

Mineral Industry Surveys

For information, contact:

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

Lin Shi (Data)
Telephone: (703) 648-7994
Fax: (703) 648-7975
E-mail: lshi@usgs.gov

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

GYPSUM IN JUNE 2008

Producers mined 1.79 million metric tons (Mt) of gypsum in June 2008 (table 1). Output was 6% more than that of May 2008 and 13% less than that of June 2007. Synthetic gypsum production was 701,000 metric tons (t) in June 2008 (table 1), which was 9% more than that of May 2008 and 3% more than that of June 2007. Both mined and synthetic gypsum are used as raw material for wallboard. The wallboard industry is the leading domestic consumer of gypsum. During June 2008, synthetic gypsum accounted for about 22% of the 3.13-Mt total supply of gypsum in the United States. Sales of uncalcined gypsum in June 2008, mainly for portland cement manufacture and for agricultural uses, were 363,000 t (table 2), 11% more than those of May 2008 and 30% less than those of June 2007.

Output of calcined gypsum for June 2008 (table 1) was 1.53 Mt, 2% less than that of May 2008 and 20% less than that of June 2007. Sales of board products (table 2) were approximately 206 million square meters (2.22 billion square feet), 3% less than those of May 2008 and 15% less than those of June 2007.

According to the U.S. Census Bureau, imports of crude gypsum in June 2008 were 632,000 t (table 3), 2% more than those of May 2008 and 27% less than those of June 2007. The United States imported crude gypsum from five countries in

June 2008. Of these imports, Canada accounted for 73%, followed by Mexico with 23%, Spain with 4%, and negligible amounts from India and Italy.

Gypsum wallboard imports for June 2008 were 28,600 t, equivalent to 3.18 million square meters (34.2 million square feet). These imports were 9% more than those of May 2008 and 26% less than those of June 2007. The United States imported wallboard products from five countries in June 2008. Canada accounted for 51% of these imports, followed by Mexico with 49%, and negligible amounts, in decreasing order, from China, Denmark, and Italy. Wallboard exports to 36 countries and territories in June 2008 were 9,200 t, equivalent to 1.03 million square meters (11.1 million square feet). These exports were about 17% less than those of May 2008 and 33% more than those of June 2007. Most exports were delivered to four countries. Of these, Mexico accounted for 29% of the total, followed by the United Arab Emirates with 17%, Canada with 15%, and Hong Kong with 8%.

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

TABLE 1
GYPSUM SUPPLY^{1,2}

(Metric tons)

	2007	2008		
	January-June	May	June	January-June
Crude:				
Mined ³	11,800,000	1,690,000	1,790,000	10,500,000
Imported ⁴	4,730,000	623,000	632,000	3,660,000
Synthetic gypsum ⁵	3,970,000	640,000	701,000	3,940,000
Total supply	20,500,000	2,950,000	3,130,000	18,100,000
Crude, exported ⁴	82,200	12,500	12,000	80,200
Consumption	20,400,000	2,940,000	3,110,000	18,000,000
Calcined:				
Produced	10,900,000	1,560,000	1,530,000	9,400,000
Imported ⁶	6,520	1,120	1,140	7,070
Total supply	10,900,000	1,560,000	1,530,000	9,410,000
Exported ⁶	116,000	13,400	12,000	68,600
Consumption	10,700,000	1,550,000	1,520,000	9,340,000

¹Includes data from the Gypsum Association.

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

³Some data were estimated from semiannual reports.

⁴Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

⁵Reported production only.

⁶Import 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)

	2007	2008		
	January-June	May	June	January-June
Uncalcined: ³				
Portland cement	1,670,000	132,000	150,000	990,000
Agriculture and miscellaneous	864,000	196,000	213,000	1,140,000
Total	2,530,000	328,000	363,000	2,130,000
Calcined:				
Board products ⁴	12,900,000	1,790,000	1,850,000	11,200,000
Plaster	67,000	10,200	8,740	56,900
Total	13,000,000	1,800,000	1,860,000	11,300,000
Board products: (thousand square feet) ⁵				
Regular board	9,110,000	1,120,000	1,150,000	7,080,000
Type X board	5,180,000	805,000	834,000	4,950,000
Other	1,480,000	227,000	234,000	1,410,000
Total supply	15,800,000	2,150,000	2,220,000	13,400,000

¹Includes data from the Gypsum Association.

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

³Does not include synthetic gypsum from electric power plants.

⁴Includes weight of paper and other materials.

⁵One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION¹

(Metric tons)

Country of origin	2007		2008	
	January-June	May	June	January-June
Brazil	5	396,000	--	396,000
Canada	3,110,000	342	463,000	2,000,000
China	61	13,400	--	55,300
Dominican Republic	48,500	--	--	26,500
Germany	5	--	--	--
India	--		1	1
Italy	1	--	1	6
Jamaica	--	6,360	--	12,800
Korea, Republic of	--	2	--	2
Mexico	1,300,000	161,000	144,000	907,000
Spain	277,000	45,800	25,700	259,000
Turkey	2	--	--	--
United Kingdom	41	--	--	15
Total	4,740,000 ^r	623,000	632,000	3,660,000

^rRevised. -- Zero.

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

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
2007:				
June	2,920	2,070	867	13
July	2,920	2,080	844	13
August	2,810	2,060	761	15
September	2,690	1,970	726	12
October	2,890	2,040	866	10
November	2,490	1,770	735	9
December	2,350	1,630	723	6
January-December	32,600	23,300	9,390	146
2008:				
January	2,510	1,810	714	10
February	2,060	1,660	414	11
March	2,170	1,690	492	19
April	2,620	1,840	788	15
May	2,300	1,690	623	13
June	2,410	1,790	632	12
January-June	14,100	10,500	3,660	80

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 2008^{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	10,900	1,700	5,150	221	4,230	8	176	246	885	36	23,500
Sheathing	1,240	3,850	4,120	2,540	12,600	3,700	11,900	5,130	7,000	3,090	55,100
Regular gypsum board	22,900	102,000	119,000	70,200	292,000	98,900	194,000	102,000	104,000	44,000	1,150,000
Type X gypsum board	24,000	86,800	95,300	53,400	153,000	40,000	117,000	97,700	150,000	17,000	834,000
Predecorated board	230	626	756	458	1,640	507	1,090	302	755	131	6,500
5/16 Mobile home board	--	894	1,700	--	4,200	10,400	1,740	486	187	--	19,700
Water/moisture resistant board	5,920	25,500	13,700	6,010	28,700	5,670	13,800	8,730	15,700	5,250	129,000
Total	65,200	221,000	240,000	133,000	496,000	159,000	340,000	215,000	279,000	69,600	2,220,000
January-June:											
Veneer base	88,900	10,400	28,900	2,050	24,700	149	393	1,530	7,040	160	164,000
Sheathing	5,780	22,300	22,000	15,400	72,200	18,700	71,500	29,600	43,500	14,800	316,000
Regular gypsum board	175,000	671,000	782,000	457,000	1,770,000	580,000	1,130,000	604,000	647,000	259,000	7,070,000
Type X gypsum board	155,000	525,000	575,000	326,000	890,000	217,000	693,000	568,000	904,000	87,400	4,940,000
Predecorated board	1,600	3,640	5,040	2,400	8,510	2,310	5,680	2,600	4,200	651	36,600
5/16 Mobile home board	--	4,450	11,700	--	19,900	60,500	19,500	2,660	1,470	167	120,000
Water/moisture resistant board	36,600	156,000	84,900	38,700	169,000	32,900	84,000	51,500	97,600	28,000	779,000
Total	462,000	1,390,000	1,510,000	841,000	2,950,000	912,000	2,000,000	1,260,000	1,710,000	390,000	13,400,000

-- 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.