

Mineral Industry Surveys

For information, contact:

Adam Merrill, Tin Commodity Specialist
National Minerals Information Center
Telephone: (703) 648-7715
Email: amerrill@usgs.gov

Sidney Deloach-Overton (Data)

Telephone: (703) 648-4927

Email: sdeloach-overton@usgs.gov

Internet: <https://www.usgs.gov/centers/national-minerals-information-center/mineral-industry-surveys>

TIN IN JUNE 2022

Domestic reported consumption of primary refined tin in June 2022 was 1,520 metric tons (t), essentially unchanged from that in May 2022 and a 4% increase from that in June 2021. Midyear domestic reported consumption of primary refined tin was 9,150 t, a slight decrease compared with that of the same period of 2021. Apparent consumption of refined tin in June 2022 was 2,810 t, a 30% decrease from that in May 2022 and a 14% decrease from that in June 2021. Midyear apparent consumption of refined tin was 23,100 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 June 2022 was \$15.53 per pound, a 14% decrease from that in May 2022, and essentially unchanged from that in June 2021. The average London Metal Exchange (LME) cash price of Grade A tin for June 2022 was \$14.40 per pound, a 12% decrease from that in May 2022, and a 3% decrease from that in June 2021 (fig. 1, table 2).

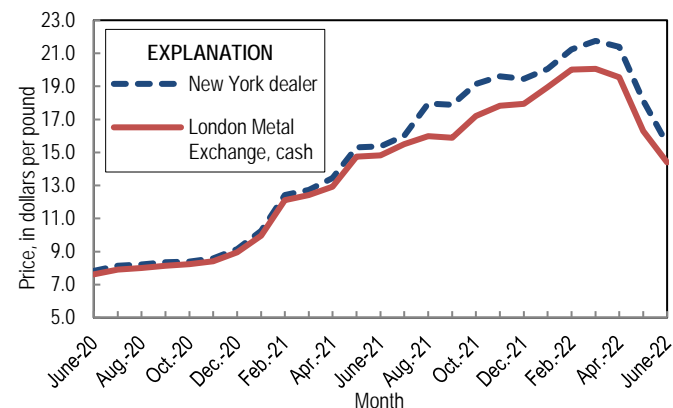


Figure 1. Average monthly prices for Grade A tin from June 2020 through June 2022. Source: S&P Global Platts Metals Week.

U.S. Trade

Total refined tin imports in June 2022 were 2,100 t, a 38% decrease from those in May 2022 and a 15% decrease from those in June 2021. The leading sources of refined tin in June 2022 were Bolivia (35%), Peru (29%), Brazil (14%), Poland (7%), and Indonesia (6%). Midyear refined tin imports were

18,700 t, a 10% increase from those in the same period of 2021. Midyear leading sources of refined tin were Bolivia (32%), Peru (25%), Indonesia (20%), and Brazil (12%). Total refined tin exports in June 2022 were 144 t, a decrease of 73 t from those in May 2022 and an increase of 75 t from those in June 2021. Midyear refined tin exports were 781 t, an increase of 107 t from those in the same period of 2021 (table 4).

News

On June 17, Aurubis AG broke ground on a secondary smelter for complex recyclable materials in Richmond County, Georgia. The facility will have the capacity to process up to 90,000 tons per year of recyclables and will recover multiple metals, including tin. The facility is expected to begin operations in the first half of 2024, costing approximately \$320 million to construct (Aurubis AG, 2022).

Reference Cited

Aurubis AG, 2022, Aurubis AG starts construction of a €300 million (approx. \$320 million) multimetal recycling plant in Augusta, Georgia: Hamburg, Germany, Aurubis AG press release, June 17. (Accessed September 1, 2022, at <https://aurubis.com/en/media/press-releases/press-releases-2022/aurubis-ag-starts-construction-of-a-300-million-multimetal-recycling-plant-in-august-georgia>.)

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TABLE 1
SALIENT TIN STATISTICS¹

(Metric tons, unless otherwise noted)

	2022			
	2021 ^P	May	June	January– June ²
Production, secondary ^{e,3}	10,300	858	858	5,150
Consumption, reported:				
Primary	18,400	1,530	1,520	9,150
Secondary	680	26	24	130
Consumption, apparent ⁴	47,100	4,010	2,810	23,100
Imports for consumption, refined tin	38,100	3,370	2,100	18,700
Exports, refined tin	1,290	217	144	781
Stocks at end of period	4,550	4,710	4,770	4,770
Prices (average cents per pound): ⁵				
Metals Week New York dealer, Grade A	1,580.06	1,812.78	1,552.75	1,968.03
London Metal Exchange cash	1,478.14	1,629.00	1,440.15	1,821.01

^eEstimated. ^PPreliminary.

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

²May include revisions to previous published data.

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

⁴Defined as secondary production plus imports minus exports.

⁵Source: 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:		
June	1,536.78	1,482.24
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
January–June	1,968.03	1,821.01

Source: S&P Global Platts Metals Week.

TABLE 3
TINPLATE PRODUCTION AND SHIPMENTS IN THE UNITED STATES¹

(Metric tons, unless otherwise noted)

Period	Tinplate (all forms)			
	Production			Shipments ² (gross weight)
	Gross weight	Tin content	Tin per metric ton of plate (kilograms)	
2021:				
June	40,000	448	11.2	80,800
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
January–June	239,000	2,570	10.8	482,000

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, gross weight)

Country/locality, or product	2022			
	2021 ^P	May	June	January- June ²
Imports:				
Refined tin:				
Belgium	323	39	15	179
Bolivia	6,830	1,820	727	6,060
Brazil	3,470	176	297	2,240
China	1,560	(3)	--	(3)
Indonesia	8,410	566	136	3,700
Malaysia	3,870	10	75	678
Peru	11,400	604	603	4,660
Poland	1,290	112	157	716
Thailand	287	--	25	160
Other	684	45	64	338
Total	38,100	3,370	2,100	18,700
Other:				
Alloys	1,110	45	72	346
Bars, rods, profiles, and wire	1,770	95	169	802
Flakes and powders	300	56	28	243
Foil	110	16	(3)	21
Plates, sheets, strip	38	(3)	(3)	1
Tubes, pipes, and tube and pipe fittings	38	1	--	2
Waste and scrap	18,600	1,090	1,370	5,990
Miscellaneous ⁴	1,560	99	242	1,230
Exports:				
Refined tin	1,290	217	144	781
Alloys	630	37	105	239

^PPreliminary. -- Zero.

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

²May include revisions to previous published data.

³Less than ½ unit.

⁴Includes 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	2022							
	2021 ^P	May			June			January- June ²
		Primary	Secondary	Total	Primary	Secondary	Total	
Alloys (miscellaneous) ³	1,910	155	--	155	158	--	158	939
Babbitt	96	7	W	7	7	W	7	44
Bronze and brass	936	55	14	69	49	15	64	411
Chemicals	3,140	253	--	253	253	--	253	1,520
Solder	1,650	116	W	116	116	W	116	757
Tinning	235	19	--	19	19	--	19	117
Tinplate ⁴	5,370	449	W	449	443	W	443	2,570
Other ⁵	5,760	479	12	491	473	10	483	2,920
Total reported	19,100	1,530	26	1,560	1,520	24	1,540	9,280

^PPreliminary. 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.

²May include revisions to previous published data.

³Includes terre metal.

⁴Includes secondary pig tin and tin components of tinplating chemical solutions.

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