

Mineral Industry Surveys

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TIN IN JULY 2013

Domestic consumption of primary tin in July 2013 was estimated by the U.S. Geological Survey to be 2,490 metric tons (t), about a 3% increase from that in June 2013, and 13% more than that in July 2012. Consumption of primary tin for the first 7 months of 2013 was about 8% greater than in the same period of 2012. For the first 7 months of 2013, imports of refined tin were 22,800 t, a slight decrease from imports in the comparable

period of 2012. Peru, Bolivia, Indonesia, and Malaysia were, in descending order, the leading sources of refined tin imports in the first 7 months of 2013.

The Platts Metals Week average composite price of tin in July 2013 was \$11.94 per pound, a 3% decrease compared with \$12.36 per pound in June, and a 5% increase compared with \$11.34 per pound in July 2012.

TABLE 1
SALIENT TIN STATISTICS¹

(Metric tons, unless otherwise noted)

	2012 ^p	2013		
		June	July	January– July
Production, secondary ^{e, 2}	11,000	918	918	6,430
Consumption:				
Primary	27,300	2,420 ^r	2,490	17,200
Secondary	6,200	529	529	3,710
Imports for consumption, metal	36,900	2,880	3,250	22,800
Exports, metal	5,560	477	427	3,690
Stocks at end of period	6,470	6,660 ^r	6,630	6,630
Prices (average cents per pound): ³				
Metals Week composite ⁴	1,283.37	1,235.90	1,194.01	1,321.49
Metals Week New York dealer	989.60	957.94	920.06	1,050.76
London Metal Exchange, grade A, cash	957.26	919.04	888.29	1,000.62
Kuala Lumpur	958.44	922.24	887.70	998.77

^eEstimated. ^pPreliminary. ^rRevised.

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
2012	1,719.32	1,020.42	1,283.37
2013:			
January	1,515.09	1,438.85	1,485.79
February	1,506.82	1,405.01	1,471.11
March	1,448.13	1,375.21	1,412.80
April	1,393.02	1,238.56	1,318.70
May	1,293.89	1,210.20	1,261.58
June	1,279.40	1,191.82	1,235.90
July	1,223.65	1,173.38	1,194.01

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 production (strips, cobbles, etc.) (gross weight)	Tinplate (all forms)			
		Production		Tin per metric ton of plate (kilograms)	Shipments ² (gross weight)
		Gross weight	Tin content		
2012	16,300	922,000	6,020	6.5	1,620,000
2013:					
January	1,440	89,800	506	5.6	131,000
February	1,190	92,500	516	5.6	127,000
March	1,540	89,400	546	6.1	128,000
April	1,730	75,800	513	6.8	144,000
May	1,230	80,900	523	6.5	133,000
June	1,800	75,800	516	6.8	131,000
July	1,950	77,100	552	7.2	143,000

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	2012	2013		
		June	July	January– July
Imports:				
Metal (unwrought tin):				
Belgium	625	3	2	214
Bolivia	5,100	435	970	4,740
Brazil	2,930	248	264	1,890
China	174	124	--	1,250
Indonesia	6,180	405	455	3,890
Malaysia	4,590	874	425	2,120
Peru	14,500	763	1,020	6,580
Singapore	424	--	101	101
Thailand	1,750	25	--	2,030
Other	677	1	9	20
Total	36,900	2,880	3,250	22,800
Other (gross weight):				
Alloys	1,480	143	90	721
Bars and rods	1,800	104	131	917
Foil, tubes, pipes	83	4	3	46
Plates, sheets, strip	60	6	1	73
Waste and scrap	72,500	3,930	4,980	35,800
Miscellaneous	2,260	383	374	2,320
Total	78,200	4,570	5,580	39,900
Exports (metal)	5,560	477	427	3,690

-- 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	2013							
	2012 ^p	June			July			January– July
		Primary	Secondary	Total	Primary	Secondary	Total	
Alloys (miscellaneous) ²	7,130	661	4	665	664	4	668	4,660
Babbitt	328	17	W	17	17	W	17	628
Bronze and brass	2,090	87	82	169	83	82	165	1,210
Chemicals	2,600	243	W	243	273	W	273	1,780
Solder	1,980	219 ^r	W	219 ^r	218	W	218	2,030
Tinning	257	17	--	17	19	--	19	148
Tinplate ³	5,980	516	W	516	552	W	552	3,680
Other ⁴	2,320	60	145	205	60	145	205	454
Total reported	22,700	1,820 ^r	229	2,050 ^r	1,890	229	2,120	14,600
Estimated undistributed consumption ⁵	10,800	600	300	900	600	300	900	6,300
Grand total	33,500	2,420 ^r	529	2,950 ^r	2,490	529	3,020	20,900

^pPreliminary. ^rRevised. 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.

²Includesterne metal.

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

⁴Includes bar tin and anodes, collapsible tubes and foil, tinpowder, type metal and white metal.

⁵Estimated consumption of plants reporting on an annual basis.