

Mineral Industry Surveys

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TIN IN JULY 2014

Domestic reported consumption of primary tin in July 2014 was 1,970 metric tons (t), slightly less than in June 2014 and an increase of 5% from that of July 2013. Indonesia, Peru, Malaysia, Brazil and Bolivia, in descending order, were the leading sources of refined tin imports in July 2014.

The Platts Metals Week New York dealer Grade A price of tin for July 2014 was \$10.45 per pound, slightly lower than the June 2014 price of \$10.64 per pound, and an increase of 14% from the July 2013 average price of \$9.20 per pound. During July 2014, global London Metal Exchange Ltd. stocks of tin increased by 295 t to 11,780 t.

Revisions to the Indonesian export rule are slated to take effect on November 1, 2014. The revisions will set minimum purity standards for tin ingots at 99.9% pure, and a maximum level purity of 99.8% tin for solder. Currently, all tin ingots have to be traded through the Indonesia commodity and derivatives exchange (IDCX), but solder has an exception. To restrict exporters from claiming they are selling tin ingots as tin solder, avoiding trading on the IDCX, the government set the maximum

level purity of 99.8% pure tin for solders. Other standards are being set for labelling, packaging, size and shape of refined tin ingot and solder for export (ITRI Ltd. 2014).

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References Cited

ITRI Ltd., 2014, Revised Indonesian export rule to take effect on 1 November: Frogmore, United Kingdom, ITRI Ltd. news release, July 28. (Accessed September 23, 2014, at https://www.itri.co.uk/index.php?option=com_zoo&task=item&item_id=3057&category_id=3&Itemid=143.)

TABLE 1
SALIENT TIN STATISTICS¹

(Metric tons, unless otherwise noted)

	2014			
	2013 ^p	June	July	January– July
Production, secondary ^{e, 2}	11,200	931	931	6,520
Reported consumption:				
Primary	23,500	1,980 ^r	1,970	13,600
Secondary	2,700	232 ^r	232	1,640
Imports for consumption, unwrought tin	34,900	3,060	3,570	22,200
Exports, unwrought tin and tin alloys	5,870	441	573	3,970
Stocks at end of period	6,520	6,800 ^r	6,800	6,800
Prices (average cents per pound): ³				
Metals Week composite ⁴	1,352.43	NA	NA	NA
Metals Week New York dealer, Grade A	1,041.43	1,064.38	1,044.89	1,064.49
London Metal Exchange cash	1,001.92	1,032.72	1,014.89	1,035.60
Kuala Lumpur	1,011.85	1,035.47	1,018.88	1,033.43

^eEstimated. ^pPreliminary. ^rRevised. NA Not available.

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. Platts discontinued the Metals Week composite price on January 2, 2014.

TABLE 2
AVERAGE TIN PRICES

(Cents per pound)

Period	Metals Week composite ¹	Metals Week New York dealer, Grade A	London Metal Exchange cash	Kuala Lumpur
2013:				
July	1,194.01	920.06	888.29	887.70
August	1,308.88	1,011.50	980.68	976.98
September	1,374.22	1,058.56	1,031.43	1,027.11
October	1,402.22	1,070.72	1,048.85	1,052.03
November	1,384.10	1,060.69	1,036.31	1,037.61
December	1,379.80	1,065.07	1,035.27	1,031.88
January–December	1,352.43	1,041.43	1,001.92	1,011.85
2014:				
January	NA	1,027.50	1,000.86	998.14
February	NA	1,060.69	1,034.34	1,027.14
March	NA	1,072.33	1,047.45	1,044.18
April	NA	1,095.19	1,061.99	1,055.08
May	NA	1,086.44	1,056.98	1,055.14
June	NA	1,064.38	1,032.72	1,035.47
July	NA	1,044.89	1,014.89	1,018.88
January–July	NA	1,064.49	1,035.60	1,033.43

NA Not available.

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. Platts discontinued the Metals Week composite price on January 2, 2014.

Source: Platts Metals Daily.

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			
2013:						
July	2,350	89,600	532	5.9	130,000	
August	4,360	111,000	551	5.0	125,000	
September	1,370	102,000	523	5.1	111,000	
October	2,200	84,900	495	5.8	106,000	
November	653	87,200	505	5.8	86,400	
December	966	89,800	519	5.8	104,000	
January–December	20,800	1,090,000	6,030	5.5	1,380,000	
2014:						
January	888	71,700	428	6.0	109,000	
February	452	71,000	444	6.2	102,000	
March	348	92,300	495	5.4	114,000	
April	1,510	87,800	498	5.7	122,000	
May	2,330	92,500	502	5.4	132,000	
June	2,910	93,600	505	5.4	136,000	
July	2,910	88,200	478	5.4	127,000	
January–July	11,300	597,000	3,350	5.6	842,000	

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

²Source: American Iron and Steel Institute monthly publication.

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

(Metric tons)

Country or product	2013	2014		
		June	July	January– July ²
Imports:				
Metal (unwrought tin):				
Belgium	218	3	3	13
Bolivia	6,510	211	321	2,890
Brazil	3,100	101	467	1,480
China	1,610	418	263	2,040
Indonesia	5,560	1,190	1,060	5,310
Malaysia	4,190	250	565	4,120
Peru	11,300	892	814	6,140
Singapore	101	--	75	75
Thailand	2,380	--	--	--
Other	31	4	6	185
Total	34,900	3,060	3,570	22,200
Other (gross weight):				
Alloys	1,390	129	116	882
Bars and rods	1,590	146	207	1,150
Foil, tubes, pipes	85	2	36	64
Plates, sheets, strip	100	5	7	74
Waste and scrap	63,700	4,540	4,700	32,000
Miscellaneous ³	3,080	386	135	1,650
Exports (unwrought tin and tin alloys)	5,870	441	441	3,400

-- Zero.

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

²May include revisions to previously published data.

³Includes tin powders and flakes (HTS code 8007.00.3200) and other articles of tin not elsewhere specified or included (HTS code 8007.00.5000).

Source: U.S. Census Bureau.

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

(Metric tons of contained tin)

Product	2013 ^p	2014						
		June			July			January– July
		Primary	Secondary	Total	Primary	Secondary	Total	
Alloys (miscellaneous) ²	8,280	198	2	200	197	2	199	2,530
Babbitt	731	25	W	25	25	W	25	204
Bronze and brass	2,000	54 ^r	86 ^r	140 ^r	56	86	142	975
Chemicals	4,080	445	W	445	461	W	461	3,230
Solder	3,830	213	W	213	213	W	213	2,510
Tinning	238	39	--	39	40	--	40	240
Tinplate ³	6,250	505	W	505	478	W	478	3,350
Other ⁴	787	500	144	644	500	144	644	2,240
Total reported	26,200	1,980^r	232^r	2,210	1,970	232	2,200	15,300

^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.

²Includes terne metal.

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

⁴Includes britannia metal, collapsible tubes and foil, jewelers' metal, pewter, tin powder, type metal and white metal.