

Mineral Industry Surveys

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GYPSUM IN JULY 2004

Producers mined 1.57 million metric tons (Mt) of gypsum in July 2004 (table 1). Output was 23% more than that of June 2004, and 14% more than that of July 2003. Synthetic gypsum production was 779,000 metric tons (t) in July 2004 (table 1), which was 5% more than that of June 2004, and 17% more than that of July 2003. 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 June 2004, synthetic gypsum accounted for 4.24 Mt, or about 25%, of the 16.9 Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 680,000 t (table 2), 9% more than that of June 2004, and 16% more than that of July 2003.

Output of calcined gypsum for July (table 1) was 1.87 Mt, about the 6% more than that of June 2004, and about the same as that of July 2003. Sales of board products were about 2.8

billion square feet (263 million square meters), 6% less than that of June 2004, and 15% less than that of July 2003.

U.S. Government import and export data for July 2004 were not available at the time of publication. According to the U.S. Census Bureau, imports of crude gypsum in June 2004 were 936,000 t (table 3), 3% more than that of May 2004, and 50% more than that of June 2003. Gypsum wallboard imports, principally from Canada, for June 2004 were 51,000 t, equivalent to 61 million square feet (5.7 million square meters). These imports were 9% less than that of May 2004, and 64% more than those of June 2003. Wallboard exports to 26 countries and territories in June 2004 were 5,800 t, equivalent to 7.0 million square feet (646,000 square meters). These exports were 12% less than those of May 2004, and 3% less than those of June 2003.

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

TABLE 1
GYPSUM SUPPLY^{1,2}

(Metric tons)

	2004			2003
	July	June	January-July ³	January-July
Crude:				
Mined ⁴	1,570,000	1,280,000	9,590,000	9,380,000
Imported ⁵	NA	936,000	NA	4,540,000
Exported ⁵	NA	13,700	NA	117,000
Synthetic gypsum ⁶	779,000	740,000	5,020,000	4,650,000
Total supply	NA	2,940,000	NA	18,400,000
Calcined:				
Produced	1,870,000	1,760,000	12,100,000	11,300,000
Imported ⁷	NA	233	NA	3,790
Exported ⁷	NA	14,000	NA	176,000
Total supply	NA	1,750,000	NA	11,100,000

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.

³Includes revisions to previous months' 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)

	2004			2003
	July	June	January-July ³	January-July
Uncalcined:⁴				
Portland cement	498,000	423,000	2,260,000	2,230,000
Agriculture and miscellaneous	183,000	199,000	1,040,000	1,390,000
Total	680,000	622,000	3,300,000	3,630,000
Calcined:				
Board products ⁵	2,370,000	2,510,000	16,600,000	15,600,000
Plaster	13,200	14,500	97,100	167,000
Total	2,380,000	2,520,000	16,700,000	15,800,000
Board products: (Thousand square feet)⁶				
Regular board	1,740,000	1,820,000	12,100,000	11,000,000
Type X board	843,000	913,000	5,930,000	5,500,000
Other	256,000	277,000	1,820,000	1,690,000
Total supply	2,840,000	3,010,000	19,900,000	18,200,000

¹Includes data from the Gypsum Association.

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

³Includes revisions to previous months' 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	2004			2003
	June	May	January-June	January-June
Argentina	--	--	--	18
Austria	8	--	8	14
Canada	650,000	689,000	3,220,000	2,350,000
China	--	--	41,300	--
Costa Rica	--	4	53	--
Dominican Republic	17,700	22,500	71,300	38,500
Guatemala	--	--	--	22
Italy	5,000	--	26,900	10
Jamaica	19,200	--	19,200	16
Japan	1	--	1	--
Mexico	158,000	150,000	1,010,000	822,000
Spain	85,600	44,400	327,000	369,000
Sweden	--	--	--	2
United Kingdom	20	--	21	38
Total	936,000	905,000	4,720,000	3,580,000

-- 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
2003:				
May	1,990	1,410	594	11
June	1,950	1,340	623	12
July	2,240	1,380	875	16
August	2,150	1,320	834	12
September	2,120	1,440	696	15
October	2,210	1,510	713	13
November	2,070	1,310	766	13
December	2,120	1,300	830	17
January-December	24,400	16,300	8,300	167
2004:				
January	2,100	1,350	761	13
February	1,810	1,260	559	12
March	2,180	1,390	806	14
April	2,140	1,400	751	9
May	2,230	1,340	905	11
June	2,200	1,280	936	14
July	NA	1,580	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
2004:											
July:											
Lath	--	--	--	--	--	--	--	--	--	--	--
Veneer base	23,100	2,520	8,780	680	7,850	51	48	510	1,220	21	44,800
Sheathing	1,850	5,260	4,910	6,060	15,300	2,840	10,300	6,070	8,100	2,300	63,000
Regular gypsum board	38,700	144,000	215,000	113,000	504,000	122,000	203,000	166,000	202,000	32,900	1,740,000
Type X gypsum board	26,100	86,300	118,000	64,900	137,000	29,900	81,000	99,200	192,000	8,160	843,000
Predecorated board	407	716	771	374	1,430	339	1,070	383	624	48	6,160
5/16 Mobile home board	--	724	5,210	--	8,450	8,680	6,710	421	897	--	31,100
Water/moisture resistant board	4,630	19,600	13,400	5,600	25,400	4,410	10,300	9,320	15,700	3,120	111,000
Total	94,800	259,000	366,000	190,000	700,000	168,000	313,000	282,000	420,000	46,500	2,840,000
January- July:											
Lath	--	--	--	--	--	--	--	--	--	--	--
Veneer base	164,000	18,600	56,600	5,410	61,900	161	409	2,240	10,800	353	321,000
Sheathing	9,820	29,500	31,600	41,800	99,400	18,600	77,400	41,700	60,000	13,800	424,000
Regular gypsum board	292,000	1,010,000	1,550,000	792,000	3,460,000	856,000	1,440,000	1,130,000	1,360,000	221,000	12,100,000
Type X gypsum board	183,000	590,000	856,000	465,000	980,000	208,000	625,000	694,000	1,280,000	52,200	5,930,000
Predecorated board	1,960	4,420	6,080	3,440	8,870	2,680	5,890	2,620	4,240	318	40,500
5/16 Mobile home board	--	7,030	32,600	1	64,900	77,500	47,800	5,300	6,670	76	242,000
Water/moisture resistant board	36,100	136,000	105,000	42,900	171,000	32,100	76,600	61,800	105,000	24,400	791,000
Total	687,000	1,800,000	2,640,000	1,350,000	4,850,000	1,200,000	2,280,000	1,940,000	2,820,000	312,000	19,900,000

-- 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, 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.