



NOVEMBER TIN MARKET REVIEW

Kuala Lumpur Tin Market (KLTM)

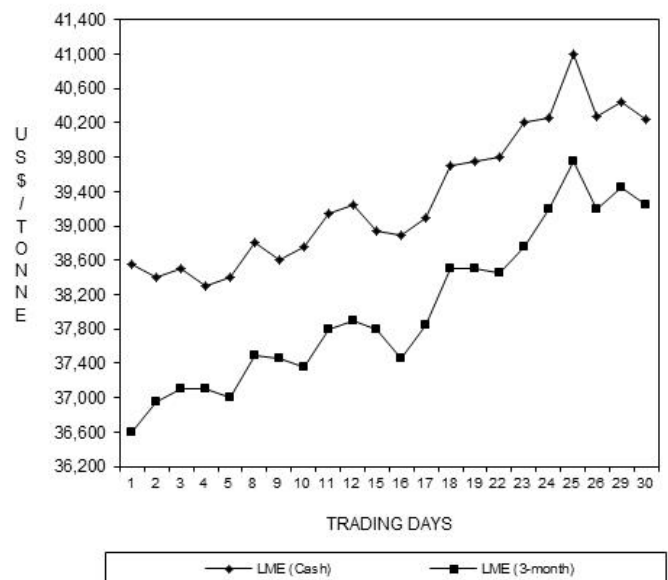
Tin trading on the KLTM remained suspended during the month of November. It will remain so until Malaysia Smelting Corporation Berhad (MSC) officially lifts its Force Majeure declaration made on 7th June 2021.

London Metal Exchange (LME)

Tin trading on the LME in November was mostly on an upward trend, a rebound from the decline during October's second half trading period. The tin price during the month followed the same trading pattern as that of the other base metals traded on the Exchange.

The market commenced the November trading month at US\$38,550 per tonne for cash tin and US\$36,600 per tonne for 3-month tin, with the latter being its lowest price for the month. Thereafter, cash tin was traded range bound towards end of the trading week to record its lowest price for the month at US\$38,300 per tonne on 4th November. Meanwhile, 3-month tin rose the ensuing days to end the first trading week marginally higher.

LME TIN PRICES
NOVEMBER 2021



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The tin price strengthened during the second trading week to end the week higher. The incline, however, was checked by some technical corrections.

The following trading week saw weak sentiment that resulted in the tin price declining during the early days of the week before rebounding to end the week higher.

The tin market continued to strengthen during the fourth trading week due to strong buying support and in line with the upward momentum of the other base metals traded on the LME. It was during this period that the month's highest price for cash and 3-month tin were recorded at US\$41,000 and US\$39,755 per tonne, respectively. They were both recorded on 25th November. However, due to a technical correction, the tin price softened at end of the trading week.

During the short final trading week, the market rebounded at the opening before easing to close the trading month at US\$40,245 and US\$39,250 per tonne for cash and 3-month tin, respectively.

The November average LME cash and 3-month tin price were US\$39,333 and US\$38,042 per tonne, respectively.

NEWS HIGHLIGHT

MSC Posts Jump in Q3 Net Profit on Record High Tin Prices

Malaysia Smelting Corp Bhd's (MSC) net profit more than doubled in the third quarter ended Sept 30, 2021 (Q3'2021) to RM28.94mil, against RM12.54mil in the same quarter last year thanks to record high tin prices.

Revenue, however, slipped to RM218.48mil from RM230.83mil previously, the tin miner and metal producer said in a filing with Bursa Malaysia yesterday. In a separate statement, group chief executive officer Datuk Patrick Yong said net profit for the tin mining segment rose almost four-fold to RM29mil during the quarter under review from RM7.4mil in the third quarter of 2020.

The group's tin smelting operations recorded a net profit of RM4.9mil in the third quarter mainly due to lower smelting capacity as the group gradually restarted its operations following the implementation of phase two of the National Recovery Plan. Additionally, the ageing furnaces at the Butterworth smelter were undergoing restoration, which led to lower furnace days and lower tin yields, he said.

"Tin has been the best-performing base metal in 2021 as prices hit a record high, following the tin supply deficit and robust consumption," he added. "MSC is a direct beneficiary of favourable tin prices and this trend is expected to persist in the near term in line with rising tin demand in various sectors, including consumer electronics, photovoltaic and electric vehicles."

For the nine-month period of 2021, MSC's net profit rose to RM54mil compared with RM0.2mil in the corresponding period last year, primarily due to higher average tin prices, which were at an all-time high of RM121,458 per tonne during the period - 74% higher than RM69,717 per tonne recorded in the corresponding period in 2020.

In tandem with the high tin prices, the group's revenue expanded 41%, year-on-year, to RM821.5mil in the first nine months of this year, against RM580.8mil in the same period last year.

(Source: The Star, 13 November 2021)

NEWS ROUND-UP

Oropesa's Mineral Resource Improved Considerably

Elementos, an Australian based tin exploration and development company, has improved the mineral resource at its Oropesa project by some 50 per cent following a successful drilling programme.

Located in southern Spain, the Oropesa project was acquired by Elementos in 2018 from Eurotin. In the same year, the company published the project's estimated maiden resource totalling some 12.54 million tonnes of ore with a grade of 0.54 per cent tin (67,520 tonnes contained tin).

The company started an extensive drilling programme in September 2020 aiming to increase the project's overall resource, annual production rate and mine life. The work culminated in a significantly improved mineral resource estimate (MRE).

The new MRE is 50 per cent larger in overall tonnage terms, improving the 2018 estimate from 12.54 to 18.86

million tonnes, while confidence in the orebody has increased. Measured and indicated resource categories now contain some 16.21 million tonnes of ore which was about 86 per cent of the total resource and a 78 per cent improvement. Within this, the measured mineral resource increased by 1,200 per cent from 0.33 to 4.30 million tonnes.

A number of significant intercepts were identified in shallow regions of the deposit, less than 200m from the surface with grades averaging 0.39 per cent Sn. As a result, the shallow (<100m) resources have increased by 263 per cent from 1.37 to 4.97 million tonnes.

In tin terms, the measured and indicated category now contains some 63,900 tonnes, an increase of some 26 per cent from the previous estimate of about 50,800 tonnes. Overall, the project currently contains an estimated 75,440 tonnes of tin, an increase of 12 per cent from the previous estimate of about 67,520 tonnes.

According to a spokesman, the company is extremely pleased with the updated results, which "exceed the goals set by the company before the drilling program started last year in both the magnitude of the increase to the mineral resource tonnages and classification confidence compared to the 2018 numbers". The spokesman added that Oropesa now has "a large, shallow and

geologically confident mineral resource base", which "puts the company in a prime position to complete the mine planning stage of the Definitive Feasibility Study next year and move this project forward and into production".

High Tin Price Improved PT Timah's Profits Significantly

PT Timah, Indonesia's premier tin producer, reported a significant increase in profits during the third quarter of 2021 due to strong LME tin prices.

The company reported a net profit of 612 billion rupiah (US\$4.28 million) during the first three quarters of the year, an increase of 340 per cent compared to the same period in 2020. PT Timah benefitted from record tin prices with the average on the LME over the first nine months of some US\$30,521 compared to US\$16,604 over the same period in 2020.

Refined tin production during the third quarter of 2021 rose some 8 per cent, quarter-on-quarter, to 7,205 tonnes but was some 25 per cent lower compared to 2020. Year-to-date, metal output declined by some 49 per cent compared to 2020 which coincided with a fall in the company's ore production.

The company mines tin from both onshore and offshore leases and owns 127 mining concessions across Indonesia, primarily in the province of Bangka-Belitung.

However, over the first three-quarters of the year, production from these leases declined by some 48 per cent compared to 2020. Much of the decline is attributed to moving away from onshore mining on the islands with the company's motto "Go Offshore, Go Deeper" proving true; offshore mine production rose by some 14 per cent, year-on-year, to September.

There was some concern about the longevity of PT Timah's mines as ore reserves fell some 14 per cent in 2020, and resources declined by some 22 per cent, year-on-year. According to a company spokesman, "Exploration activities or the discovery of new reserves continue to be carried out. The company continues to make intensive efforts to increase its ability to produce tin ore."

In late 2019, PT Timah began operations at its onshore Batu Besi mine in East Belitung, and completed nearly 9,000 metres of exploration drilling in March 2021 alone.

Khartoum Mine Development to Fast-Track with Jadar-Thaisarco MoU

Jadar Resources (JR), an Australian and ASX-listed mining company, could fast-track development of its Khartoum mine following the recent signing of a non-binding Memorandum of Understanding (MoU) with Thaisarco.

The MoU signing was to negotiate future tin concentrate supply from JR's Khartoum project in North Queensland, Australia.

Khartoum was acquired by JR in February 2021 from Jervois Mining. The 390 square kilometers license area contains a significant number of historical tin, silver-lead-zinc, copper, and tungsten mines, and is being actively explored by the company. Following initial reconnaissance field work, the company plans to begin diamond drilling on a prospective target in December 2021.

The MoU with Thaisarco, the world's sixth largest tin smelter, spelled out the terms of negotiation to reach a Definitive Agreement, which require Thaisarco to either take 100 per cent of the concentrate from the Khartoum project on a contractual basis, or pre-purchase a set amount of material at a discounted price. According to JR's Executive Director, he views this development as "extremely pleasing".

The MoU also gives Thaisarco the right of first refusal to enter into either off take or pre-purchase arrangements for any other tin projects owned by JR, or that JR is a joint venture partner. JR currently owns the Mt Wells and Maranboy projects in the Northern Territories of Australia alongside Khartoum. The MoU further stipulates that the Definitive Agreement must be reached within six months, unless an extension period of one month is agreed.

Worsening Outlook for Myanmar's Tin Supply to China

The outlook for tin supply from Myanmar to China is weakening due to another outbreak of Covid-19 despite strong exports in October.

According to latest data from China's Customs Department, the country imported some 6,000 tonnes of tin-in-concentrate in October, an increase of 30 per cent compared to September. Some 4,300 tonnes of them were from neighboring Myanmar which rose by 28 per cent, month-on-month.

Tin shipments were delayed in September due to limited transportation availability amidst strong demand. Logistics, however, improved in October, as container weight limits were lifted from 32 to 60 tonnes per container, allowing for higher tin exports.

According to local ore traders, almost a quarter of the material exported in October, or some 1,500 tonnes, is thought to be from government owned stockpiles. Mining in the country remains constrained.

The outlook looks worsening following another Covid-19 outbreak in the country, forcing China to stop all trade through the Menglian port. The port was closed on 10 November and expected to reopen on 19 November. However, as the situation has not improved, the closure was extended for another 14 days and possibly into early December.

(Source: "Tin in the News", ITRI Ltd. UK)

SPECIAL ARTICLE

The History of 'Timah'

Nineteenth century arrest warrants against the Ghee Hin and Hai San triad members and tin ore mining equipment, historical documents and artefacts are among the items which will be exhibited at the upcoming "Taiping History Retrospective" at the Perak Museum. The exhibition in Taiping opens on Nov 20 and will run until June 2022.

Perak Museum director Zarinah Sarifan said the exhibition is aimed at reviving domestic tourism. "The exhibition will revisit the important events involving Taiping, including the days of tin mining more than 145 years ago.

"It is also important for the public to know that Taiping was the biggest tin ore producer in the world where more than 40% of the world's supply came from here and tin later became an important commodity exported to Europe," she said.

The exhibition also highlights two Malay figures who discovered tin ore, namely Che Long Jaafar and his son

Che Ngah Ibrahim, and the territorial conflict involving the Chinese triad groups Ghee Hin and Hai San.

British Malaya's tin production and its share of world output increased dramatically in the last three decades of the 19th century. As a Taiping tin mining journey, the exhibition will showcase British colonial-era collections from various government agencies, including the Royal Malaysia Police, the Prisons Department and the Taiping Town Council.

"I believe the exhibition will help the younger generation know about the uniqueness of this town," she said.

Perak Museum, which is open daily now, is accepting 60 visitors at one time through its doors. Only visitors who are fully vaccinated will be allowed in. They can also register through the e-temujanji system before their visit date.

(Source: *The Star*, 7 November 2021)

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
2018	Jan.		46	973	20,711	20,602
	Feb.		42	756	21,694	21,549
	Mar.		42	933	21,214	21,123
	Apr.		35	744	21,340	21,167
	May		39	710	20,900	20,794
	Jun.		45	907	20,663	20,577
	Jul.		39	857	19,700	19,610
	Aug.		31	642	19,281	19,224
	Sep.		43	736	18,999	18,951
	Oct.		33	762	19,129	19,092
	Nov.		27	536	19,139	19,123
	Dec.		26	519	19,243	19,219
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
2021	1	C L O S E D			38,550	36,600
NOV	2	C L O S E D			38,400	36,950
	3	C L O S E D			38,500	37,100
	4	C L O S E D			38,300	37,100
	5	C L O S E D			38,400	37,000
	8	C L O S E D			38,800	37,500
	9	C L O S E D			38,600	37,450
	10	C L O S E D			38,750	37,350
	11	C L O S E D			39,150	37,800
	12	C L O S E D			39,250	37,900
	15	C L O S E D			38,950	37,800
	16	C L O S E D			38,900	37,455
	17	C L O S E D			39,100	37,850
	18	C L O S E D			39,700	38,505
	19	C L O S E D			39,750	38,500
	22	C L O S E D			39,800	38,450
	23	C L O S E D			40,200	38,760
	24	C L O S E D			40,250	39,200
	25	C L O S E D			41,000	39,755
	26	C L O S E D			40,275	39,200
	29	C L O S E D			40,450	39,450
	30	C L O S E D			40,245	39,250

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
2017											
Jan.	5,800	2,129	955	3435*	1,416	356*	3600*	6,470	18,902	27,908	4,020
Feb.	5,560	2,129	955	3435*	1,283	356*	3600*	6,470	18,769	26,743	4,020
Mar.	3,510	2,129	955	3435*	1,282	356*	3600*	6,470	18,227	23,760	4,020
Apr.	2,865	2,129	955	3435*	1,244	356*	3600*	6,470	18,189	23,260	4,020
May.	1,910	2,129	955	3868*	1,196	241*	3600*	6,480	18,469	24,179	4,020
Jun.	1,690	2,130	955	3870*	1,311	930*	3600*	6,540	19,336	26,068	4,020
Jul.	1,985	2,130	955	3870*	1,349	930*	3600*	6,540	19,374	29,663	4,020
Aug.	1,910	2,130	955	3870*	1,411	930*	3600*	6,540	19,436	31,539	4,020
Sep.	2,070	2,130	955	3870*	1,393	346*	3600*	6,520	18,814	30,595	4,020
Oct.	2,095	2,130	955	3870*	1,393	350*	3600*	6,560	18,818	30,637	4,020
Nov.	2,395	2,130	955	3870*	1,348	350*	3600*	6,730	18,983	29,610	4,020
Dec.	2,235	2,130	955	3870*	1,360	600*	3600*	6,730	19,245	26,395	4,020
2018											
Jan.	1,955	2,130	955	3956*	1,347	600*	3600*	6,730	19,318	25,885	4,020
Feb.	1,720	2,130	955	3956*	1,384	600*	3600*	6,730	19,318	26,506	4,020
Mar.	2,060	2,130	955	3956*	1,384	732*	3600*	6,330	19,087	25,753	4,020
Apr.	2,225	2,130	955	3956*	1,222	732*	3600*	6,430	19,025	26,735	4,020
May.	2,420	2,130	955	3956*	1,184	732*	0	6,430	15,387	24,661	4,020
Jun.	3,130	2,130	955	3198*	1,184	407*	0	6,430	14,304	25,151	4,020
Jul.	2,970	2,130	955	3246*	1,134	407*	3600*	6,400	17,872	27,857	4,020
Aug.	2,940	2,130	955	3246*	1,093	407*	3600*	6,310	17,741	26,728	4,020
Sep.	2,865	2,130	955	3246*	1,414	677*	3600*	6,310	18,332	27,715	4,020
Oct.	3,085	2,130	955	3246*	1,414	677*	3600*	6,310	15,332	25,139	4,020
Nov.	3,045	2,130	955	3246*	1,510	677*	3600*	5,610	17,728	29,299	4,020
Dec.	2,165	2,130	955	2587*	1,469	439*	3600*	5,610	16,790	27,226	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*	1,573	181*	3600*	4,440	21,499	24,211	4,020
Sep.	1,235	2,130	955	8600*	1,573	265*	3600*	4,440	21,563	24,399	4,020
Oct.	670	2,130	955	8600*	1,573	265*	3600*	4,440	21,563	24,399	4,020
Nov.	1,285	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

* : at producer

n.y.a : not yet available

Source : World Bureau of Metal Statistics

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
2017																					
Jan.	351	14	1,298	-	-	-	-	-	-	272.8	14	1,030	-	-	-	29.6	-	-	48.3	18	268
Feb.	316	14	1,308	-	1	36	-	-	-	251.8	13	990	-	-	-	28.3	-	-	36.0	18	282
Mar.	306	14	1,200	-	1	36	-	-	-	248.9	13	929	-	-	-	24.4	-	-	32.3	16	235
Apr.	275	13	1,220	-	-	-	-	-	-	227.9	13	985	-	-	-	30.6	-	-	16.3	16	235
May	338	16	1,330	-	-	-	-	-	-	268.1	16	1,095	-	-	-	33.6	-	-	37.7	16	235
Jun	306	17	1,301	-	-	-	-	-	-	272.0	17	1,069	-	-	-	30.7	-	-	5.5	16	232
July	333	18	1,350	-	1	36	-	-	-	273.4	17	1,083	-	-	-	34.2	-	-	25.7	16	231
Aug.	328	19	1,391	-	1	36	-	-	-	262.7	18	1,122	-	-	-	36.8	-	-	29.2	16	233
Sep.	313	16	1,316	-	-	-	-	-	-	248.6	16	1,083	-	-	-	36.5	-	-	28.9	16	233
Oct.	322	18	1,358	-	1	36	-	-	-	251.8	17	1,089	-	-	-	36.1	-	-	35.3	16	233
Nov.	368	16	1,283	-	-	-	-	-	-	271.9	16	1,050	-	-	-	43.6	-	-	53.9	16	233
Dec.	338	16	1,286	-	-	-	-	-	-	254.5	16	1,058	-	-	-	41.8	-	-	40.8	16	228
2018																					
Jan.	308	17	1,330	-	-	-	-	-	-	244.5	17	1,088	-	-	-	37.3	-	-	26.5	16	242
Feb.	297	17	1,305	-	-	-	-	-	-	233.4	17	1,063	-	-	-	36.9	-	-	26.6	16	242
Mar.	323	16	1,272	-	-	-	-	-	-	260.4	16	1,029	-	-	-	34.6	-	-	27.6	16	243
Apr.	330	17	1,271	-	-	-	-	-	-	268.5	17	1,031	-	-	-	39.6	-	-	21.8	16	240
May	336	16	1,137	-	-	-	-	-	-	260.8	16	971	-	-	-	40.1	-	-	34.9	11	166
Jun	310	15	982	-	-	-	-	-	-	256.3	15	977	-	-	-	53.3	-	-	-	10	5
July	342	15	1,218	-	-	-	-	-	-	300.9	15	1,010	-	-	-	22.3	-	-	18.8	10	208
Aug.	393	14	1,225	-	-	-	-	-	-	325.3	14	1,012	-	-	-	36.6	-	-	31.23	10	213
Sep.	280	14	1,308	-	-	-	-	-	-	244.8	14	1,085	-	-	-	30.7	-	-	4.74	10	223
Oct.	319	12	1,280	-	-	-	-	-	-	271.2	12	1,059	-	-	-	31.5	-	-	16.30	10	221
Nov.	324	12	1,309	-	-	-	-	-	-	253.5	12	1,085	-	-	-	36.0	-	-	34.00	10	224
Dec.	307	12	1,295	-	-	-	-	-	-	264.0	12	1,075	-	-	-	25.0	-	-	18.00	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

Source : Department of Mineral and Geoscience Malaysia

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

** Preliminary

- Nil

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
2017					
Jan.	351	2,377	1,683	171	1,530
Feb.	316	2,033	2,167	203	2,635
Mar.	306	1,723	2,044	322	2,091
Apr.	275	2,441	1,832	263	1,777
May.	338	2,598	2,572	218	2,326
Jun.	306	2,446	2,121	258	1,732
Jul.	333	3,154	2,605	320	2,768
Aug.	328	2,428	2,812	178	3,106
Sep.	313	2,565	2,149	179	2,275
Oct.	322	2,775	2,256	225	2,116
Nov.	368	2,740	2,478	204	2,510
Dec.	338	2,586	2,492	166	2,281
2018					
Jan.	308	2,424	2,060	171	1,950
Feb.	297	2,046	2,214	190	2,009
Mar.	323	2,488	2,340	158	2,584
Apr.	330	2,430	2,111	192	2,401
May.	336	2,895	2,343	171	2,435
Jun.	310	2,494	2,219	192	2,162
Jul.	342	2,609	2,571	162	2,687
Aug.	393	2,619	2,470	215	2,257
Sep.	280	1,653	2,068	149	1,899
Oct.	319	2,284	2,282	117	2,138
Nov.	324	1,844	2,563	102	2,746
Dec.	306	1,664	1,874	145	2,074
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	n.y.a	n.y.a	n.y.a	n.y.a
Feb.	257	n.y.a	n.y.a	n.y.a	n.y.a
Mar.	290	n.y.a	n.y.a	n.y.a	n.y.a
Apr.	294	n.y.a	n.y.a	n.y.a	n.y.a
May.	262	n.y.a	n.y.a	n.y.a	n.y.a
Jun.	44	n.y.a	n.y.a	n.y.a	n.y.a
Jul.	204	n.y.a	n.y.a	n.y.a	n.y.a
Aug.	233	n.y.a	n.y.a	n.y.a	n.y.a

* : Preliminary

n.y.a : Not yet available

Sources : Department of Statistics, Malaysia

Department of Mineral and Geoscience Malaysia

Malaysia Smelting Corporation Bhd.

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
2017	Jan.	171	102	54	12	3
	Feb.	203	133	64	2	4
	Mar.	322	139	76	13	94
	Apr.	263	100	72	2	89
	May	218	150	61	3	4
	Jun	258	108	61	12	77
	July	320	143	76	1	100
	Aug.	178	79	62	2	35
	Sep.	179	101	40	1	37
	Oct.	225	104	68	4	49
	Nov.	204	95	49	1	59
	Dec.	166	94	54	10	8
2018	Jan.	171	101	57	3	10
	Feb.	190	133	54	1	2
	Mar.	158	93	49	13	3
	Apr.	192	103	78	1	10
	May	171	106	56	1	8
	Jun.	192	116	61	13	2
	Jul.	162	99	60	0	3
	Aug.	215	132	75	1	7
	Sep.	149	62	62	1	24
	Oct.	117	23	69	1	24
	Nov.	102	11	61	0	30
	Dec.	145	40	77	4	24
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.	n.y.a	n.y.a	69	n.y.a	n.y.a

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

** : Preliminary.

n.y.a : not yet available

Sources : Department of Mineral and Geoscience Malaysia
Malaysia Smelting Corporation Bhd
Perstima Bhd

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.

[illegible]

Source : World Bureau of Metal Statistics

WORLD REFINED TIN CONSUMPTION (In Tonnes)

	2016	2017	2018	2019	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021
						Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
EUROPE																													
Austria	3,323	4,148	3,983	3,082	2,960	225	225	250	317	300	286	300	100	75	100	235	235	371	350	608	400	350	350	266	350	385	300		
Belgium	2,400	697	720	720	720	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Bulgaria	101	1	117	210	240	25	25	25	25	25	25	25	25	25	25	20	20	24	20	31	30	20	20	20	20	20	20	20	
Czech Republic	515	532	603	605	335	29	43	44	10	7	41	40	60	16	16	25	25	48	39	25	42	28	36	48	63	28	28	28	
Denmark	3	17	7	1	10	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	
Finland	86	51	77	94	72	3	3	6	5	5	7	7	5	1	10	3	3	8	7	7	7	12	12	8	8	16	10		
France	4,736	5,456	6,080	5,020	4,982	534	610	608	467	625	465	512	337	379	312	148	148	218	380	337	248	318	276	412	230	353	359		
Germany	18,242	20,284	20,236	18,441	14,898	1,521	1,400	1,400	1,488	1,143	997	997	1,173	1,000	1,100	1,083	1,000	1,150	1,000	1,159	1,200	1,262	1,200	1,271	1,364	1,509	1,509		
Greece	632	600	646	634	637	51	50	53	61	51	58	58	52	52	52	51	51	50	58	51	52	52	52	65	51	52	50		
Hungary	145	1,177	2,050	2,036	1,714	190	190	150	150	150	100	100	100	75	70	100	185	150	189	150	162	150	120	100	100	100			
Ireland	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Italy	3,495	3,974	4,678	4,324	3,402	336	300	100	220	190	400	400	300	300	200	200	200	265	250	396	350	373	300	388	350	350	350		
Netherlands	6,000	6,000	6,000	6,000	5,400	500	500	500	500	500	500	500	500	500	500	450	450	450	450	450	450	450	450	450	450	450	450		
Norway	0	1	1	1	10	8	5	0	2	1	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0		
Poland	3,669	3,537	3,723	3,335	1,580	598	360	360	572	400	500	500	624	75	75	90	90	90	90	150	150	118	115	62	101	100	100		
Portugal	554	856	891	831	463	44	57	109	56	127	100	100	29	10	10	90	90	88	57	87	42	29	56	7	45	20	20		
Romania	336	516	866	551	442	25	25	20	20	20	20	2																	

Source : World Bureau of Metal Statistics