

Mineral Industry Surveys

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TIN IN AUGUST, SEPTEMBER, AND OCTOBER 2007

Domestic consumption of primary tin in the first 10 months of 2007 was estimated to be 28,100 metric tons (t) compared with 28,400 t for the comparable period of 2006. For the first 10 months of 2007, tin chemicals was the leading consumption category, followed by tinplate and solder, and brass and bronze.

The Platts Metals Week average composite price for tin in October 2007 was \$9.90 per pound, compared with \$6.21 in October 2006.

Update

On June 13, 2008, the Platts Metals Week composite price for tin was \$12.98 per pound.

TABLE 1
SALIENT TIN STATISTICS¹

(Metric tons, unless otherwise noted)

	2007					
	2006	July	August	September	October	January- October
Production, secondary ^{6, 2}	11,600	900	900	900	900	6,300
Consumption:						
Primary	42,600	2,680	3,010	2,840	2,950	28,100
Secondary	11,900	905	1,060	1,070	1,070	9,060
Imports for consumption, metal	43,300	2,860	3,630	2,370	2,810	30,100
Exports, metal	5,490	599	617	513	290	5,150
Stocks at end of period	11,800	5,270	5,260	5,310	5,300	XX
Prices (average cents per pound) ³						
Metals Week composite ⁴	565.12 ^r	908.08	936.61	927.90	990.27	XX
Metals Week New York dealer	329.69	692.50	708.50	698.94	747.83	XX
London, standard grade, cash	304.00	669.00	688.00	681.00	728.00	XX
Kuala Lumpur	397.69	662.29	686.22	678.64	727.48	XX

⁶Estimated. ^rRevised. XX Not applicable.

¹Data are rounded to no more than three significant digits, except prices.

²Includes tin recovered from alloys and tinplate. The detinning of tinplate (coated steel) yields only a small part of the total.

³Source: Platts Metals Week.

⁴The Metals Week composite price is a calculated formula, not a market price, that includes fixed and finance charges and a risk factor. It is normally substantially higher than other tin prices.

TABLE 2
METALS WEEK COMPOSITE PRICE¹

(Cents per pound)

Period	High	Low	Average
2006	589.35	526.32	565.12 ^r
2007:			
January	773.61	655.02	712.88
February	869.47	744.44	800.69
March	899.99	827.03	858.90
April	909.65	840.72	873.71
May	901.21	858.17	875.93
June	886.32	860.05	872.16
July	957.64	861.88	908.08
August	555.22	853.11	936.61
September	946.33	904.96	927.90
October	1,036.51	945.02	990.27

^rRevised.

¹The Metals Week composite price is a calculated formula, not a market price, that includes fixed and finance charges and a risk factor. It is normally substantially higher than other tin prices.

Source: Platts Metals Week.

TABLE 3
TINPLATE PRODUCTION AND SHIPMENTS IN THE UNITED STATES¹

(Metric tons, unless otherwise noted)

Period	Tinplate waste (waste, strips, cobble, etc.) (gross weight)	Tinplate (all forms)			Shipments ²
		Gross weight	Tin content	Tin per metric ton of plate (kilograms)	
2006 ^P	56,400	2,130,000	6,810	3.2	168,000
2007:					
January	2,920	157,000	508	3.5	150,000
February	2,920	133,000	508	3.9	127,000
March	2,620	136,000	564	4.1	143,000
April	2,320	176,000	548	3.1	144,000
May	2,780	161,000	591	3.7	NA
June	2,310	144,000	564	3.9	147,000
July	2,540	139,000	528	3.8	NA
August	2,690	150,000	638	4.2	158,000
September	2,780	129,000	569	4.4	145,000
October	2,670	164,000	557	3.4	156,000

^PPreliminary. NA Not available.

¹Data are rounded to no more than three significant digits.

²Source: American Iron and Steel Institute monthly publication.

TABLE 4
U.S. TIN IMPORTS FOR CONSUMPTION AND EXPORTS¹

(Metric tons)

Country or product	2007					January- October
	2006	July	August	September	October	
Imports:						
Metal (unwrought tin):						
Bolivia	8,160	650	110	60	885	3,420
Brazil	1,300	175	223	176	125	2,390
China	4,440	461	244	231	362	3,580
Hong Kong	99	--	--	--	--	--
Indonesia	4,600	515	525	--	20	1,660
Malaysia	245	--	--	--	--	14
Netherlands	--	--	--	--	--	100
Peru	21,600	801	2,320	1,900	1,080	16,000
Singapore	1,090	160	100	--	220	1,710
Thailand	210	--	--	--	--	15
United Kingdom	1,370	100	100	--	100	881
Other	159	2	2	--	15	298
Total	43,300	2,860	3,630	2,370	2,810	30,100
Other (gross weight):						
Alloys	6,280	166	154	199	117	1,770
Bars and rods	2,740	351	339	265	275	3,270
Foil, tubes, pipes	39	--	--	--	--	--
Plates, sheets, strip	287	--	--	--	--	--
Waste and scrap	2,490	430	283	264	1,780	5,180
Miscellaneous	3,460	319	340	376	325	3,150
Total	15,300	1,270	1,120	1,100	2,500	13,400
Exports (metal)	5,490	599	617	513	290	5,150

--Zero.

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

Source: U.S. Census Bureau.

TABLE 5
CONSUMPTION OF TIN IN THE UNITED STATES, BY FINISHED PRODUCT¹

(Metric tons of contained tin)

Product	2007						
	2006	July			August		
		Primary	Secondary	Total	Primary	Secondary	Total
Alloys (miscellaneous) ²	W	148	--	148	162	--	162
Babbitt	637	W	W	W	W	W	W
Bar tin and anodes	936	23	--	23	W	--	W
Bronze and brass	4,150	198	119	317	107	119	227
Chemicals	12,900	480	W	480	480	W	480
Collapsible tubes and foil	W	W	W	W	W	W	W
Solder	22,000	428	W	428	429	W	429
Tinning	868	25	W	25	30	--	30
Tinplate ³	8,220	528	W	528	638	W	638
Tin powder	W	W	--	W	W	--	W
White metal ⁴	W	W	--	W	W	--	W
Other	4,770	245	486	731	263	486	749
Total reported	54,500	2,080	605	2,680	2,110	606	2,710
Estimated undistributed consumption ⁵	--	600	300	900	900	450	1,350
Grand total	54,500	2,680	905	3,580	3,010	1,060	4,060

Product	2007						
	September			October			January- October
	Primary	Secondary	Total	Primary	Secondary	Total	
Alloys (miscellaneous) ²	157	--	157	199	--	199	1,550
Babbitt	W	W	W	W	W	W	W
Bar tin and anodes	W	--	W	W	--	W	231
Bronze and brass	109	136	245	105	128	233	2,250
Chemicals	W	W	W	479	W	479	5,940
Collapsible tubes and foil	W	W	W	W	W	W	W
Solder	417	W	417	400	W	400	4,900
Tinning	36	--	36	27	--	27	304
Tinplate ³	569	--	569	557	W	557	5,590
Tin powder	W	--	W	W	--	W	W
White metal ⁴	2	--	2	W	--	W	13
Other	646	485	1,130	281	491	772	6,060
Total reported	1,940	621	2,560	2,050	619	2,670	26,800
Estimated undistributed consumption ⁵	900	450	1,350	900	450	1,350	10,400
Grand total	2,840	1,070	3,910	2,950	1,070	4,020	37,200

W Withheld to avoid disclosing company proprietary data; included with "Other." -- Zero.

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

²Includes terre metal.

³Includes secondary pig tin and tin components of tinplating chemical solutions.

⁴Includes pewter, britannia metal, and jewelers' metal.

⁵Estimated consumption of plants reporting on an annual basis.