

Mineral Industry Surveys

For information, contact:

Alan Founie, Gypsum Commodity Specialist
U.S. Geological Survey
983 National Center
Reston, VA 20192
Telephone: (703) 648-7720, Fax: (703) 648-7975
E-mail: afounie@usgs.gov

Virginia C. Harper (Data)
Telephone: (703) 648-7983
Fax: (703) 648-7975
E-mail: vharper@usgs.gov

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

GYP SUM IN AUGUST 2006

Producers mined 1.69 million metric tons (Mt) of gypsum in August 2006 (table 1). Output was 9% more than that of July 2006 and 4% more than that of August 2005. Synthetic gypsum production was 692,000 metric tons (t) in August 2006 (table 1), which was 4% more than that of July 2006, and 20% less than that of August 2005. Both mined and synthetic gypsum are used as raw material for wallboard. The wallboard industry is the largest domestic consumer of gypsum. During January through July 2006 synthetic gypsum accounted for 5.18Mt, or about 22%, of the 23.3-Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 629,000 t (table 2), 14% more than those of July 2006 and 18% more than those of August 2005.

Output of calcined gypsum for August 2006 (table 1) was 2.0 Mt, slightly less than that of July 2006 and 6% less than that of August 2005. Sales of board products were about 2.9 billion square feet (270 million square meters), 2% more than those of July 2006 and 11% less than that of August 2005.

U.S. Government import and export data for August 2006 were not available at the time of publication. According to the U.S. Census Bureau, imports of crude gypsum in July 2006 were 1,015,000 t (table 3), 4% more than those of June 2006 and about 10% more than those of July 2005. Gypsum wallboard imports for July 2006 were 147,000 t, equivalent to 176 million square feet (16.4 million square meters). These imports were 43% more than those of June 2006 and 154% more than those of July 2005. China accounted for 44% of wallboard imports, followed by Canada with 26%, Mexico with 23%, Germany with 6%, and Brazil, Indonesia, and Israel together accounted for the remaining 1%. Wallboard exports to 34 countries and territories in June 2006 were 7,600 t, equivalent to 9.1 million square feet (846,000 square meters). These exports were 7% less than those of June 2006 and 27% more than those of July 2005.

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

TABLE 1
GYPSUM SUPPLY^{1,2}

(Metric tons)

	2006			2005
	August	July	January-August	January-August
Crude:				
Mined ³	1,690,000	1,550,000	12,800,000	12,000,000
Imported ⁴	NA	1,020,000	NA	7,260,000
Synthetic gypsum ⁵	692,000	668,000	5,870,000	6,170,000
Total supply	NA	3,240,000	NA	25,400,000
Crude, exported ⁴	NA	9,450	NA	111,000
Consumption	NA	3,230,000	NA	25,300,000
Calcined:				
Produced	1,990,000	2,030,000	17,000,000	16,100,000
Imported ⁶	NA	819	NA	3,430
Total supply	NA	2,030,000	NA	16,100,000
Exported ⁶	NA	16,200	NA	115,000
Consumption	NA	2,010,000	NA	16,000,000

NA Not available.

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)

	2006			2005
	August	July	January-August	January-August
Uncalcined:³				
Portland cement	408,000	323,000	2,480,000	2,560,000
Agriculture and miscellaneous	221,000	227,000	1,650,000	1,800,000
Total	629,000	549,000	4,230,000	4,360,000
Calcined:				
Board products ⁴	2,430,000	2,380,000	20,700,000	20,000,000
Plaster	12,200	10,800	99,400	109,000
Total	2,440,000	2,390,000	20,800,000	20,100,000
Board products: (thousand square feet)⁵				
Regular board	1,740,000	1,720,000	15,100,000	14,700,000
Type X board	898,000	886,000	7,500,000	7,060,000
Other	269,000	249,000	2,220,000	2,170,000
Total supply	2,910,000	2,850,000	24,800,000	24,000,000

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	2006			2005
	July	June	January-July	January-July
Austria	--	--	27	--
Bahrain	--	--	--	7
Brazil	4,010	6,010	10,000	--
Canada	679,000	700,000	4,540,000	4,320,000
China	3,320	3,320	26,200	16
Denmark	--	--	--	34
Dominica	--	--	--	2
Dominican Republic	18,100	3,900	53,600	105,000
France	--	--	983	17
Germany	--	2	14,100	80
India	--	--	1	--
Italy	--	--	--	1
Jamaica	--	3,940	3,940	43,100
Korea, Republic of	--	--	5	--
Mexico	184,000	251,000	1,860,000	1,430,000
Peru	--	--	--	79
Spain	131,000	3,940	574,000	387,000
Sweden	--	--	20	40
United Kingdom	--	--	40	--
Total	1,020,000	972,000	7,080,000	6,290,000

-- 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
2005:				
July	2,500	1,590	923	9
August	2,550	1,630	926	12
September	2,890	1,680	1,230	18
October	2,550	1,720	848	14
November	2,400	1,550	863	17
December	2,840	1,820	1,040	14
January-December	30,200	19,200	11,200	189
2006:				
January	2,580	1,590	997	14
February	2,410	1,490	928	12
March	2,600	1,640	970	14
April	2,650	1,540	1,120	8
May	2,710	1,640	1,080	10
June	2,650	1,690	972	9
July	2,560	1,550	1,020	9
August	NA	1,690	NA	NA

NA Not available.

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^{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
2006:											
August											
Veneer base	21,600	2,120	7,240	544	7,530	5	9	248	1,200	46	40,600
Sheathing	1,510	4,440	6,090	4,130	16,100	2,410	9,440	8,400	9,490	1,870	63,900
Regular gypsum board	37,300	134,000	191,000	100,000	477,000	124,000	251,000	187,000	201,000	41,000	1,740,000
Type X gypsum board	28,900	90,500	117,000	59,400	148,000	32,000	93,100	114,000	202,000	12,900	898,000
Predecorated board	383	949	892	571	1,510	394	945	523	582	55	6,810
5/16 Mobile home board	--	800	3,620	--	7,930	11,900	5,080	70	121	--	29,500
Water/moisture resistant board	5,490	21,400	14,300	5,800	29,800	5,310	12,300	11,300	16,300	6,630	129,000
Total	95,200	255,000	339,000	171,000	688,000	176,000	372,000	322,000	431,000	62,600	2,910,000
January- August:											
Veneer base	185,000	17,800	56,600	4,920	67,600	196	150	2,590	11,800	361	347,000
Sheathing	11,600	37,400	45,900	41,000	142,000	24,200	83,400	61,100	75,600	14,200	536,000
Regular gypsum board	318,000	1,140,000	1,650,000	873,000	4,390,000	1,140,000	2,090,000	1,570,000	1,610,000	301,000	15,100,000
Type X gypsum board	232,000	737,000	976,000	534,000	1,310,000	290,000	824,000	991,000	1,540,000	70,600	7,500,000
Predecorated board	2,380	6,230	7,400	4,050	10,700	3,230	8,130	3,080	5,030	453	50,700
5/16 Mobile home board	--	6,040	23,600	--	70,100	95,900	45,500	854	2,640	78	245,000
Water/moisture resistant board	43,000	176,000	118,000	50,900	248,000	47,600	103,000	90,400	131,000	38,100	1,050,000
Total	792,000	2,120,000	2,870,000	1,510,000	6,240,000	1,600,000	3,150,000	2,720,000	3,370,000	425,000	24,800,000

-- 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.