



OCTOBER 2022 | VOLUME 33 NO. 10

OCTOBER TIN MARKET REVIEW

Kuala Lumpur Tin Market (KLTM)

With the continuing absence of refined tin metal being offered for sale on the KLTM during the month, no trading occurred; thus the local physical tin market again remained quiet in October.

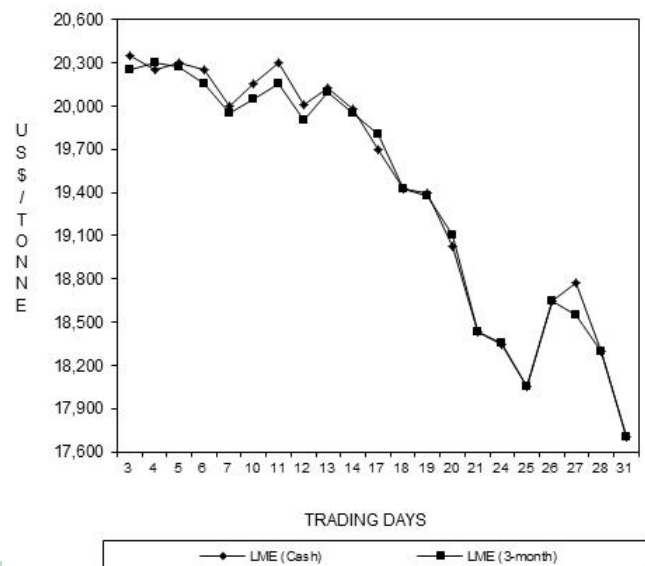
London Metal Exchange (LME)

Influenced largely by weak demand, tin trading on the LME during the month of October was mostly on a downward momentum, and conducted within a wide price range of almost US\$3,000 per tonne. Trading was much weaker than that recorded during the September trading month, and again followed the same trading pattern as the other base metals traded on the Exchange.

The October average LME cash tin price was US\$19,406 per tonne while the average 3-month tin price was US\$19,373 per tonne.

The market opened the October trading month at US\$20,345 per tonne for cash tin and US\$20,250 per tonne for 3-month tin, with the former being its highest price level for the month. It inched-up the next day to record its highest price level for 3-month tin at US\$20,300 per tonne on 4th

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October. Thereafter, it softened to end the first trading week lower.

Strong demand boosted the tin price during the first two days of the second trading week with a technical correction checking the upward momentum during mid-week. It rebounded before easing at end of the trading week.

The down trend continued throughout the third trading week. Sellers dominated the market with prices being in-line with those of the other base metals traded on the Exchange.

The tin price slid during the earlier days of the fourth trading week before a technical correction lifted the tin price during mid-week. Thereafter, it fell and ended the trading week lower.

The decline continued at the opening of the final trading week to record the month's closing and the lowest price level at US\$17,700 per tonne for both cash and 3-month tin. It was the only trading day of the short final trading week.

NEWS ROUND-UP

Alphamin Remained Profitable despite Lower Tin Prices and Production

Alphamin Resources achieved a strong profit margin despite falling tin prices and slightly lower production during the third quarter of 2022.

The company's Mpama North mine produced some 3,139 tonnes of tin-in-concentrate during the third quarter of 2022. Alphamin processed the same volume of slightly higher grade material during the quarter, but achieved lower recoveries. Overall, tin production declined by just 1 per cent compared to the second quarter.

The company, however, decided to sell slightly less material than normal at only 3,080 tonnes of tin-in-concentrate, a decline of 5 per cent, quarter-on-quarter, thus increasing its on-site tin-in-concentrate stockpile by some 50 tonnes.

Tin prices have fallen sharply from their March 2022 high of US\$50,050 per tonne. During the third quarter of 2022, LME Settlement price averaged just US\$23,660 per tonne, a drop of almost 53 per cent from the peak.

Alphamin managed to achieve an average selling price of US\$22,011 per tonne, despite the significantly lower LME benchmark. This was a, quarter-on-quarter, decline of 38 per cent, roughly in line with the fall in the exchange price of minus 36 per cent.

Although Alphamin's average selling price did fall, quarter-on-quarter, so did its operating costs. All-in Sustaining Costs (AISC) were US\$13,200 per tonne for the quarter, a decline of 10 per cent compared to the second quarter. According to the company, the lower tin prices reduced variable off-site costs such as marketing fees, royalties, export duties, and smelter payables.

Elementos Discovered High-grade Tin Zones at Oropesa

Elementos's latest drill assays from Oropesa, its flagship tin project in Spain, intersected exceptionally high-grade tin zones. It was a nine-hole infill drill programme which began in June this year. The findings give the company further confidence that it can continue to upgrade its Resource at the project.

The latest drill assays were from a further four holes after the result of the earlier two holes were previously released. Holes ADD_30 and ADD_32, on the eastern side of the inferred resource, "showed some of the highest grade tin zones yet drilled across the project". Hole ADD_30 recorded 6m at 2.59 per cent Sn, with hole ADD_32 recording a thicker 17.5m at 1.06 per cent Sn. Not only are these intercepts much higher than the updated Mineral Resource grade of 0.4 per cent Sn and the global average tin grade of 0.9 per cent Sn, but both holes also reported notable intercepts of copper and zinc.

The other two holes included in this release, ADD_26 and ADD_27, were located to the west of the inferred resource. Similar grades to the previously drilled holes were reported. More importantly, mineralisation occurred in line with the existing geological model.

Three more drill holes remain in this campaign, all of which will target the south-east Inferred Resource zone. Once completed, Elementos will begin a new campaign to test possible extensions to the mineral resource, with the four targets identified based on recent work.

(Source: International Tin Association Ltd. UK)

KLTM & LME TIN PRICES

Period	KLTM				LME	
	Average Price * (US\$/Tonne)	Exchange Rates	Average Daily Turnover (Tonnes)	Total Turnover (Tonnes)	Cash (US\$/Tonne)	3-Month (US\$/Tonne)
2016	17,528		47	11,568	17,982	17,889
2017	20,029		37	8,890	20,098	19,994
2018	20,151		37	9,075	20,168	20,086
2019	19,168		26	6,445	18,671	18,610
2020	17,504		19	4,088	17,134	17,079
2021	26,589		16	1,955	32,584	31,105
2019	Jan.		34	719	20,480	20,372
	Feb.		37	628	21,268	21,172
	Mar.		50	1,046	21,444	21,359
	Apr.		38	833	20,684	20,560
	May		19	388	19,531	19,326
	Jun.		19	344	19,177	19,076
	Jul.		19	416	17,991	17,983
	Aug.		20	422	16,577	16,567
	Sep.		22	392	16,840	16,834
	Oct.		21	464	16,603	16,627
	Nov.		20	417	16,369	16,386
	Dec.		18	376	17,093	17,063
2020	Jan.		19	406	17,056	17,057
	Feb.		18	354	16,457	16,456
	Mar.		20	236	15,321	15,307
	Apr.	C L O S E D			15,039	14,949
	May		17	268	15,410	15,231
	Jun.		18	374	16,806	16,627
	Jul.		16	358	17,452	17,375
	Aug.		18	343	17,672	17,649
	Sep.		21	444	17,946	17,962
	Oct.		18	383	18,154	18,152
	Nov.		20	413	18,568	18,539
	Dec.		23	509	19,727	19,643
2021	Jan.		17	314	21,955	21,596
	Feb.		25	456	26,717	24,415
	Mar.		21	494	27,396	25,079
	Apr.		16	327	28,427	26,568
	May		17	298	32,524	29,736
	Jun.		12	61	32,678	30,829
	Jul.	C L O S E D			34,183	33,010
	Aug.	C L O S E D			35,205	34,352
	Sep.	C L O S E D			35,048	34,109
	Oct.	C L O S E D			37,962	36,567
	Nov.	C L O S E D			39,333	38,042
	Dec.		5	5	39,574	38,956
2022	Jan.		5	21	41,807	41,344
	Feb.				44,118	43,820
	Mar.	NO TRANSACTION			44,249	43,917
	Apr.	NO TRANSACTION			43,122	42,644
	May	NO TRANSACTION			35,945	35,617
	Jun.	NO TRANSACTION			31,777	31,459
	Jul.	NO TRANSACTION			25,173	24,816
	Aug.	NO TRANSACTION			24,520	24,276
	Sep.	NO TRANSACTION			21,258	21,150
	Oct.	NO TRANSACTION			19,406	19,373
2022	3	NO TRANSACTION			20,345	20,250
	Oct. 4	NO TRANSACTION			20,255	20,300
	5	NO TRANSACTION			20,305	20,275
	6	NO TRANSACTION			20,250	20,150
	7	NO TRANSACTION			20,000	19,950
	10	C L O S E D			20,155	20,050
	11	NO TRANSACTION			20,300	20,150
	12	NO TRANSACTION			20,005	19,905
	13	NO TRANSACTION			20,125	20,100
	14	NO TRANSACTION			19,975	19,950
	17	NO TRANSACTION			19,700	19,800
	18	NO TRANSACTION			19,425	19,425
	19	NO TRANSACTION			19,400	19,375
	20	NO TRANSACTION			19,025	19,100
	21	NO TRANSACTION			18,435	18,435
	24	C L O S E D			18,350	18,355
	25	NO TRANSACTION			18,055	18,055
	26	NO TRANSACTION			18,650	18,650
	27	NO TRANSACTION			18,775	18,550
	28	NO TRANSACTION			18,300	18,300
	31	NO TRANSACTION			17,700	17,700

Sources : The Kuala Lumpur Tin Market
London Metal Exchange

Note : As from 1 February 2001, KLTM price is quoted in U.S. Dollar

* KLTM's monthly average price is arrived at on a weighted average against total tonnage basis.

WORLD REFINED TIN STOCKS (Tonnes)

Period	LME Stock	COUNTRY STOCKS							Total Country Stocks	Total Commercial Stocks	US Strategic Stockpile
		Germany	U.K	Indonesia*	Japan	Malaysia*	Brazil*	U.S.A			
2016	3,800	2,129	955	3,976*	1,400	356*	3,600*	6,220	18,600	24,800	4,020
2017	2,235	2,130	955	3,870	1,360	600*	3,600*	6,730	19,245	26,395	4,020
2018	2,165	2,130	955	2587*	1,469	439*	3600*	5,610	16,790	27,226	4,020
2019	7,130	2,130	955	8600*	1,806	400*	3600*	5,920	23,217	35,678	4,020
2020	1,890	2,130	955	8600*	1,473	271*	3600*	5,100	22,129	29,464	4,020
2021	2,045	2,130	955	8600*	1,545	377*	3600*	4,530	21,737	25,142	4,020
2019											
Jan.	1,845	2,130	955	2587*	1,578	439*	3600*	5,150	16,439	26,524	4,020
Feb.	1,325	2,130	955	2587*	1,578	439*	3600*	5,150	16,552	26,111	4,020
Mar.	950	2,130	955	8594*	1,765	439*	3600*	4,850	22,333	31,458	4,020
Apr.	890	2,130	955	8594*	1,834	439*	3600*	5,580	23,132	31,451	4,020
May.	2,810	2,130	955	8600*	1,849	439*	3600*	5,510	23,083	34,096	4,020
Jun.	6,045	2,130	955	8600*	2,520	209*	3600*	5,510	23,524	37,961	4,020
Jul.	4,640	2,130	955	8600*	2,520	209*	3600*	5,510	23,524	34,583	4,020
Aug.	6,830	2,130	955	8600*	2,445	209*	3600*	5,510	23,449	35,355	4,020
Sep.	6,620	2,130	955	8600*	2,013	919*	3600*	5,510	23,017	34,215	4,020
Oct.	6,020	2,130	955	8600*	2,100	400*	3600*	5,510	23,104	33,684	4,020
Nov.	6,235	2,130	955	8600*	2,022	400*	3600*	5,510	23,217	33,116	4,020
Dec.	7,130	2,130	955	8600*	1,806	400*	3600*	5,920	23,217	35,678	4,020
2020											
Jan.	6,630	2,130	955	8600*	2,041	400*	3600*	4,780	22,546	36,171	4,020
Feb.	7,440	2,130	955	8600*	1,966	400*	3600*	4,780	22,431	36,261	4,020
Mar.	6,205	2,130	955	8600*	1,966	268*	3600*	4,780	22,211	32,855	4,020
Apr.	5,375	2,130	955	8600*	1,761	268*	3600*	4,780	22,094	31,171	4,020
May.	2,455	2,130	955	8600*	1,850	268*	3600*	5,090	22,183	28,129	4,020
Jun.	4,230	2,130	955	8600*	1,697	268*	3600*	5,080	22,330	29,666	4,020
Jul.	3,675	2,130	955	8600*	1,645	268*	3600*	5,070	22,268	29,226	4,020
Aug.	5,040	2,130	955	8600*	1,520	268*	3600*	5,080	22,143	30,811	4,020
Sep.	5,550	2,130	955	8600*	1,663	432*	3600*	5,100	22,480	31,518	4,020
Oct.	4,533	2,130	955	8600*	1,621	432*	3600*	5,060	22,398	31,119	4,020
Nov.	3,805	2,130	955	8600*	1,473	432*	3600*	5,100	22,290	31,100	4,020
Dec.	1,890	2,130	955	8600*	1,473	271*	3600*	5,100	22,129	29,464	4,020
2021											
Jan.	820	2,130	955	8600*	1,570	271*	3600*	5,240	22,366	29,477	4,020
Feb.	1,745	2,130	955	8600*	1,578	271*	3600*	5,910	23,044	33,151	4,020
Mar.	1,740	2,130	955	8600*	1,573	181*	3600*	4,540	21,579	31,734	4,020
Apr.	1,245	2,130	955	8600*	1,573	181*	3600*	4,550	21,589	30,572	4,020
May	755	2,130	955	8600*	1,573	181*	3600*	4,550	21,589	28,232	4,020
Jun.	2,015	2,130	955	8600*	1,573	181*	3600*	4,500	21,539	27,012	4,020
Jul.	2,290	2,130	955	8600*	1,573	181*	3600*	4,460	21,499	26,954	4,020
Aug.	1,395	2,130	955	8600*	1,581	181*	3600*	4,440	21,487	24,199	4,020
Sep.	1,235	2,130	955	8600*	1,518	265*	3600*	4,440	21,508	24,344	4,020
Oct.	670	2,130	955	8600*	1,518	265*	3600*	4,510	21,508	23,287	4,020
Nov.	1,285	2,130	955	8600*	1,548	265*	3600*	4,530	21,508	24,894	4,020
Dec.	2,045	2,130	955	8600*	1,545	377*	3600*	4,530	21,737	25,142	4,020
2022											
Jan.	2,390	2,130	955	8600*	1,545	181*	3600*	5,040	22,051	27,505	4,020
Feb.	2,245	2,130	955	8600*	1,550	181*	3600*	5,060	22,076	27,342	4,020
Mar.	2,000	2,130	955	8600*	1,535	181*	3600*	4,940	21,941	26,552	4,020
Apr.	2,010	2,130	955	8600*	1,551	681*	3600*	4,750	22,267	26,222	4,020
May	1,990	2,130	955	8600*	1,572	681*	3600*	4,710	22,248	26,496	4,020
Jun.	2,765	2,130	955	8600*	1,616	681*	3600*	4,770	22,352	28,868	4,020
Jul.	3,330	2,130	955	8600*	1,611	230*	3600*	4,690	21,816	29,256	4,020
Aug.	4,065	2,130	955	8600*	1,618	230*	3600*	4,690	21,823	28,614	4,020
Sep.	9,440	n.y.a	n.y.a	n.y.a	n.y.a	n.y.a	n.y.a	n.y.a	n.y.a	n.y.a	n.y.a

Source : World Bureau of Metal Statistics

* : at producer

n.y.a : not yet available

MALAYSIAN PRODUCTION BY MINING METHODS (In Tonnes)
NUMBER OF MINES IN OPERATIONS
EMPLOYMENT AT TIN MINES

YEAR	AGGREGATE			Dredging			Gravel Pump			Open Cast			Under Ground			Panning			Amang Retreatment		
	Prod.	Units*	Emp.	Prod.	Units	Emp.	Prod.	Units	Emp.	Prod.	Units	Emp.	Prod.	Units	Emp.	Prod.	Units	Emp.	Prod.	Units	Emp.
2016	4,158	14	1,406	-	-	-	-	-	-	3,388	14	1,130	-	-	-	293	-	-	442	18	276
2017	3,894	16	1,286	-	1	36	-	-	-	3,104	16	1,058	-	-	-	406	-	-	390	16	228
2018	3,868	12	1,295	-	-	-	-	-	-	3,184	12	1,075	-	-	-	424	-	-	260	11	220
2019	3,611	13	1,387	-	-	-	-	-	-	3,103	13	1,201	-	-	-	244	-	-	264	11	186
2020	2,963	14	1,534	-	-	-	-	-	-	2,780	10	1,348	-	-	-	125	-	-	58	11	186
2021**	2,979	13	1,844	-	-	-	-	-	-	2,796	13	1,624	-	-	-	119	-	-	64	11	220
2019																					
Jan.	325	11	1,242	-	-	-	-	-	-	272.0	11	1,025	-	-	-	28.7	-	-	24.8	11	217
Feb.	278	12	1,262	-	-	-	-	-	-	243.3	12	1,070	-	-	-	22.1	-	-	12.5	11	192
Mar.	324	13	1,289	-	-	-	-	-	-	286.0	13	1,097	-	-	-	18.4	-	-	20.0	11	192
Apr.	301	13	1,290	-	-	-	-	-	-	250.1	13	1,098	-	-	-	16.1	-	-	34.6	11	192
May	282	12	1,283	-	-	-	-	-	-	240.2	12	1,091	-	-	-	22.2	-	-	19.4	11	192
Jun	213	12	1,254	-	-	-	-	-	-	181.9	12	1,067	-	-	-	15.3	-	-	15.7	11	187
July	263	12	1,282	-	-	-	-	-	-	227.1	12	1,095	-	-	-	15.9	-	-	20.4	11	187
Aug.	299	10	1,396	-	-	-	-	-	-	260.2	10	1,209	-	-	-	20.0	-	-	19.1	11	187
Sep.	320	10	1,281	-	-	-	-	-	-	280.6	10	1,094	-	-	-	20.5	-	-	19.4	11	187
Oct.	312	12	1,441	-	-	-	-	-	-	262.6	12	1,255	-	-	-	15.4	-	-	33.5	11	186
Nov.	323	12	1,391	-	-	-	-	-	-	276.4	12	1,205	-	-	-	18.1	-	-	28.1	11	186
Dec.	356	12	1,387	-	-	-	-	-	-	309.4	12	1,201	-	-	-	31.1	-	-	15.7	11	186
2020																					
Jan.	289	12	1,434	-	-	-	-	-	-	273.0	12	1,248	-	-	-	11.4	-	-	3.6	11	186
Feb.	266	12	1,387	-	-	-	-	-	-	234.0	12	1,201	-	-	-	20.1	-	-	11.4	12	186
Mar.	162	13	1,550	-	-	-	-	-	-	143.9	13	1,364	-	-	-	13.2	-	-	4.6	12	186
Apr.	36	13	1,410	-	-	-	-	-	-	34.2	13	1,224	-	-	-	1.8	-	-	-	12	186
May	252	13	1,401	-	-	-	-	-	-	233.4	13	1,215	-	-	-	15.5	-	-	3.2	11	186
Jun	278	12	1,391	-	-	-	-	-	-	261.4	12	1,205	-	-	-	12.0	-	-	4.4	11	186
July	272	12	1,411	-	-	-	-	-	-	258.4	12	1,225	-	-	-	9.0	-	-	4.2	11	186
Aug.	277	13	1,567	-	-	-	-	-	-	263.7	13	1,381	-	-	-	9.2	-	-	3.8	11	186
Sep.	292	14	1,572	-	-	-	-	-	-	274.5	14	1,386	-	-	-	11.7	-	-	5.8	11	186
Oct.	295	13	1,562	-	-	-	-	-	-	283.7	13	1,376	-	-	-	6.9	-	-	4.1	11	186
Nov.	272	14	1,573	-	-	-	-	-	-	257.1	14	1,387	-	-	-	6.0	-	-	8.4	11	186
Dec.	272	10	1,534	-	-	-	-	-	-	261.4	10	1,348	-	-	-	7.1	-	-	3.3	11	186
2021**																					
Jan.	278	10	1,539	-	-	-	-	-	-	252.1	10	1,353	-	-	-	19.0	-	-	6.5	11	186
Feb.	257	11	1,541	-	-	-	-	-	-	238.9	11	1,355	-	-	-	12.5	-	-	5.5	11	186
Mar.	290	10	1,550	-	-	-	-	-	-	271.9	10	1,364	-	-	-	12.9	-	-	5.0	11	186
Apr.	294	11	1,551	-	-	-	-	-	-	277.7	11	1,365	-	-	-	11.0	-	-	5.5	11	186
May	262	11	1,508	-	-	-	-	-	-	244.5	11	1,322	-	-	-	11.3	-	-	5.8	11	186
Jun.	44	10	1,450	-	-	-	-	-	-	40.1	10	1,264	-	-	-	0.0	-	-	4.2	11	186
Jul.	204	10	1,450	-	-	-	-	-	-	199.2	10	1,264	-	-	-	1.0	-	-	3.7	11	186
Aug.	233	9	1,547	-	-	-	-	-	-	218.1	9	1,361	-	-	-	11.4	-	-	3.7	11	186
Sep.	262	10	1,794	-	-	-	-	-	-	245.4	10	1,608	-	-	-	11.4	-	-	4.8	11	186
Oct.	292	12	1,358	-	-	-	-	-	-	276.2	12	1,138	-	-	-	11.0	-	-	4.7	11	220
Nov.	270	13	1,844	-	-	-	-	-	-	255.6	13	1,624	-	-	-	9.0	-	-	5.7	11	220
Dec.	294	13	1,844	-	-	-	-	-	-	276.2	13	1,624	-	-	-	8.1	-	-	9.4	11	220
2022**																					
Jan.	234	13	1,743	-	-	-	-	-	-	218.6	13	1,557	-	-	-	7.9	-	-	7.2	11	186
Feb.	252	12	1,736	-	-	-	-	-	-	234.2	12	1,550	-	-	-	6.5	-	-	10.9	11	186
Mar.	306	12	2,302	-	-	-	-	-	-	272.9	12	2,117	-	-	-	11.4	-	-	21.8	11	185
Apr.	273	12	1,834	-	-	-	-	-	-	251.0	12	1,649	-	-	-	12.1	-	-	10.4	10	185
May	276	15	1,849	-	-	-	-	-	-	262.5	15	1,658	-	-	-	12.0	-	-	1.4	10	191
Jun.	285	15	1,869	-	-	-	-	-	-	265.8	15	1,678	-	-	-	16.0	-	-	3.7	10	191
Jul.	303	19	1,877	-	-	-	-	-	-	283.5	19	1,689	-	-	-	12.3	-	-	7.5	10	188

Source : Department of Mineral and Geoscience Malaysia

** : Preliminary

- : Nil

Note : * Aggregate number of mines does not include Retreatment units

**MALAYSIAN REFINED TIN PRODUCTION
IMPORT OF TIN-IN-CONCENTRATES
AND EXPORT OF TIN METAL (In Tonnes)**

Period	Production of Tin-In-Concentrates	Imports of Tin-In-Concentrates	Refined Tin Production	Local Consumption	Exports of Tin Metal
2016	4,158	30,536	26,849	2,238	27,470
2017	3,894	29,866	27,211	2,707	27,147
2018	3,868	27,450	27,115	1,964	27,342
2019	3,611	25,644	24,387	1,441	24,418
2020	2,963	22,288	22,367	1,512	22,597
2021*	2,980	322	16,634	1,156	16,441
2019					
Jan.	325	2,169	1,887	125	2,205
Feb.	278	1,700	1,912	99	1,694
Mar.	324	2,263	2,169	134	2,195
Apr.	301	2,090	2,145	125	2,097
May.	282	1,842	1,836	145	1,891
Jun.	213	2,393	1,536	129	1,630
Jul.	263	2,393	2,491	144	2,347
Aug.	299	2,381	2,476	122	2,257
Sep.	320	1,998	2,234	111	1,886
Oct.	312	2,506	1,478	111	1,790
Nov.	323	2,147	2,137	105	2,086
Dec.	356	1,762	2,086	91	2,340
2020					
Jan.	289	2,136	2,314	93	2,180
Feb.	266	1,449	1,880	119	2,226
Mar.	162	1,105	1,228	71	1,191
Apr.	36	1,198	1,110	75	933
May.	252	2,187	1,344	99	1,516
Jun.	278	1,927	1,926	190	1,644
Jul.	272	1,972	1,819	150	2,240
Aug.	277	2,785	2,672	151	2,290
Sep.	292	2,398	2,057	138	2,198
Oct.	295	1,565	2,078	146	2,126
Nov.	272	1,536	1,974	125	2,108
Dec	272	2,030	1,965	155	1,945
2021*					
Jan.	278	28	1,639	145	1,770
Feb.	257	29	1,847	70	1,765
Mar.	290	46	2,041	113	1,982
Apr.	294	47	1,680	115	1,836
May.	262	26	1,861	91	1,638
Jun.	44	0	695	86	894
Jul.	204	21	973	84	507
Aug.	233	19	1,115	86	1,085
Sep.	262	59	1,221	85	1,599
Oct	292	16	1,349	98	1,165
Nov.	270	10	1,086	91	1,172
Dec	294	21	1,127	92	1,028
2022*					
Jan.	234	n.y.a	n.y.a	n.y.a	n.y.a
Feb.	252	n.y.a	n.y.a	n.y.a	n.y.a
Mar.	306	n.y.a	n.y.a	n.y.a	n.y.a
Apr.	273	n.y.a	n.y.a	n.y.a	n.y.a
May	276	n.y.a	n.y.a	n.y.a	n.y.a
Jun.	285	n.y.a	n.y.a	n.y.a	n.y.a
Jul.	303	n.y.a	n.y.a	n.y.a	n.y.a

Sources : Department of Statistics, Malaysia
 Department of Mineral and Geoscience Malaysia
 Malaysia Smelting Corporation Bhd.

* : Preliminary

n.y.a : Not yet available

MALAYSIA'S DOMESTIC TIN CONSUMPTION (In Tonnes)

PERIOD	TOTAL CONSUMPTION	SOLDER *	TINPLATE	PEWTER	OTHERS *
2016	2,238	1,314	750	86	88
2017	2,707	1,348	737	63	559
2018	1,964	1,019	759	39	147
2019	1,441	695	639	19	88
2020	1,512	738	626	8	140
2021**	1,156	395	710	6	45
2019					
Jan.	125	66	51	1	7
Feb.	99	60	35	0	4
Mar.	134	69	56	1	8
Apr.	125	51	64	2	8
May	145	70	62	1	12
Jun.	129	66	56	1	6
Jul.	144	91	47	3	3
Aug.	122	60	51	1	10
Sep.	111	41	60	3	7
Oct.	111	41	59	3	8
Nov.	105	45	52	1	7
Dec.	91	35	46	2	8
2020					
Jan.	93	40	48	0	5
Feb.	119	62	52	0	5
Mar.	71	22	45	0	4
Apr.	75	19	53	0	3
May	99	49	44	0	6
Jun.	190	74	67	3	46
Jul.	150	84	55	3	8
Aug.	151	49	65	0	37
Sep.	138	85	46	0	7
Oct.	146	77	59	0	10
Nov.	125	78	40	2	5
Dec.	155	99	52	0	4
2021**					
Jan.	145	73	66	1	5
Feb.	70	30	37	0	3
Mar.	113	40	68	0	5
Apr.	115	39	68	1	7
May	91	40	46	0	5
Jun	86	29	50	0	7
Jul.	84	20	64	0	0
Aug.	86	25	57	0	4
Sep.	85	30	53	2	0
Oct.	98	29	69	0	0
Nov.	91	20	69	2	0
Dec.	92	20	63	0	9
2022**					
Jan.	n.y.a	n.y.a	56	n.y.a	n.y.a
Feb.	n.y.a	n.y.a	69	n.y.a	n.y.a
Mar.	n.y.a	n.y.a	58	n.y.a	n.y.a
Apr.	n.y.a	n.y.a	67	n.y.a	n.y.a
May	n.y.a	n.y.a	54	n.y.a	n.y.a
Jun	n.y.a	n.y.a	50	n.y.a	n.y.a
Jul.	n.y.a	n.y.a	62	n.y.a	n.y.a
Aug.	n.y.a	n.y.a	54	n.y.a	n.y.a
Sep.	n.y.a	n.y.a	35	n.y.a	n.y.a

Sources : Department of Mineral and Geoscience Malaysia

Malaysia Smelting Corporation Bhd

Perstima Bhd

* : The figures include high-grade tin (99.9% Sn) imported for consumption.

** : Preliminary.

n.y.a : not yet available

Note : Local consumption of tin metal refers to the use of tin in a particular application.
Sales to manufacturing industries have been used as proxy for consumption except in the case of manufacture of tinplate which are actual tin consumption data.

WORLD MINE PRODUCTION

(In Tonnes)

	2016	2017	2018	2019	2020	2021	2022	2022	2022	2022	2022	2022	2022	2022
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
EUROPE														
Portugal	48	56	60	108	108	108	9	9	9	9	9	9	9	9
Spain	7	23	32	147	74	49	2	2	2	2	2	2	10	10
Russia	1,140	702	1,200	2,264	2,538	2,920	244	250	182	237	237	238	200	200
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AFRICA														
Burundi	51	123	126	143	121	127	47	50	50	50	50	50	50	50
DR.Congo	4,128	7,145	9,000	6,250	13,508	15,000	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Egypt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Namibia	-	-	-	9	242	499	45	53	50	50	52	50	50	50
Nigeria	3,827	5,964	8,784	7,020	5,848	6,900	500	500	500	500	500	500	1,200	1,200
Rwanda	2,621	3,508	2,400	2,223	1,692	2,122	150	150	150	150	150	150	200	200
South Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zimbabwe	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanzania	104	68	6	18	1,600	1,200	100	100	100	100	100	100	100	100
Uganda	-	66	53	50	-	-	-	-	-	-	-	-	-	-
ASIA														
China	153,100	163,000	157,500	142,900	161,300	152,200	10,500	10,500	10,500	11,000	13,800	6,600	7,000	7,000
Indonesia	60,000	60,000	84,000	86,400	65,400	60,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Kazakhstan	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Laos	1,308	779	566	1,156	1,237	1,415	249	157	200	337	54	50	117	312
Malaysia	4,123	3,967	3,999	4,080	3,183	3,180	265	265	265	265	265	265	265	265
Mongolia	36	50	60	110	120	120	10	10	10	10	10	10	10	10
Myanmar	47,435	58,883	45,900	33,750	29,100	29,544	1,800	1,800	4,300	1,900	800	800	3,500	3,500
Thailand	124	705	720	720	720	720	60	60	60	60	60	60	60	60
Vietnam	5,520	4,560	4,560	5,520	5,420	5,400	450	450	450	450	450	450	450	450
AMERICA														
Bolivia	17,614	17,973	17,259	17,194	14,710	19,462	1,700	1,700	1,700	1,500	1,500	1,500	1,500	1,500
Brazil	25,500	18,000	18,000	18,000	15,000	17,168	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Peru	18,789	17,790	18,601	19,683	20,647	26,995	2,410	2,043	2,366	2,373	2,406	2,287	2,675	1,920
U.S.A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OCEANIA														
Australia	6,635	7,217	6,871	7,738	7,836	8,691	600	600	600	900	900	900	800	800
WORLD TOTAL	351,948	370,299	379,482	355,116	320,452	353,820	26,942	26,699	29,494	27,893	29,345	22,021	26,196	25,636

Source : World Bureau of Metal Statistics

- : Nil

WORLD REFINED TIN CONSUMPTION (In Tonnes)

	2016	2017	2018	2019	2020	2021	2022	2022	2022	2022	2022	2022	2022	2022
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
EUROPE														
Austria	3,323	4,148	3,983	3,082	2,960	4,057	250	200	204	200	328	300	227	250
Belgium	2,400	697	720	720	720	720	60	60	60	60	60	60	60	60
Bulgaria	101	1	117	210	240	303	20	20	20	20	20	20	20	20
Czech Republic	515	532	603	605	335	439	36	22	24	29	24	20	12	44
Denmark	3	17	7	1	10	17	1	1	1	1	1	1	1	1
Finland	86	51	77	94	72	95	3	10	18	0	1	1	4	5
France	4,736	5,456	6,080	5,020	4,982	3,643	242	280	351	471	284	386	246	386
Germany	18,242	20,284	20,236	18,441	14,898	16,052	1,000	1,252	1,410	1,561	1,365	1,685	1,163	1,593
Greece	632	600	646	634	637	646	50	60	50	50	50	51	53	52
Hungary	145	1,177	2,050	2,036	1,714	1,706	100	100	130	130	122	100	152	150
Ireland	4	0	2	0	0	1	0	0	0	0	0	0	0	0
Italy	3,495	3,974	4,678	4,324	3,402	4,153	300	300	522	500	479	500	456	450
Netherlands	6,000	6,000	6,000	6,000	5,400	5,400	450	450	450	450	450	450	450	450
Norway	0	1	1	1	10	0	0	0	0	0	0	0	0	0
Poland	3,669	3,537	3,723	3,335	1,580	1,012	125	50	30	30	103	32	100	100
Portugal	554	856	891	831	463	476	60	90	10	10	197	58	141	104
Romania	336	516	866	551	442	554	25	20	50	50	64	60	23	25
Russia	995	1,339	495	1,914	1,443	2,015	99	175	175	175	180	180	180	180
Slovakia	465	645	767	593	614	669	40	27	68	47	70	46	72	69
Spain	1,495	1,605	1,652	1,563	1,898	1,715	160	100	200	200	148	150	128	150
Sweden	6,492	5,457	6,020	5,835	5,343	6,105	600	530	549	550	517	541	500	500
Switzerland	47	69	45	60	44	46	1	10	10	10	13	10	1	5
United Kingdom	979	936	961	262	102	80	2	14	12	4	10	12	5	4
Yugoslavia	1,080	1,080	1,080	1,080	240	960	80	80	80	80	80	80	80	80
Other Europe	720	720	720	720	530	480	40	0	40	40	40	40	40	40
AFRICA														
Egypt	107	119	225	174	139	181	20	15	15	15	10	10	5	5
Morocco	21	15	22	20	22	27	3	0	2	5	6	4	0	0
Nigeria	300	623	1,436	1,322	240	240	20	20	20	20	20	20	20	20
South Africa	1,047	957	633	604	326	340	59	24	36	44	34	35	35	30
Other Africa	720	720	720	720	530	480	40	0	40	40	40	40	40	40
ASIA														
China	191,415	183,391	174,183	177,891	216,152	191,061	13,800	13,487	16,747	18,109	20,865	10,670	5,284	15,088
Hong Kong	1,800	1,800	3,300	3,600	480	1,359	130	130	130	130	130	130	130	130
India	9,088	9,861	11,365	10,615	9,734	10,566	912	900	910	900	694	934	1,812	1,211
Indonesia	1,200	1,200	1,200	1,200	1,200	1,200	100	100	100	100	100	100	100	100
Iran	987	1,058	1,573	2,221	2,261	1,600	100	100	100	100	100	100	100	100
Japan	26,113	29,111	28,084	24,905	20,198	28,383	1,923	2,233	2,130	1,794	1,893	2,038	2,146	2,172
Kazakhstan	490	431	405	350	287	0	5	50	50	0	0	45	20	130
Malaysia	1,560	1,560	1,560	1,560	1,560	1,560	130	130	130	130	130	130	130	130
Pakistan	279	300	489	311	194	322	16	16	15	0	30	30	48	50
Philippines	506	220	307	1,385	776	1,045	75	24	16	97	109	29	86	61
Singapore	1,960	1,920	1,920	1,920	1,720	1,920	160	160	160	160	160	160	160	160
South Korea	14,199	13,112	13,927	11,957	13,405	14,457	1,135	858	1,229	1,274	1,220	928	1,162	1,214
Syria	120	120	120	0	0	0	0	0	0	0	0	0	0	0
Taiwan	4,140	4,494	4,576	4,569	10,096	8,772	580	742	861	900	726	640	925	767
Thailand	3,131	4,259	3,000	3,000	3,000	3,000	250	250	250	250	250	250	250	250
Turkey	2,416	3,110	3,215	3,202	3,746	4,158	350	522	576	529	272	311	205	495
United Arab Emirates	4,800	4,800	3,600	3,600	2,160	2,160	180	180	180	180	180	180	180	180
Vietnam	6,000	6,000	4,200	3,600	4,639	4,622	380	380	380	380	380	380	380	380
Other Asia	2,160	2,160	2,160	2,160	1,690	1,560	130	0	130	130	130	130	130	130
AMERICA														
Argentina	878	596	674	420	1,108	799	40	35	26	39	43	40	4	14
Bolivia	480	480	480	480	480	480	40	40	40	40	40	40	40	40
Brazil	17,258	10,009	9,357	9,398	3,333	2,466	40	85	84	100	100	100	100	100
Canada	2,887	2,562	2,489	2,387	1,871	3,264	148	493	351	350	350	350	68	72
Chile	111	82	95	111	133	130	16	5	5	7	10	11	5	17
Colombia	300	280	271	248	237	207	33	10	4	5	12	12	25	20
Mexico	4,160	4,197	4,906	4,779	4,406	4,661	400	400	454	450	242	250	267	300
Peru	216	216	216	216	198	216	18	18	18	18	18	18	18	18
U.S.A.	29,455	31,476	34,664	31,057	29,191	34,559	4,736	2,297	2,773	1,812	2,701	1,602	2,466	1,787
Venezuela	59	19	16	12	10	12	1	1	1	1	1	1	1	1
Other America	420	420	420	420	275	240	20	0	20	20	20	20	20	20
OCEANIA														
Australia	215	259	284	375	255	317	0	20	49	54	9	56	18	47
New Zealand	7	49	46	41	30	65	0	5	0	12	0	9	11	0
WORLD TOTAL	387,563	381,702	378,582	368,742	384,161	377,773	29,735	27,582	32,497	32,884	35,657	24,601	20,515	30,007