption ³	Production ⁴	Imports ⁵	Exports ⁵
2009:				
June	1,190	833	364	7
July	1,150	783	381	10
August	1,090	739	362	10
September	960	738	239	17
October	1,100	797	330	23
November	1,030	632	418	25
December	904	634	284	14
January-December	13,200	9,100	4,220	156
2010:				
January	789	610	202	23
February	941	679	287	25
March	1,160	826	365	32
April	1,020	780	259	19
May	1,060	766	324	28
June	1,040	775	291	30
January-June	6,010	4,440	1,730	156

¹Excludes synthetic gypsum.

²Data are rounded to no more than three significant digits.

³Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

⁴Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvass of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

⁵Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS IN 2010^{1,2}

(Thousand square feet)³

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
June:											
Veneer base	8,430	999	2,930	358	1,930	33	--	61	603	161	15,500
Sheathing	1,010	2,500	1,770	1,710	5,720	1,340	5,910	1,630	3,280	3,570	28,400
Regular gypsum board	18,200	78,600	84,300	50,400	170,000	58,500	134,000	60,600	75,800	32,200	762,000
Type X gypsum board	13,800	60,100	55,200	34,700	70,600	22,300	60,700	43,300	76,800	16,000	454,000
Liner Panel	411	1,650	650	334	2,870	196	621	450	701	247	8,130
Predecorated board	252	698	896	444	1,020	434	807	179	527	88	5,340
5/16 Mobile home board	--	2,130	806	--	768	6,050	1,480	160	88	37	11,500
Water/moisture resistant board	5,680	20,300	11,500	5,090	18,100	4,700	9,250	4,100	11,000	4,190	93,900
Total	47,800	167,000	158,000	93,000	271,000	93,500	212,000	110,000	169,000	56,500	1,380,000
January-June:											
Veneer base	55,700	7,520	22,400	2,090	14,600	114	130	486	4,170	425	108,000
Sheathing	3,830	12,300	10,300	9,500	30,700	8,910	30,600	10,500	22,000	19,800	158,000
Regular gypsum board	130,000	511,000	608,000	367,000	1,140,000	385,000	845,000	395,000	475,000	180,000	5,040,000
Type X gypsum board	89,900	354,000	362,000	229,000	451,000	136,000	395,000	287,000	503,000	90,500	2,900,000
Liner Panel	2,550	10,900	3,830	1,700	22,800	1,420	3,320	3,000	3,670	2,040	55,300
Predecorated board	1,250	3,220	4,710	1,930	6,420	2,040	4,480	1,520	3,060	565	29,200
5/16 Mobile home board	--	6,810	4,340	--	3,470	35,000	8,750	996	638	74	60,000
Water/moisture resistant board	35,200	128,000	74,000	32,500	114,000	29,300	58,600	25,600	66,000	27,500	590,000
Total	318,000	1,030,000	1,090,000	644,000	1,790,000	598,000	1,350,000	725,000	1,080,000	320,000	8,940,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Sales 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 (DC, 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).

³One square meter equals 10.78 square feet.

Source: Gypsum Association.