

MALAYSIAN TIN BULLETIN

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MAY TIN MARKET REVIEW

Kuala Lumpur Tin Market (KLTM)

The KLTM continued to remain quiet with no trade being transacted during the month of May as no refined tin metal was offered for sale during the period. The market was closed on the 1st and 4th May in conjunction with the Labour day and the Wesak day holidays.

London Metal Exchange (LME)

Influenced largely by weak demand, tin trading on the LME during the month of May was mostly on a downward momentum. Trading was much easier than that recorded during the April trading month, and again followed the same trading pattern as the other base metals traded on the Exchange.

The market commenced the trading month at US\$26,800 per tonne for cash tin and US\$26,400 per tonne for 3-month tin. It rose the next day to reach its highest price level for the month at US\$27,125 per tonne for cash tin, and at US\$26,875 per tonne for 3-month tin. They were both recorded on 3rd May. Due to weak demand, it softened towards end of the trading week.

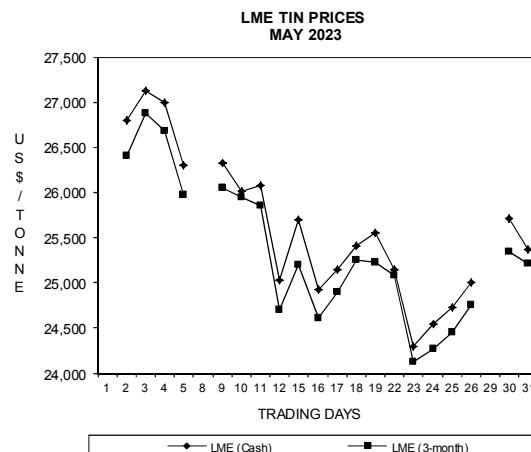
The weak demand persisted during the second trading week which further pressured the tin price downward.

Following a technical correction, the tin price rebounded at the opening of the third trading week. It eased, thereafter, before bouncing back towards end of the trading week. The incline was due to strong demand as traders took advantage of the earlier lower prices.

The market declined during the early days of the fourth trading week to record its lowest price level for the month at US\$24,300 per tonne for cash tin, and at US\$24,125 per tonne for 3-month tin, both recorded on 23rd May. It rose afterwards to end the trading week higher.

The tin price strengthened at the start of the short final trading week before easing to close the trading month of May at US\$25,375 per tonne for cash tin and US\$25,210 per tonne for 3-month tin, lower than the month's opening price level.

The month's average LME cash tin price was US\$25,610 per tonne while the average price for 3-month tin was US\$25,345 per tonne. There were 20 days of tin trading on the LME in May as the market was closed on the 1st, 8th and 29th May in conjunction with the Early May Bank holiday, King Charles III's Coronation and the Spring Bank holiday, respectively.



NEWS HIGHLIGHTS

Lower Tin Prices Hit MSC Earnings

Malaysia Smelting Corp Bhd (MSC) says lower tin prices and higher cost environment hit its earnings for the first quarter ended March 31, 2023 (1Q23). The company posted a revenue and net profit of RM340.1mil and RM35.4mil for the quarter, which was 5% and 45% lower respectively year-on-year (y-o-y). Earnings per share for the quarter stood at 8.4 sen.

In a filing with Bursa Malaysia yesterday, MSC noted on a quarter-on-quarter (q-o-q) basis, its net profit grew by 37% as tin smelting and tin mining segments recorded improved financial performance. Average tin prices rose by 18% q-o-q to RM116,100 per tonne in the 1Q23 but was 36% lower y-o-y.

MSC's 1Q23 saw contributions from its tin smelting and tin mining segments grew at an even greater rate of 28% and 92% respectively q-o-q. The improved performance of the tin smelting segment was due to higher profits from increased sales of refined tin derived from the processed tin intermediates and sales of two-by-products.

Profitability of the tin mining segment was bolstered by higher quantity of tin produced and improved operating efficiencies, it added on a q-o-q basis. MSC expects to fully decommission the Butterworth plant by mid-2024 with smelting activities to be undertaken at the Pulau Indah smelter.

(Source: *The Star*, 20 May 2023)

Fitch Revises Tin Prices Forecast Upward

BMI Country Risk & Industry Research, a unit of Fitch Solutions, has revised its tin price forecast for 2023 upwards to US\$25,000 (RM115,438) a tonne from US\$20,000 (RM92,350) a tonne, as a number of regulatory changes point to a looming supply crunch in the global tin market.

In a statement, it said the Wa militia in Myanmar, the world's third-largest tin producer, has announced a suspension of tin mining activities from August 2023, citing the need to protect remaining resources after years of mining.

"The International Tin Association has cautioned that this could threaten close to 10% of global tin concentrate sup-

plies. Indonesia, the world's largest exporter of tin, has announced a proposed ban on the exports of tin ingots from June 2023, although this has not been confirmed yet.

"The combined impending fall of Myanmar and Indonesia's exports of tin has significantly boosted sentiment, with tin prices hovering around US\$25,451 (RM117,520) a tonne as of May 19, 2023, and we expect further upside ahead," it said.

(Source: *The Star*, 26 May 2023)

NEWS ROUND-UP

Promising Developments at SKY's Tin Projects

Sky Metals Limited (SKY), an Australian mining company, recently released its first quarter 2023 activities highlighting promising developments at its Tallebung and Doradilla Tin Projects.

Located 70 km northwest of Condoobolin, in central New South Wales, the Tallebung Tin Project has shown significant potential for growth from its maiden Inferred Mineral Resource Estimate (MRE) of 10.2 Mt at 0.18 per cent tin for 18.4 kt of contained tin. Outstanding results from the first of two diamond-drilled holes have identified an exploration target that indicates significant potential for MRE growth. On top of that, the application of TOMRA XRT ore sorting technology has shown the capacity to upgrade tin grades more than threefold which will significantly improve the project's efficiency and profitability.

During the first quarter of 2023, SKY also advanced its Doradilla Tin Project through detailed geological mapping and rock-chip sampling. The project is located 45 km southeast of Bourke in western New South Wales. Although it is still in its early development stages, tin mineralisation has been discovered within the project area, warranting further analysis to ascertain its full potential.

Going forward, SKY plans to pursue exploration work on both projects. At Tallebung, the company will undertake further drilling, including 10-20 RC holes and additional diamond drilling, to expand the Inferred MRE. Meanwhile, the Doradilla Tin Project will see soil sampling and other programs conducted to delineate future drill targets and guide exploration efforts.

Rome Discovers Substantial Tin Deposit

Rome Resources Ltd. (Rome), a Canadian mineral exploration company, has announced the discovery of a substantial tin deposit at its Bisie North Tin Project in the Walikale Territory of the North Kivu Province, located in the eastern region of the Democratic Republic of Congo (DRC).

The company's preliminary assay results, derived from the first four drill holes at the Mont Agoma Prospect, aim to examine mineralisation southeast of a major sulphide deposit, intersecting numerous tin-rich zones. This Prospect is located along the strike zone from the Mpama North and South deposits. The results suggest that these tin-bearing zones increase in grade and size ranging from 11.25m at 0.51 per

cent Sn to 1m at 1.3 per cent Sn at deeper levels and extend south-eastwards where high-grade soil anomalies were identified.

The company's spokesman expressed his excitement over discovering a system of this scale. He noted that their understanding of the tin zone's distribution will enable them to 'be more precise' in devising future drilling programmes. To date, Rome has tested only a quarter of the potential 1.2km strike length identified from the high-grade tin soil anomaly. Furthermore, the company has initiated a four-hole drilling programme at the nearby Kalayi Prospect to assess the tin mineral potential underneath small-scale artisanal mines, where local miners have discovered 1m at 11 per cent Sn.

Record First-quarter 2023 Production at Penouta

Strategic Minerals Europe (SME) has continued to improve on its record production at Penouta, EU's largest active tin mine, by recording its highest first-quarter total production levels.

Located in north-western Spain, Penouta has been in operation since 2018 and successfully transitioned to open-pit mining early last year.

Total production for the first quarter of 2023 increased by 157 per cent to reach a record 121 tonnes compared to 47 tonnes recorded during the same period in 2022. This significant increase in production is a testament to the company's operational strategy and resource management. Meanwhile, the total tin-in-concentrate produced during the first quarter of 2023 also increased by 145 per cent to 98 tonnes com-

pared to 40 tonnes recorded during the same period in 2022. This increase in production also coincided with an increase in tin grade, rising from 68.9 per cent to 69.5 per cent in the respective quarters.

A key contributing factor to these gains is attributed to the successful commission of the company's primary crushing plant, an overhaul of its plant which ensured continued efficiency and productivity, as well as the granting of permits to conduct blasting at the open-pit. SME has also secured financing to further Penouta's operations and pursue growth strategies and successfully negotiated an off-take agreement with Traxys, which will ensure a steady market for SME's increased production.

Unyielding Stand by Myanmar Wa State on Tin Mining Suspension

The government of Wa State, Myanmar has released a comprehensive implementation plan for the slated suspension of all mining activities from August 1, 2023, which was a crucial follow-up to the announcement made on April 15, 2023. This document dated May 20 further underscores the government's commitment to halt unsustainable mining practices that have led to resource wastage, environmental pollution, and worker safety concerns.

The Ministry of Finance and the Bureau of Industry and Mining, in accordance with "Wa Jing Zi No. 2023-06", detailed the upcoming changes as follows;

1. All mines within the mining area of Wa must gear up for the cessation of production from August 1. Preservation of existing facilities and infrastructures is mandated, with stringent penalties for intentional destruction or safety violations.
2. The State's mines, open-pit mining areas, and concentrators are to enhance safety measures in slag piles, tailings, roads, and rivers prior to the rainy season to prevent safety hazards related to the mining halt.

3. Pumping operations will be permitted to avert mine collapse and minor damages, but any form of exploration or mining will remain prohibited.
4. Mining companies are instructed to collaborate with the Bureau of Industry and Mining's Man Maw Inspection Section to settle wage disputes and trade debts for mining workers, precluding potential large-scale safety incidents.
5. A smooth demobilisation process for mine workers, inclusive of water and electricity safety provisions, is stipulated.

The unyielding stance exhibited by the Wa State government in its latest correspondence to mining firms demonstrates its serious intent to proceed with the mining suspension. It is positioned as a strong message to the mining sector about the government's unwavering commitment to promote sustainable mining practices, protect the environment and safeguard the welfare of mine workers. Companies failing to adhere to these guidelines risk facing severe economic and criminal repercussions.

(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	
2022	41,007		5	21	31,384	31,122	
2020	Jan.	17,014		19	406	17,056	17,057
	Feb.	16,536		18	354	16,457	16,456
	Mar.	16,417		20	236	15,321	15,307
	Apr.		C L O S E D			15,039	14,949
	May	15,110		17	268	15,410	15,231
	Jun.	16,605		18	374	16,806	16,627
	Jul.	17,287		16	358	17,452	17,375
	Aug.	17,515		18	343	17,672	17,649
	Sep.	17,846		21	444	17,946	17,962
	Oct.	18,026		18	383	18,154	18,152
	Nov.	18,433		20	413	18,568	18,539
	Dec.	19,693		23	509	19,727	19,643
2021	Jan.	22,085		17	314	21,955	21,596
	Feb.	25,965		25	456	26,717	24,415
	Mar.	26,162		21	494	27,396	25,079
	Apr.	27,106		16	327	28,427	26,568
	May	31,132		17	298	32,524	29,736
	Jun.	31,857		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.	39,500		5	5	39,574	38,956
2022	Jan.	41,007		5	21	41,807	41,344
	Feb.		NO TRANSACTION			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
	Nov.		NO TRANSACTION			21,136	21,004
	Dec.		NO TRANSACTION			24,099	24,038
2023	Jan.		NO TRANSACTION			28,081	28,146
	Feb.		NO TRANSACTION			27,070	27,218
	Mar.		NO TRANSACTION			24,014	24,076
	Apr.		NO TRANSACTION			25,886	25,744
	May		NO TRANSACTION			25,610	25,345
2023 MAY	1		C L O S E D				CLOSED
	2		NO TRANSACTION			26,800	26,400
	3		NO TRANSACTION			27,125	26,875
	4		C L O S E D			27,000	26,675
	5		NO TRANSACTION			26,300	25,975
	8		NO TRANSACTION				CLOSED
	9		NO TRANSACTION			26,325	26,050
	10		NO TRANSACTION			26,010	25,950
	11		NO TRANSACTION			26,075	25,850
	12		NO TRANSACTION			25,025	24,700
	15		NO TRANSACTION			25,700	25,200
	16		NO TRANSACTION			24,925	24,610
	17		NO TRANSACTION			25,150	24,900
	18		NO TRANSACTION			25,405	25,250
	19		NO TRANSACTION			25,550	25,225
	22		NO TRANSACTION			25,150	25,075
	23		NO TRANSACTION			24,300	24,125
	24		NO TRANSACTION			24,550	24,275
	25		NO TRANSACTION			24,725	24,450
	26		NO TRANSACTION			25,000	24,750
	29		NO TRANSACTION				CLOSED
	30		NO TRANSACTION			25,705	25,350
	31		NO TRANSACTION			25,375	25,210

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	2,587	1,469	439	3,600	5,610	16,790	27,226	4,020
2019	7,130	2,130	955	8,600	1,806	400	3,600	5,920	23,217	35,678	4,020
2020	1,890	2,130	955	8,600	1,473	271	3,600	5,100	22,129	29,464	4,020
2021	2,045	2,130	955	8,600	1,545	377	3,600	4,530	21,737	25,142	4,020
2019											
Jan.	1,845	2,130	955	2,587	1,578	439	3,600	5,150	16,439	26,524	4,020
Feb.	1,325	2,130	955	2,587	1,578	439	3,600	5,150	16,552	26,111	4,020
Mar.	950	2,130	955	8,594	1,765	439	3,600	4,850	22,333	31,458	4,020
Apr.	890	2,130	955	8,594	1,834	439	3,600	5,580	23,132	31,451	4,020
May.	2,810	2,130	955	8,600	1,849	439	3,600	5,510	23,083	34,096	4,020
Jun.	6,045	2,130	955	8,600	2,520	209	3,600	5,510	23,524	37,961	4,020
Jul.	4,640	2,130	955	8,600	2,520	209	3,600	5,510	23,524	34,583	4,020
Aug.	6,830	2,130	955	8,600	2,445	209	3,600	5,510	23,449	35,355	4,020
Sep.	6,620	2,130	955	8,600	2,013	919	3,600	5,510	23,017	34,215	4,020
Oct.	6,020	2,130	955	8,600	2,100	400	3,600	5,510	23,104	33,684	4,020
Nov.	6,235	2,130	955	8,600	2,022	400	3,600	5,510	23,217	33,116	4,020
Dec.	7,130	2,130	955	8,600	1,806	400	3,600	5,920	23,217	35,678	4,020
2020											
Jan.	6,630	2,130	955	8,600	2,041	400	3,600	4,780	22,546	36,171	4,020
Feb.	7,440	2,130	955	8,600	1,966	400	3,600	4,780	22,431	36,261	4,020
Mar.	6,205	2,130	955	8,600	1,966	268	3,600	4,780	22,211	32,855	4,020
Apr.	5,375	2,130	955	8,600	1,761	268	3,600	4,780	22,094	31,171	4,020
May.	2,455	2,130	955	8,600	1,850	268	3,600	5,090	22,183	28,129	4,020
Jun.	4,230	2,130	955	8,600	1,697	268	3,600	5,080	22,330	29,666	4,020
Jul.	3,675	2,130	955	8,600	1,645	268	3,600	5,070	22,268	29,226	4,020
Aug.	5,040	2,130	955	8,600	1,520	268	3,600	5,080	22,143	30,811	4,020
Sep.	5,550	2,130	955	8,600	1,663	432	3,600	5,100	22,480	31,518	4,020
Oct.	4,533	2,130	955	8,600	1,621	432	3,600	5,060	22,398	31,119	4,020
Nov.	3,805	2,130	955	8,600	1,473	432	3,600	5,100	22,290	31,100	4,020
Dec.	1,890	2,130	955	8,600	1,473	271	3,600	5,100	22,129	29,464	4,020
2021											
Jan.	820	2,130	955	8,600	1,570	271	3,600	5,240	22,366	29,477	4,020
Feb.	1,745	2,130	955	8,600	1,578	271	3,600	5,910	23,044	33,151	4,020
Mar.	1,740	2,130	955	8,600	1,573	181	3,600	4,540	21,579	31,734	4,020
Apr.	1,245	2,130	955	8,600	1,573	181	3,600	4,550	21,589	30,572	4,020
May	755	2,130	955	8,600	1,573	181	3,600	4,550	21,589	28,232	4,020
Jun.	2,015	2,130	955	8,600	1,573	181	3,600	4,500	21,539	27,012	4,020
Jul.	2,290	2,130	955	8,600	1,573	181	3,600	4,460	21,499	26,954	4,020
Aug.	1,395	2,130	955	8,600	1,581	181	3,600	4,440	21,487	24,199	4,020
Sep.	1,235	2,130	955	8,600	1,518	265	3,600	4,440	21,508	24,344	4,020
Oct.	670	2,130	955	8,600	1,518	265	3,600	4,510	21,508	23,287	4,020
Nov.	1,285	2,130	955	8,600	1,548	265	3,600	4,530	21,508	24,894	4,020
Dec.	2,045	2,130	955	8,600	1,545	377	3,600	4,530	21,737	25,142	4,020
2022											
Jan.	2,390	2,130	955	8,600	1,545	181	3,600	5,040	22,051	27,505	4,020
Feb.	2,245	2,130	955	8,600	1,550	181	3,600	5,060	22,076	27,342	4,020
Mar.	2,000	2,130	955	8,600	1,535	181	3,600	4,940	21,941	26,552	4,020
Apr.	2,010	2,130	955	8,600	1,551	681	3,600	4,750	22,267	26,222	4,020
May	1,990	2,130	955	8,600	1,572	681	3,600	4,710	22,248	26,496	4,020
Jun.	2,765	2,130	955	8,600	1,616	681	3,600	4,770	22,352	28,868	4,020
Jul.	3,330	2,130	955	8,600	1,572	230	3,600	4,740	21,827	29,267	4,020
Aug.	4,065	2,130	955	8,600	1,572	230	3,600	4,700	21,787	28,578	4,020
Sep.	4,565	2,130	955	8,600	1,572	230	3,600	4,740	21,827	28,093	4,020
Oct.	4,255	2,130	955	8,600	1,572	230	3,600	4,770	21,857	28,643	4,020
Nov.	2,930	2,130	955	8,600	1,572	230	3,600	4,740	21,827	28,900	4,020
Dec.	2,880	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	4,020

Source : World Bureau of Metal Statistics

* : at producer

n.y.a : not yet available

**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	3,013	322	16,634	1,156	16,441
2022*	3,517	18,043	19,442	1,152	19,299
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.	297	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.	301	16	1,349	98	1,165
Nov.	287	10	1,086	91	1,172
Dec.	295	21	1,127	92	1,028
2022*					
Jan.	234	1,173	1,332	106	1,305
Feb.	252	1,162	1,160	108	1,017
Mar.	306	1,258	1,653	89	1,659
Apr.	273	1,511	1,417	117	1,431
May.	276	1,660	1,143	82	1,333
Jun.	285	1,729	1,730	76	1,481
Jul.	303	1,475	1,886	100	1,494
Aug.	338	1,397	2,211	94	2,402
Sep.	325	1,313	1,592	83	1,948
Oct.	322	1,842	1,692	82	1,431
Nov.	271	1,454	1,702	117	1,622
Dec.	331	2,069	1,924	98	2,176
2023*					
Jan.	327	1,482	1,780	n.y.a	1,388
Feb.	301	1,715	1,561	n.y.a	2,015
Mar.	n.y.a	1,920	2,054	n.y.a	2,138
Apr.	n.y.a	1,374	1,513	n.y.a	1,651
May	n.y.a	1,617	1,848	n.y.a	1,730

Sources : 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
2022	1,152	400	639	9	104
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.	106	27	56	0	23
Feb.	108	35	69	1	3
Mar.	89	24	58	1	6
Apr.	117	39	67	1	10
May	82	24	54	0	4
Jun	76	20	50	0	6
Jul.	100	25	62	2	11
Aug.	94	30	54	0	10
Sep.	83	40	35	1	7
Oct.	82	30	41	1	10
Nov.	117	57	50	1	9
Dec.	98	49	43	1	5
2023					
Jan.	n.y.a	n.y.a	31	n.y.a	n.y.a
Feb.	n.y.a	n.y.a	40	n.y.a	n.y.a
Mar.	n.y.a	n.y.a	29	n.y.a	n.y.a
Apr.	n.y.a	n.y.a	39	n.y.a	n.y.a
May.	n.y.a	n.y.a	38	n.y.a	n.y.a

Sources : Malaysia Smelting Corporation Bhd
Perstima Bhd

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

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	2022	2022	2022
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
EUROPE																	
Portugal	48	56	60	108	108	108	9	9	9	9	9	9	9	9	9	9	9
Spain	7	23	32	147	74	49	2	2	2	2	2	2	10	10	10	10	10
Russia	1,140	702	1,200	2,264	2,538	2,920	244	250	182	237	237	238	200	200	200	200	200
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AFRICA																	
Burundi	51	123	126	143	121	127	47	50	50	50	50	50	-	11	-	-	-
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	1,047	1,000	1,000
Egypt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Namibia	-	-	-	9	242	499	45	53	50	50	52	50	50	50	50	50	49
Nigeria	3,827	5,964	8,784	7,020	5,848	6,900	500	500	500	500	500	500	1,200	1,200	518	500	500
Rwanda	2,621	3,508	2,400	2,223	1,692	2,122	150	150	150	150	150	150	200	200	200	200	200
South Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zimbabwe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanzania	104	68	6	18	1,600	1,200	100	100	100	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	6,200	13,700	9,200
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	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	195	200	200
Malaysia	4,123	3,967	3,999	4,080	3,183	3,180	265	265	265	265	265	265	265	265	265	265	265
Mongolia	36	50	60	110	120	120	10	10	10	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	2,600	2,500	2,000
Thailand	124	705	720	720	720	720	60	60	60	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	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	1,400	1,400	1,400
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	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	2,263	2,454	2,368
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	750	750	750
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	24,197	22,705	22,827	30,358	25,271

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	2022	2022	2022
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
EUROPE																	
Austria	3,323	4,148	3,983	3,082	2,960	4,057	250	200	204	200	328	300	227	250	435	450	300
Belgium	2,400	697	720	720	720	720	60	60	60	60	60	60	60	60	60	60	60
Bulgaria	101	1	117	210	240	303	20	20	20	20	20	20	20	20	20	20	20
Czech Republic	515	532	603	605	335	439	36	22	24	29	24	20	12	44	12	15	18
Denmark	3	17	7	1	10	17	1	1	1	1	1	1	1	1	1	1	1
Finland	86	51	77	94	72	95	3	10	18	0	1	1	4	5	2	5	10
France	4,736	5,456	6,080	5,020	4,982	3,643	242	280	351	471	284	386	246	386	361	382	219
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	1,515	1,434	1,024
Greece	632	600	646	634	637	646	50	60	50	50	50	51	53	52	60	60	50
Hungary	145	1,177	2,050	2,036	1,714	1,706	100	100	130	130	122	100	152	150	150	150	100
Ireland	4	0	2	0	0	1	0	0	0	0	0	0	0	0	1	0	0
Italy	3,495	3,974	4,678	4,324	3,402	4,153	300	300	522	500	479	500	456	450	742	750	750
Netherlands	6,000	6,000	6,000	6,000	5,400	5,400	450	450	450	450	450	450	450	450	450	450	450
Norway	0	1	1	1	10	0	0	0	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	196	200	130
Portugal	554	856	891	831	463	476	60	90	10	10	197	58	141	104	110	110	110
Romania	336	516	866	551	442	554	25	20	50	50	64	60	23	25	20	20	10
Russia	995	1,339	495	1,914	1,443	2,015	99	175	175	175	180	180	180	180	170	170	170
Slovakia	465	645	767	593	614	669	40	27	68	47	70	46	72	69	47	50	75
Spain	1,495	1,605	1,652	1,563	1,898	1,715	160	100	200	200	148	150	128	150	80	80	200
Sweden	6,492	5,457	6,020	5,835	5,343	6,105	600	530	549	550	517	541	500	500	296	300	700
Switzerland	47	69	45	60	44	46	1	10	10	10	13	10	1	5	10	10	5
United Kingdom	979	936	961	262	102	80	2	14	12	4	10	12	5	4	10	3	2
Yugoslavia	1,080	1,080	1,080	1,080	240	960	80	80	80	80	80	80	80	80	80	80	80
Other Europe	720	720	720	720	530	480	40	0	40	40	40	40	40	40	40	40	40
AFRICA																	
Egypt	107	119	225	174	139	181	20	15	15	15	10	10	5	5	10	10	10
Morocco	21	15	22	20	22	27	3	0	2	5	6	4	0	0	0	0	0
Nigeria	300	623	1,436	1,322	240	240	20	20	20	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	49	50	50
Other Africa	720	720	720	720	530	480	40	0	40	40	40	40	40	40	10	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	17,620	18,719	18,657
Hong Kong	1,800	1,800	3,300	3,600	480	1,359	130	130	130	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	1,423	1,400	1,000
Indonesia	1,200	1,200	1,200	1,200	1,200	1,200	100	100	100	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	83	174	102
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	2,048	1,851	2,162
Kazakhstan	490	431	405	350	287	0	5	50	50	0	0	45	20	130	50	1	0
Malaysia	1,560	1,560	1,560	1,560	1,560	1,560	130	130	130	130	130	130	130	130	130	130	130
Pakistan	279	300	489	311	194	322	16	16	15	0	30	30	48	50	23	22	20
Philippines	506	220	307	1,385	776	1,045	75	24	16	97	109	29	86	61	40	40	111
Singapore	1,960	1,920	1,920	1,920	1,720	1,920	160	160	160	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	1,343	872	1,040
Syria	120	120	120	0	0	0	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	674	700	750
Thailand	3,131	4,259	3,000	3,000	3,000	3,000	250	250	250	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	333	461	420
United Arab Emirates	4,800	4,800	3,600	3,600	2,160	2,160	180	180	180	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	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	130	130	130
AMERICA																	
Argentina	878	596	674	420	1,108	799	40	35	26	39	43	40	4	14	55	34	53
Bolivia	480	480	480	480	480	480	40	40	40	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	100	100	100
Canada	2,887	2,562	2,489	2,387	1,871	3,264	148	493	351	350	350	350	68	72	202	54	94
Chile	111	82	95	111	133	130	16	5	5	7	10	11	5	17	5	10	38
Colombia	300	280	271	248	237	207	33	10	4	5	12	12	25	20	8	10	10
Mexico	4,160	4,197	4,906	4,779	4,406	4,661	400	400	454	450	242	250	267	300	160	150	300
Peru	216	216	216	216	198	216	18	18	18	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	1,646	2,949	1,843
Venezuela	59	19	16	12	10	12	1	1	1	1	1	1	1	1	1	1	1
Other America	420	420	420	420	275	240	20	0	20	20	20	20	20	20	20	20	20
OCEANIA																	
Australia	215	259	284	375	255	317	0	20	49	54	9	56	18	47	27	21	21
New Zealand	7	49	46	41	30	65	0	5	0	12	0	9	11	0	7	5	5
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	32,383	34,082	32,909

Source : World Bureau of Metal Statistics