

Mineral Industry Surveys

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GYPSUM IN JUNE 2004

Producers mined 1.28 million metric tons (Mt) of gypsum in June 2004 (table 1). Output was 4% less than that of May 2004, and 4% less than that of June 2003. Synthetic gypsum production was 740,000 metric tons (t) in June 2004 (table 1), which was slightly more than that of May 2004, and 4% more than that of June 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 May 2004, synthetic gypsum accounted for 3.28 Mt, or about 25%, of the 12.9 Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 622,000 t (table 2), 32% more than that of May 2004, and 23% more than that of June 2003.

Output of calcined gypsum for June (table 1) was 1.76 Mt, about the 7% less than that of May 2004, and slightly more than that of June 2003. Sales of board products were about 3.0

billion square feet (279 million square meters), 9% more than that of May 2004, and 18% more than that of June 2003.

U.S. Government import and export data for June 2004 were not available at the time of publication. According to the U.S. Census Bureau, imports of crude gypsum in May 2004 were 905,000 t (table 3), 21% more than that of April 2004, and 52% more than that of May 2003. Gypsum wallboard imports, principally from Canada, for May 2004 were 56,000 t, equivalent to 67 million square feet (6.2 million square meters). These imports were 2% less than that of April 2004, and 60% more than those of May 2003. Wallboard exports to 31 countries and territories in May 2004 were 6,600 t, equivalent to 7.9 million square feet (735,000 square meters). These exports were 3% less than those of April 2004, and 50% more than those of May 2003.

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

TABLE 1
GYPSUM SUPPLY^{1, 2}

(Metric tons)

	2004			2003
	June	May	January-June ³	January-June
Crude:				
Mined ⁴	1,280,000	1,340,000	8,020,000	8,000,000
Imported ⁵	NA	905,000	NA	3,660,000
Exported ⁵	NA	10,600	NA	101,000
Synthetic gypsum ⁶	740,000	738,000	4,240,000	3,990,000
Total supply	NA	2,970,000	NA	15,500,000
Calcined:				
Produced	1,760,000	1,890,000	10,200,000	9,410,000
Imported ⁷	NA	292	NA	3,160
Exported ⁷	NA	15,100	NA	164,000
Total supply	NA	1,880,000	NA	9,250,000

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
	June	May	January-June ³	January-June
Uncalcined:⁴				
Portland cement	423,000	334,000	1,760,000	1,820,000
Agriculture and miscellaneous	199,000	137,000	857,000	1,220,000
Total	622,000	471,000	2,620,000	3,040,000
Calcined:				
Board products ⁵	2,510,000	2,300,000	14,200,000	12,800,000
Plaster	14,500	13,400	83,900	153,000
Total	2,520,000	2,320,000	14,300,000	13,000,000
Board products: (Thousand square feet)⁶				
Regular board	1,820,000	1,670,000	10,400,000	9,270,000
Type X board	913,000	844,000	5,090,000	4,670,000
Other	277,000	255,000	1,560,000	1,430,000
Total supply	3,010,000	2,770,000	17,000,000	15,400,000

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
	May	April	January-May	January-May
Argentina	--	--	--	18
Austria	--	--	--	14
Canada	689,000	451,000	2,570,000	1,960,000
China	--	41,300	41,300	--
Costa Rica	4	34	53	--
Dominican Republic	22,500	6,500	53,600	38,500
Guatemala	--	--	--	22
Italy	--	5,500	21,900	10
Mexico	150,000	247,000	852,000	646,000
Spain	44,400	--	241,000	318,000
Sweden	--	--	--	2
United Kingdom	--	--	1	18
Total	905,000	751,000	3,780,000	2,960,000

-- 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:				
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	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	NA	1,280	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.

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
2004:											
June:											
Lath	--	--	--	--	--	--	--	--	--	--	--
Veneer base	24,200	2,580	8,310	684	9,940	11	15	212	1,540	40	47,500
Sheathing	1,460	4,630	5,150	7,340	15,600	2,560	11,500	6,750	9,630	3,540	68,200
Regular gypsum board	39,800	144,000	220,000	115,000	534,000	134,000	215,000	168,000	212,000	36,300	1,820,000
Type X gypsum board	28,700	91,200	128,000	68,400	154,000	34,200	95,600	99,700	203,000	10,000	913,000
Predecorated board	250	629	843	515	1,350	460	955	420	681	44	6,150
5/16 Mobile home board	--	1,160	5,590	1	9,550	13,100	7,520	754	994	--	38,700
Water/moisture resistant board	5,220	18,900	14,200	5,820	26,200	4,780	11,900	9,500	16,300	4,210	117,000
Total	99,600	264,000	383,000	198,000	750,000	189,000	342,000	285,000	444,000	54,100	3,010,000
January- June:											
Lath	--	--	--	--	--	--	--	--	--	--	--
Veneer base	141,000	16,100	47,800	4,730	54,100	110	361	1,730	9,600	332	276,000
Sheathing	7,960	24,200	26,700	35,700	84,100	15,700	67,100	35,400	52,200	11,500	361,000
Regular gypsum board	254,000	869,000	1,340,000	679,000	2,960,000	735,000	1,240,000	962,000	1,160,000	188,000	10,400,000
Type X gypsum board	157,000	504,000	737,000	400,000	842,000	178,000	544,000	590,000	1,090,000	44,100	5,090,000
Predecorated board	1,550	3,700	5,310	3,060	7,440	2,340	4,820	2,240	3,620	270	34,400
5/16 Mobile home board	--	6,310	27,400	1	56,400	68,800	41,100	4,880	5,770	76	211,000
Water/moisture resistant board	31,500	116,000	91,400	37,300	146,000	27,700	66,300	52,400	89,900	21,300	679,000
Total	592,000	1,540,000	2,270,000	1,160,000	4,150,000	1,030,000	1,960,000	1,650,000	2,410,000	265,000	17,000,000

-- 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.