

# Mineral Industry Surveys

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## TIN IN JULY 2022

Domestic reported consumption of primary refined tin in July 2022 was 1,420 metric tons (t), a 6% decrease from that in June 2022 and July 2021. Year to date domestic reported consumption of primary refined tin was 10,600 t, a 3% decrease compared with that of the same period of 2021. Apparent consumption of refined tin in July 2022 was 3,430 t, a 22% increase from that in June 2022 and a 4% increase from that in July 2021. Year to date apparent consumption of refined tin was 26,500 t, a 6% increase from that in the same period of 2021 (table 1).

**Prices**

The S&P Global Platts Metals Week average New York dealer price of Grade A tin for July 2022 was \$13.06 per pound, a 16% decrease from that in June 2022, and an 18% decrease from that in July 2021. The average London Metal Exchange (LME) cash price of Grade A tin for July 2022 was \$11.41 per pound, a 21% decrease from that in June 2022, and a 26% decrease from that in July 2021 (fig. 1, table 2).

21,400 t, a 9% increase from those in the same period of 2021. Year to date leading sources of refined tin were Bolivia (33%), Peru (25%), Indonesia (19%), and Brazil (12%). Total refined tin exports in July 2022 were 100 t, a decrease of 44 t from those in June 2022 and an increase of 4 t from those in July 2021. Year to date refined tin exports were 881 t, an increase of 111 t from those in the same period of 2021 (table 4).

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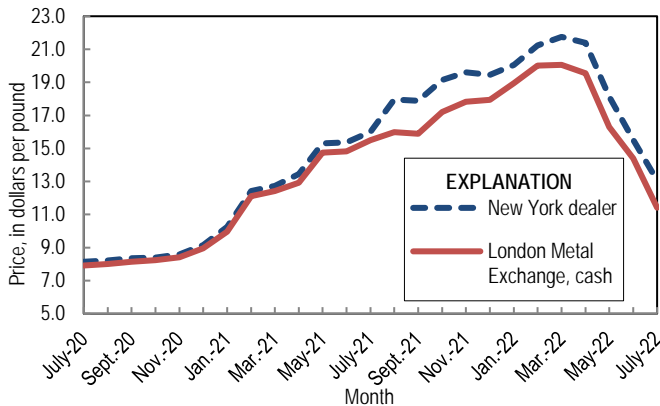


Figure 1. Average monthly prices for Grade A tin from July 2020 through July 2022. Source: S&P Global Platts Metals Week.

**U.S. Trade**

Total refined tin imports in July 2022 were 2,670 t, a 27% increase from those in June 2022 and a 5% increase from those in July 2021. The leading sources of refined tin in July 2022 were Bolivia (38%), Peru (29%), Brazil (11%), Indonesia (10%), and Malaysia (5%). Year to date refined tin imports were

TABLE 1  
SALIENT TIN STATISTICS<sup>1</sup>

(Metric tons, unless otherwise noted)

	2022			
	2021 <sup>P</sup>	June	July	January– July <sup>2</sup>
Production, secondary <sup>e,3</sup>	10,300	858	858	6,010
Consumption, reported:				
Primary	18,400	1,520	1,420	10,600
Secondary	680	24	18	148
Consumption, apparent <sup>4</sup>	47,100	2,810	3,430	26,500
Imports for consumption, refined tin	38,100	2,100	2,670	21,400
Exports, refined tin	1,290	144	100	881
Stocks at end of period	5,050 <sup>r</sup>	4,770	4,690	4,690
Prices (average cents per pound): <sup>5</sup>				
Metals Week New York dealer, Grade A	1,580.06	1,552.75	1,305.75	1,873.42
London Metal Exchange cash	1,478.14	1,440.15	1,140.64	1,723.81

<sup>e</sup>Estimated. <sup>r</sup>Revised. <sup>P</sup>Preliminary.

<sup>1</sup>Data are rounded to no more than three significant digits, except prices.

<sup>2</sup>May include revisions to previous published data.

<sup>3</sup>Includes tin recovered from alloys and tinplate. The detinning of tinplate (coated steel) yields only a small part of the total.

<sup>4</sup>Defined as secondary production plus imports minus exports.

<sup>5</sup>Source: S&P Global Platts Metals Week.

TABLE 2  
AVERAGE TIN PRICES

(Cents per pound)

Period	Metals Week New York dealer, Grade A	London Metal Exchange cash
2021:		
July	1,601.22	1,550.51
August	1,796.78	1,599.03
September	1,788.22	1,589.13
October	1,914.25	1,721.01
November	1,961.25	1,782.94
December	1,944.29	1,794.01
January–December	1,580.06	1,478.14
2022:		
January	2,004.89	1,895.55
February	2,123.63	2,000.53
March	2,175.11	2,005.83
April	2,139.00	1,954.97
May	1,812.78	1,629.00
June	1,552.75	1,440.15
July	1,305.75	1,140.64
January–July	1,873.42	1,723.81

Source: S&P Global Platts Metals Week.

TABLE 3  
TINPLATE PRODUCTION AND SHIPMENTS IN THE UNITED STATES<sup>1</sup>

(Metric tons, unless otherwise noted)

Period	Tinplate (all forms)			
	Production			Shipments <sup>2</sup> (gross weight)
	Gross weight	Tin content	Tin per metric ton of plate (kilograms)	
2021:				
July	39,700	449	11.3	87,200
August	37,900	440	11.6	90,700
September	36,300	433	11.9	90,900
October	40,800	457	11.2	95,000
November	30,700	416	13.5	96,100
December	39,300	440	11.2	109,000
January–December	470,000	5,350	11.4	1,070,000
2022:				
January	37,100	439	11.8	72,400
February	33,600	416	12.4	72,900
March	41,000	443	10.8	76,300
April	40,300	380	9.4	85,900
May	44,900	449	10.0	86,100
June	42,400	443	10.4	88,100
July	42,100	443	10.5	71,100
January–July	281,000	3,010	10.8	553,000

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

<sup>2</sup>Source: American Iron and Steel Institute monthly publication.

TABLE 4  
U.S. TIN IMPORTS FOR CONSUMPTION AND EXPORTS<sup>1</sup>

(Metric tons, gross weight)

Country/locality, or product	2022			
	2021 <sup>p</sup>	June	July	January- July <sup>2</sup>
<b>Imports:</b>				
<b>Refined tin:</b>				
Belgium	323	15	23	202
Bolivia	6,830	727	1,030	7,080
Brazil	3,470	297	300	2,540
China	1,560	--	--	(3)
Indonesia	8,410	136	270	3,970
Malaysia	3,870	75	130	808
Peru	11,400	603	769	5,430
Poland	1,290	157	67	783
Thailand	287	25	20	180
Other	684	64	66	404
<b>Total</b>	<b>38,100</b>	<b>2,100</b>	<b>2,670</b>	<b>21,400</b>
<b>Other:</b>				
Alloys	1,110	72	88	434
Bars, rods, profiles, and wire	1,770	169	94	896
Flakes and powders	300	28	14	257
Foil	110	(3)	8	29
Plates, sheets, strip	38	(3)	2	3
Tubes, pipes, and tube and pipe fittings	38	--	12	14
Waste and scrap	18,600	1,370	908	6,900
Miscellaneous <sup>4</sup>	1,560	242	165	1,390
<b>Exports:</b>				
Refined tin	1,290	144	100	881
Alloys	630	105	18	257

<sup>p</sup>Preliminary. -- Zero.

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

<sup>2</sup>May include revisions to previous published data.

<sup>3</sup>Less than ½ unit.

<sup>4</sup>Includes 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 PRODUCT<sup>1</sup>

(Metric tons of contained tin)

Product	2022							
	2021 <sup>p</sup>	June			July			January– July <sup>2</sup>
		Primary	Secondary	Total	Primary	Secondary	Total	
Alloys (miscellaneous) <sup>3</sup>	1,910	158	--	158	154	--	154	1,090
Babbitt	96	7	W	7	7	W	7	52
Bronze and brass	936	49	15	64	44	9	53	465
Chemicals	3,140	253	--	253	162	--	162	1,680
Solder	1,650	116	W	116	116	W	116	873
Tinning	235	19	--	19	19	--	19	136
Tinplate <sup>4</sup>	5,370	443	W	443	443	W	443	3,010
Other <sup>5</sup>	5,760	473	10	483	479	9	488	3,410
Total reported	19,100	1,520	24	1,540	1,420	18	1,440	10,700

<sup>p</sup>Preliminary. W Withheld to avoid disclosing company proprietary data; included with "Other." -- Zero.

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

<sup>2</sup>May include revisions to previous published data.

<sup>3</sup>Includes terre metal.

<sup>4</sup>Includes secondary pig tin and tin components of tinplating chemical solutions.

<sup>5</sup>Includes bar tin and anodes, britannia metal, collapsible tubes and foil, jewelers' metal, pewter, tin powder, type metal, and white metal.