

# Mineral Industry Surveys

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## TIN IN JUNE 2020

Domestic reported consumption of primary refined tin in June 2020 was 1,730 metric tons (t), essentially unchanged from that in May 2020, and a slight decrease from that in June 2019. For the first half of 2020, domestic reported consumption of primary refined tin was 10,400 t, 8% less than that of the first half of 2019. Apparent consumption of refined tin in June 2020 was 2,620 t, a 26% decrease from that revised upwardly in May 2020, and a 7% decrease from that in June 2019. For the first half of 2020, apparent consumption of refined tin was 23,100 t, essentially unchanged from that of the first half of 2019 (table 1).

**Prices**

The Platts Metals Week average New York dealer price of Grade A tin for June 2020 was \$7.83 per pound, a 9% increase from that in May 2020, and a 12% decrease from that in June 2019. For the first half of 2020, the average New York dealer price of Grade A tin was \$7.50 per pound, a 22% decrease from the average price in the first half of 2019. The average London Metal Exchange cash price of Grade A tin for June 2020 was \$7.62 per pound, a 9% increase from May 2020, and a 12% decrease from that in June 2019. For the first half of 2020, London Metal Exchange cash price of Grade A tin was \$7.26 per pound, a 22% decrease from that in the first half of 2019 (fig. 1, table 2).

**U.S. Trade**

Total refined tin imports in June 2020 were 1,790 t, a 34% decrease from May 2020, and a 16% decrease from those in

June 2019 (table 4). The leading sources of refined tin in June 2020 were Indonesia (32%), Peru (22%), Bolivia (20%), Malaysia (11%), and Brazil (9%). For the first half of 2020, refined tin imports were 18,200 t, a 3% decrease from those in the first half of 2019.

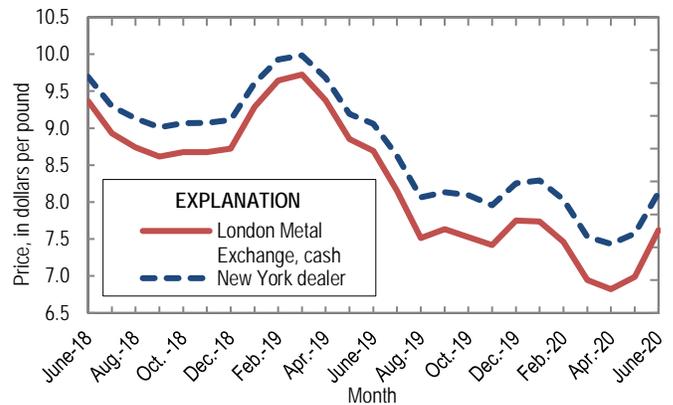


Figure 1. Average monthly prices for Grade A tin from June 2018 through June 2020. Source: Platts Metals Week.

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

(Metric tons, unless otherwise noted)

	2019 <sup>p</sup>	2020		
		May	June	January– June <sup>2</sup>
Production, secondary <sup>e,3</sup>	8,940	858	858	5,150
Consumption, reported:				
Primary	20,100	1,730	1,730	10,400
Secondary	2,330	195	191	1,180
Consumption, apparent <sup>4</sup>	41,800	3,560 <sup>r</sup>	2,620	23,100
Imports for consumption, refined tin	34,100	2,720 <sup>r</sup>	1,790	18,200
Exports, refined tin	1,300	19	29	234
Stocks at end of period	5,940	5,090	5,080	5,080
Prices (average cents per pound): <sup>5</sup>				
Metals Week New York dealer, Grade A	868.00	720.75	783.22	749.84
London Metal Exchange cash	846.43	698.92	762.32	726.34

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

<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: Platts Metals Week.

TABLE 2  
AVERAGE TIN PRICES

(Cents per pound)

Period	Metals Week New York dealer, Grade A	London Metal Exchange cash
2019:		
June	888.00	869.23
July	839.50	815.61
August	775.89	751.48
September	783.67	763.33
October	779.56	752.58
November	763.86	742.06
December	797.13	774.85
January–December	868.00	846.43
2020:		
January	801.56	773.91
February	772.63	746.03
March	715.78	694.68
April	705.11	682.17
May	720.75	698.92
June	783.22	762.32
January–June	749.84	726.34

Source: 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)	
2019: <sup>p</sup>				
June	47,200	413	8.7	75,500
July	37,100	384	10.3	75,500
August	40,200	405	10.1	78,800
September	22,400	362	16.1	73,000
October	25,800	381	14.7	79,100
November	20,800	377	11.6	59,300
December	38,100	371	9.7	61,400
January–December	437,000	4,690	10.7	890,000
2020:				
January	40,800	453	11.1	72,900
February	39,900	440	11.0	70,500
March	40,100	450	11.2	98,000
April	48,000	477	9.9	94,400
May	47,600	470	9.9	94,500
June	47,500	478	10.1	108,000
January–June	264,000	2,770	10.5	538,000

<sup>p</sup>Preliminary.

<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	2019 <sup>p</sup>	2020		January– June <sup>2</sup>
		May	June	
<b>Imports:</b>				
<b>Refined tin:</b>				
Belgium	327	22	42	228
Bolivia	5,940	801	--	3,720
Brazil	3,020	151	152	1,580
Indonesia	5,230	1,280 <sup>r</sup>	871	5,760
Malaysia	7,120	175	101	2,080
Peru	7,930	125	505	4,020
Poland	1,080	89	112	627
Thailand	600	25	--	128
Other	2,910	50	3	54
<b>Total</b>	<b>34,100</b>	<b>2,720<sup>r</sup></b>	<b>1,790</b>	<b>18,200</b>
<b>Other:</b>				
Alloys	1,020	36	79	351
Bars, rods, profiles, and wire	1,450	77	79	512
Flakes and powders	117	21	11	74
Foil	56	12	1	21
Plates, sheets, strip	58	--	5	23
Tubes, pipes, and tube and pipe fittings	196	--	3	5
Waste and scrap	30,400	1,180	1,050	10,800
Miscellaneous <sup>3</sup>	970	131 <sup>r</sup>	84	579
<b>Exports:</b>				
Refined tin	1,300	19	29	234
Alloys	1,200	47	99	421

<sup>p</sup>Preliminary. <sup>r</sup>Revised. -- 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 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	2020							
	2019 <sup>p</sup>	May			June			January- June <sup>2</sup>
		Primary	Secondary	Total	Primary	Secondary	Total	
Alloys (miscellaneous) <sup>3</sup>	2,330	207	--	207	207	--	207	1,240
Babbitt	218	8	--	8	10	--	10	52
Bronze and brass	1,660	56	78	134	56	74	130	818
Chemicals	3,980	323	W	323	324	W	324	2,030
Solder	3,440	169	W	169	156	W	156	1,000
Tinning	277	19	--	19	19	--	19	114
Tinplate <sup>4</sup>	4,710	470	W	470	478	W	478	2,770
Other <sup>5</sup>	5,800	477	117	594	477	117	594	3,570
Total reported	22,400	1,730	195	1,920	1,730	191	1,920	11,600

<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 terne metal.

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

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