



# Mineral Industry Surveys

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## GYPSUM IN JULY 2003

Producers mined 1.38 million metric tons (Mt) of gypsum in July 2003 (table 1). Output was 3% more than that of June 2003 and 35% more than that of July 2002. Synthetic gypsum production was 664,000 metric tons (t) in July 2003 (table 1), which was 6% less than that of June 2003 and 57% more than that of July 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 June 2003, synthetic gypsum accounted for 3.99 Mt, or about 26% of the 15.5 Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 587,000 t (table 2), 16% more than that of June 2003, and 7% less than that of July 2002.

Output of calcined gypsum (table 1) was 1.87 Mt, 7% more than that of June 2003, and 21% more than that of July 2002.

Sales of board products were about 3.4 billion square feet (311 million square meters), 31% more than that of June 2003, and 38% more than that of July 2002.

Import and export data for July 2003 were not available at the time of publication. Imports of crude gypsum in June 2003 were 623,000 t (table 3), 5% more than that of May 2003, and 7% less than that of June 2002. Gypsum wallboard imports, principally from Canada, for June 2003 were 31,000 t, equivalent to 37 million square feet (3.5 million square meters). These imports were 11% less than that of May 2003, and 26% less than those of June 2002. Wallboard exports to 28 countries and territories in June 2003 were 6,000 t, equivalent to 7.2 million square feet (668,000 square meters). These exports were 36% more than those of May 2003, and 46% more than those of June 2002.

TABLE 1  
GYPSUM SUPPLY<sup>1, 2</sup>

(Metric tons)

	2003			2002
	July	June	January-July	January-July
Crude:				
Mined <sup>3</sup>	1,380,000	1,340,000	9,380,000	8,590,000
Imported <sup>4</sup>	NA	623,000	NA	4,720,000
Exported <sup>4</sup>	NA	12,000	NA	75,600
Synthetic gypsum <sup>5</sup>	664,000	710,000	4,650,000	3,000,000
Total supply	NA	2,660,000	NA	16,200,000
Calcined:				
Produced	1,870,000	1,740,000	11,300,000	12,300,000
Imported <sup>6</sup>	NA	557	NA	10,700
Exported <sup>6</sup>	NA	15,500	NA	134,000
Total supply	NA	1,730,000	NA	12,200,000

NA Not available.

<sup>1</sup>Includes data from the Gypsum Association.

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

<sup>3</sup>Some data were estimated from semiannual reports.

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

<sup>5</sup>Reported production only.

<sup>6</sup>Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2  
GYPSUM SOLD OR USED BY PRODUCERS, BY USE<sup>1, 2</sup>

(Metric tons, unless otherwise specified)

	2003			2002
	July	June	January-July	January-July
Uncalcined: <sup>3</sup>				
Portland cement	417,000	335,000	2,230,000	2,270,000
Agriculture and miscellaneous	170,000	170,000	1,390,000	1,540,000
Total	587,000	505,000	3,630,000	3,810,000
Calcined:				
Board products <sup>4</sup>	2,800,000	2,140,000	15,600,000	14,700,000
Plaster	14,400	13,000	167,000	222,000
Total	2,810,000	2,150,000	15,800,000	14,900,000
Board products: (Thousand square feet) <sup>5</sup>				
Regular board	1,910,000	1,540,000	11,000,000	10,400,000
Type X board	1,160,000	784,000	5,500,000	5,420,000
Other	286,000	238,000	1,690,000	1,800,000
Total supply	3,360,000	2,560,000	18,200,000	17,600,000

<sup>1</sup>Includes data from the Gypsum Association.

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

<sup>3</sup>Does not include synthetic gypsum from electric power plants.

<sup>4</sup>Includes weight of paper and other materials.

<sup>5</sup>One square meter equals 10.78 square feet.

TABLE 3  
CRUDE GYPSUM IMPORTED FOR CONSUMPTION<sup>1</sup>

(Metric tons)

Country of origin	2003			2002
	June	May	January-June	January-June
Argentina	--	--	18	--
Austria	--	--	14	--
Canada	396,000	416,000	2,350,000	2,780,000
Dominican Republic	--	--	38,500	--
Guatemala	--	--	22	--
Italy	--	--	10	--
Jamaica	16	--	16	--
Japan	--	--	--	3
Korea, Republic of	--	--	--	270
Mexico	175,000	111,000	822,000	959,000
Spain	50,800	67,400	369,000	393,000
Sweden	--	--	2	--
United Kingdom	20	--	38	70
Total	623,000	594,000	3,580,000	4,130,000

-- Zero.

<sup>1</sup>Data 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<sup>1,2</sup>

(Thousand metric tons)

Period	Consumption <sup>3</sup>	Production <sup>4</sup>	Imports <sup>5</sup>	Exports <sup>5</sup>
2002:				
June	1,670	1,070	671	62
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	NA	1,780	NA	NA

NA Not available.

<sup>1</sup>Excludes synthetic gypsum.

<sup>2</sup>Data are rounded to no more than three significant digits.

<sup>3</sup>Consumption 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.

<sup>4</sup>Production 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.

<sup>5</sup>Data from U.S. Census Bureau.

TABLE 5  
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS<sup>1, 2</sup>

(Thousand square feet)<sup>3</sup>

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2003:											
July:											
Lath	2	3	33	--	4	--	--	7	15	--	63
Veneer base	20,800	2,860	9,400	799	8,480	27	26	441	1,540	21	44,400
Sheathing	1,490	4,180	4,970	6,520	12,500	2,280	10,600	11,600	20,300	1,290	75,700
Regular gypsum board	37,800	144,000	231,000	118,000	468,000	118,000	204,000	229,000	332,000	28,600	1,910,000
Type X gypsum board	25,600	83,900	126,000	68,500	131,000	28,800	84,400	210,000	392,000	8,730	1,160,000
Predecorated board	300	619	1,030	569	1,440	457	862	279	545	35	6,130
5/16 Mobile home board	--	1,810	6,700	--	9,990	14,300	6,940	967	11,800	37	41,900
Water/moisture resistant board	4,460	18,600	13,900	5,610	23,800	3,920	11,000	12,400	21,300	2,870	118,000
Total	90,300	256,000	393,000	200,000	655,000	168,000	318,000	465,000	769,000	41,500	3,360,000
January-July:											
Lath	18	141	136	2	46	6	--	7	323	--	679
Veneer base	145,000	18,500	54,900	5,870	58,100	255	735	2,500	11,300	188	298,000
Sheathing	8,130	24,200	26,800	35,000	72,000	14,900	63,900	37,400	61,800	6,530	351,000
Regular gypsum board	270,000	948,000	1,490,000	733,000	3,000,000	735,000	1,360,000	1,010,000	1,270,000	162,000	11,000,000
Type X gypsum board	165,000	548,000	819,000	450,000	861,000	182,000	586,000	664,000	1,180,000	51,700	5,500,000
Predecorated board	2,510	4,260	6,630	3,630	8,320	2,620	6,100	2,610	4,530	525	41,700
5/16 Mobile home board	--	9,290	41,500	16	71,500	98,800	46,600	8,670	7,620	222	284,000
Water/moisture resistant board	31,200	121,000	95,000	39,800	150,000	26,700	73,300	58,600	98,900	18,900	713,000
Total	623,000	1,670,000	2,530,000	1,270,000	4,220,000	1,060,000	2,140,000	1,780,000	2,630,000	240,000	18,200,000

-- Zero.

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

<sup>2</sup>Sales 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).

<sup>3</sup>One square meter equals 10.78 square feet.

Source: Gypsum Association.