

Mineral Industry Surveys

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GYP SUM IN DECEMBER 2003

Producers mined 1.30 million metric tons (Mt) of gypsum in December 2003 (table 1). Output was slightly less than that of November 2003 and 7% more than that of December 2002. Synthetic gypsum production was 726,000 metric tons (t) in December 2003 (table 1), which was 3% more than that of November 2003 and 57% more than that of December 2002. Synthetic gypsum production increased over that of 2002, owing 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 November 2003, synthetic gypsum accounted for 7.54 Mt, or about 25%, of the 29.8 Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 459,000 t (table 2), 12% less than that of November 2003 and 3% less than that of December 2002.

Output of calcined gypsum for December (table 1) was 1.82 Mt, 3% more than that of November 2003, and 30% more than

that of December 2002. Sales of board products were about 2.7 billion square feet (250 million square meters), 11% more than that of November 2003 and 23% more than that of December 2002.

Import and export data for December 2003 were not available at the time of publication. Imports of crude gypsum in November 2003 were 766,000 t (table 3), 7% more than that of October 2003 and 5% more than that of November 2002. Gypsum wallboard imports, principally from Canada, for November 2003 were 45,000 t, equivalent to 54 million square feet (5.0 million square meters). These imports were 15% less than that of October 2003 and 55% more than those of November 2002. Wallboard exports to 28 countries and territories in November 2003 were 4,010 t, equivalent to 4.8 million square feet (446,000 square meters). These exports were 15% less than those of October 2003 and 8% more than those of November 2002.

TABLE 1
GYPSUM SUPPLY^{1,2}

(Metric tons)

	2003			2002
	December	November	January-December	January-December
Crude:				
Mined ³	1,300,000	1,310,000	16,300,000	15,600,000
Imported ⁴	NA	766,000	NA	7,880,000
Exported ⁴	NA	13,100	NA	191,000
Synthetic gypsum ⁵	726,000	708,000	8,260,000	5,260,000
Total supply	NA	2,770,000	NA	28,600,000
Calcined:				
Produced	1,820,000	1,770,000	20,500,000	22,600,000
Imported ⁶	NA	356	NA	14,700
Exported ⁶	NA	9,640	NA	187,000
Total supply	NA	1,760,000	NA	22,400,000

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)

	2003			2002
	December	November	January-December	January-December
Uncalcined:³				
Portland cement	316,000	377,000	3,950,000	3,930,000
Agriculture and miscellaneous	143,000	144,000	2,120,000	2,570,000
Total	459,000	521,000	6,080,000	6,500,000
Calcined:				
Board products ⁴	2,240,000	2,010,000	26,900,000	24,900,000
Plaster	12,400	11,600	232,000	382,000
Total	2,250,000	2,030,000	27,100,000	25,300,000
Board products: (Thousand square feet)⁵				
Regular board	1,670,000	1,500,000	19,300,000	17,800,000
Type X board	788,000	688,000	9,460,000	903,000
Other	236,000	225,000	2,950,000	3,000,000
Total supply	2,690,000	2,420,000	31,700,000	29,900,000

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
	November	October	January-November	January-November
Argentina	--	--	18	--
Austria	--	--	14	--
Canada	562,000	531,000	5,200,000	4,890,000
Dominican Republic	6,790	--	67,900	--
Guatemala	--	--	22	--
Italy	--	--	11	10,100
Jamaica	--	--	16	--
Japan	--	--	--	3
Korea, Republic of	--	--	--	273
Mexico	152,000	181,000	1,610,000	1,730,000
Morocco	--	--	--	18
Spain	44,400	--	593,000	722,000
Sweden	--	--	2	--
Thailand	--	--	--	79,400
United Kingdom	22	20	97	88
Total	766,000	713,000	7,470,000	7,430,000

-- 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:				
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	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	NA	1,300	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 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:											
December:											
Lath	--	25	8	--	2	8	--	--	17	--	60
Veneer base	22,900	2,700	8,080	906	8,870	8	41	147	1,270	81	45,000
Sheathing	1,340	4,330	4,860	5,630	10,200	2,080	10,900	5,080	7,860	982	53,300
Regular gypsum board	41,000	141,000	224,000	114,000	468,000	123,000	198,000	154,000	171,000	32,200	1,670,000
Type X gypsum board	23,000	77,400	119,000	64,300	132,000	28,800	85,500	94,800	155,000	7,550	788,000
Predecorated board	230	646	971	582	1,400	465	752	229	673	115	6,060
5/16 Mobile home board	--	871	2,750	--	7,070	8,110	4,570	712	561	37	24,700
Water/moisture resistant board	4,930	18,300	14,200	5,640	24,200	4,450	10,000	8,580	13,100	3,300	107,000
Total	93,300	245,000	375,000	191,000	652,000	167,000	310,000	263,000	349,000	44,200	2,690,000
January- December:											
Lath	27	222	158	2	61	13	6	46	511	--	1,050
Veneer base	254,000	31,500	97,100	9,980	99,800	337	963	3,920	17,800	350	516,000
Sheathing	15,300	46,700	53,600	64,900	138,000	27,100	118,000	63,800	104,000	12,900	644,000
Regular gypsum board	472,000	1,670,000	2,620,000	1,300,000	5,320,000	1,330,000	2,380,000	1,770,000	2,150,000	306,000	19,300,000
Type X gypsum board	284,000	941,000	1,420,000	774,000	1,510,000	313,000	1,020,000	1,120,000	2,000,000	86,200	9,460,000
Predecorated board	4,080	7,530	11,400	6,180	15,000	4,480	9,650	4,580	7,880	836	71,700
5/16 Mobile home board	--	16,200	70,700	16	114,000	162,000	77,600	13,800	12,400	297	467,000
Water/moisture resistant board	55,100	213,000	165,000	68,200	271,000	46,900	125,000	101,000	167,000	35,700	1,250,000
Total	1,080,000	2,920,000	4,430,000	2,220,000	7,460,000	1,890,000	3,730,000	3,080,000	4,460,000	442,000	31,700,000

-- 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.