

Mineral Industry Surveys

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GYP SUM IN AUGUST 2003

Producers mined 1.32 million metric tons (Mt) of gypsum in August 2003 (table 1). Output was 4% less than that of July 2003 and 15% less than that of August 2002. Synthetic gypsum production was 722,000 metric tons (t) in August 2003 (table 1), which was 9% more than that of July 2003 and 57% more than that of August 2002. The increased synthetic gypsum production over that of 2002 is due to new synthetic-gypsum-sourced wallboard plants that came online in 2003. Both mined and synthetic gypsum are used as raw material for wallboard. During January through July 2003, synthetic gypsum accounted for 4.65 Mt, or about 25% of the 18.4 Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 518,000 t (table 2), 12% less than that of July 2003, and 13% less than that of August 2002.

Output of calcined gypsum (table 1) was 1.84 Mt, slightly less than that of July 2003, and 4% more than that of August 2002.

Sales of board products were about 2.7 billion square feet (249 million square meters), 20% less than that of July 2003, and 2% less than that of August 2002.

Import and export data for August 2003 were not available at the time of publication. Imports of crude gypsum in July 2003 were 875,000 t (table 3), 40% more than that of June 2003, and 20% more than that of July 2002. Gypsum wallboard imports, principally from Canada, for July 2003 were 45,000 t, equivalent to 54 million square feet (5.0 million square meters). These imports were 45% more than that of June 2003, and 41% more than those of July 2002. Wallboard exports to 24 countries and territories in July 2003 were 4,700 t, equivalent to 5.6 million square feet (523,000 square meters). These exports were 22% less than those of June 2003, and 4% less than those of July 2002.

TABLE 1
GYPSUM SUPPLY^{1, 2}

(Metric tons)

	2003			2002
	August	July	January-August	January-August
Crude:				
Mined: ³	1,320,000	1,380,000	10,700,000	10,100,000
Imported ⁴	NA	875,000	NA	5,350,000
Exported ⁴	NA	16,100	NA	135,000
Synthetic gypsum ⁵	722,000	664,000	5,380,000	3,450,000
Total supply	NA	2,900,000	NA	18,800,000
Calcined:				
Produced	1,840,000	1,870,000	13,100,000	14,100,000
Imported ⁶	NA	630	NA	11,700
Exported ⁶	NA	12,400	NA	145,000
Total supply	NA	1,860,000	NA	14,000,000

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, 4}

(Metric tons, unless otherwise specified)

	2003			2002
	August	July	January-August	January-August
Uncalcined: ³				
Portland cement	373,000	417,000	2,610,000	2,670,000
Agriculture and miscellaneous	145,000	170,000	1,540,000	1,740,000
Total	518,000	587,000	4,140,000	4,400,000
Calcined:				
Board products ⁴	2,240,000	2,800,000	17,800,000	14,900,000
Plaster	13,300	14,400	180,000	263,000
Total	2,250,000	2,810,000	18,000,000	15,200,000
Board products: (Thousand square feet) ⁵				
Regular board	1,620,000	1,910,000	12,600,000	12,000,000
Type X board	803,000	1,160,000	6,310,000	6,220,000
Other	257,000	286,000	1,950,000	2,070,000
Total supply	2,680,000	3,360,000	20,800,000	20,300,000

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	2003			2002
	July	June	January-July	January-July
Argentina	--	--	18	--
Austria	--	--	14	--
Canada	616,000	396,000	2,970,000	3,160,000
Dominican Republic	--	--	38,500	--
Guatemala	--	--	22	--
Italy	--	--	10	10,100
Jamaica	--	16	16	--
Japan	--	--	--	3
Korea, Republic of	--	--	--	270
Mexico	194,000	175,000	1,020,000	1,130,000
Spain	64,900	50,800	434,000	487,000
Sweden	--	--	2	--
Thailand	--	--	--	79,400
United Kingdom	--	20	38	70
Total	875,000	623,000	4,460,000	4,860,000

-- 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
2002:				
July	1,730	1,020	727	14
August	2,120	1,550	634	60
September	2,190	1,570	631	14
October	2,020	1,470	569	18
November	1,970	1,250	730	13
December	1,740	1,210	548	15
January-December	23,300	15,700	7,970	343
2003:				
January	2,090	1,550	555	16
February	1,810	1,340	478	16
March	1,670	1,010	668	12
April	1,990	1,350	663	14
May	1,990	1,410	594	11
June	1,950	1,340	623	12
July	2,240	1,380 ^r	875	16
August	NA	1,320	NA	NA

^rRevised. 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 REGION^{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
2003:											
August:											
Lath	--	24	13	--	4	--	--	--	13	--	56
Veneer base	19,900	2,480	8,150	851	8,430	22	18	360	1,060	8	41,300
Sheathing	1,220	4,150	4,610	5,620	13,800	1,920	9,930	4,770	8,900	1,130	56,100
Regular gypsum board	37,300	138,000	221,000	113,000	450,000	113,000	200,000	141,000	181,000	28,000	1,620,000
Type X gypsum board	23,400	78,200	121,000	66,000	132,000	24,800	89,600	87,700	171,000	9,740	803,000
Predecorated board	437	668	1,130	530	1,540	473	834	471	681	101	6,870
5/16 Mobile home board	--	1,750	6,670	--	9,380	18,400	7,940	1,560	1,230	--	46,900
Water/moisture resistant board	4,740	18,300	14,100	5,570	23,500	4,240	10,800	8,060	13,800	3,170	106,000
Total	87,000	244,000	376,000	192,000	639,000	163,000	319,000	244,000	378,000	42,200	2,680,000
January-August:											
Lath	18	165	150	2	51	6	--	7	337	--	735
Veneer base	165,000	21,000	63,000	6,720	66,600	277	753	2,860	12,400	196	339,000
Sheathing	9,350	28,300	31,500	40,600	85,900	16,800	73,900	42,200	70,700	7,670	407,000
Regular gypsum board	308,000	1,090,000	1,710,000	846,000	3,450,000	847,000	1,560,000	1,150,000	1,450,000	190,000	12,600,000
Type X gypsum board	189,000	626,000	940,000	516,000	993,000	207,000	676,000	751,000	1,350,000	61,400	6,310,000
Predecorated board	2,940	4,930	7,760	4,160	9,870	3,090	6,930	3,080	5,220	626	48,600
5/16 Mobile home board	--	11,000	48,100	16	80,900	117,000	54,500	10,200	8,850	222	331,000
Water/moisture resistant board	36,000	139,000	109,000	45,400	174,000	30,900	84,100	66,700	113,000	22,100	820,000
Total	710,000	1,920,000	2,910,000	1,460,000	4,860,000	1,220,000	2,460,000	2,030,000	3,010,000	282,000	20,800,000

-- Zero.

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

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, OH, MI, 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.