



SEPTEMBER TIN MARKET REVIEW

Kuala Lumpur Tin Market (KLTM)

Tin trading on the KLTM remained suspended during the month. The tin trading suspension which began on 9th June 2021 would be lifted once MSC officially announced the lifting of its Force Majeure declaration that was made on 7th June 2021.

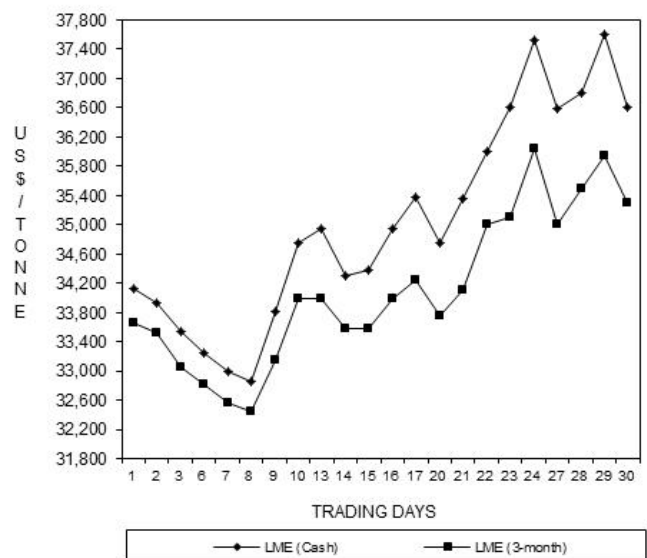
London Metal Exchange (LME)

Backed by strong demand, tin trading on the LME during the month of September moved further upwards from the previous month of August. The movement in the trading of other base metals again impacted tin trading on the LME during the month.

The market started the September trading month at US\$34,129 per tonne for cash tin and US\$33,653 per tonne for 3-month tin before easing the next two days to end the short first trading week lower.

The decline continued towards middle of the second trading week to record the month's lowest price for cash and 3-month tin on 8th September at US\$32,850 and US\$32,450 per tonne, respectively. However, the market moved higher

LME TIN PRICES
SEPTEMBER 2021



INSIDE THIS ISSUE

SEPTEMBER TIN MARKET REVIEW KLTM | LME

NEWS HIGHLIGHT Earnings Growth Seen for MSC

NEWS ROUND-UP Venture Minerals Discovered New Tin-bearing Sequence AfriTin Maintained Strong Q3 Performance Covid-19 Controls Restricted Myanmar Ore Shipments

TIN STATISTICS KLTM & LME Tin Prices World Refined Tin Stocks Production, Number of Mines & Employment by Mining Methods Malaysian Production, Import & Export Domestic Tin Consumption World Mine Production World Refined Tin Consumption

towards end of the trading week supported by strong demand.

The tin price inched-up at the start of third trading week as demand continued strong. It slid the next day on technical correction but rebounded to close the week higher.

Buoyed by strong demand as traders returned to the market after their long summer holidays, the tin price rose almost the entire fourth trading week to record its highest level for 3-month tin at US\$36,050 per tonne on 24th September.

The market softened at the opening of the final trading week. It rebounded afterwards and made further gains that resulted in the tin price recording its highest level for cash tin at US\$37,600 per tonne on 29th September. The market softened yet again to close the trading month at US\$36,600 per tonne for cash tin and US\$35,300 per tonne for 3-month tin, which were nonetheless much higher than their month's opening prices.

The September average LME cash and 3-month tin prices were US\$35,048 and US\$34,109 per tonne, respectively.

NEWS HIGHLIGHT

Earnings Growth Seen for MSC

Malaysia Smelting Corp Bhd (MSC) appears to be fairly priced in all the positive catalysts, with its share price surging over 60% year to-date buoyed by the current strong tin prices. Kenanga Research, in its recent report, has placed MSC on its radar given the group's investment merits.

MSC is in the midst of relocating and fully commissioning its new smelting plant in Pulau Indah, Selangor as well as re-developing the site of its old smelting plant in Butterworth, Penang into a mixed residential and commercial property project. MSC is the world's third-largest tin supplier as well as the world's largest toll smelter, which smelts third-party tin concentrates.

On the group's investment merits, Kenanga Research described the new smelting plant as a game changer, of which the MSC management had indicated cost savings of about 30% once it is fully commissioned with 60,000 tonnes per year by end of this year or early next year compared with the plant in Butterworth. The group will also be unlocking the value of its Butterworth land.

The research firm said MSC has made efforts to improve its environmental, social and governance rating, such as the new smelting plant having green energy efficiency initiatives while its tin mining operation is powered by 1.0MW hydro energy. According to Kenanga Research, the new smelting plant's efficiency is expected to lead to MSC's earnings growth.

"Tin prices have continued to trend upward solidly, rising by 73% year to date to an all-time-high of above US\$35,000 (RM145,523) per tonne currently. As such, we have assumed average tin prices of US\$27,000 (RM112,261) for financial year 2021 (FY21) with a similar production volume of 23,000 tonnes as last year. This will almost triple MSC's FY21 net profit forecast to RM58.4mil," it said.

MSC's production volume will also rise to 25,000 tonnes in FY22 and 27,000 tonnes in FY23 from 23,000 tonnes in FY21. The research house has forecast MSC's net profit at RM71.9mil in FY22 and RM89.5mil in FY23, respectively.

Source: The Star, 10 September 2021

NEWS ROUND-UP

Venture Minerals Discovered New Tin-bearing Sequence

Venture Minerals (VM), an Australian exploration company, has discovered a new tin-bearing sequence near to its Mount Lindsay project in Tasmania.

The Mount Lindsay project is situated some 12 km north-west of the major Renison Bell Mine in Tasmania. Similar to Renison, the tin-tungsten mineralisation at Mount Lindsay is found with skarns -altered limestone. The Renison mine has been operated across three different centuries and was first discovered in 1890.

An electromagnetic (EM) survey undertaken by VM in 2019 had identified several high-priority targets, including one just south of the existing mineralisation at Mount Lindsay. This target is located along the Federal Basset Fault, which is felt to have been a significant factor in the formation of mineralisation at Renison. The EM anomaly is supported at surface by soil anomalies and a nearby minor alluvial tin field.

Results from the initial drill hole have now confirmed the existence of the Renison-style sequences in the area. A 250m wide intersection of the Renison Mine geological sequence includes at least five major units with potential for tin and tungsten mineralisation.

VM is awaiting the assay results from the drill core, but the discovery has huge potential. According to the company's spokesman, "the discovery of a potential new tin-bearing skarn system so close to the Company's flagship tin deposit delivers Venture an excellent opportunity to add to the already significant resource base at Mount Lindsay". VM has immediately committed to a downhole EM programme while it waits for the assay results.

AfriTin Maintained Strong Q3 Performance

AfriTin Mining, the owner and operator of the Uis tin mine in Namibia, has maintained a strong third quarter performance in 2021 producing above nameplate capacity. The quarterly production is targeted at 180 tonnes of tin concentrate, with a concentrate grade of 60 to 70 per cent Sn.

The company produced some 185 tonnes of tin concentrate during its second quarter 2021 financial year, beating targets for the third quarter in a row. Ore throughput increased by 9.9 per cent following improvements in plant availability, utilisation and processing rate. Tin recovery improved by some 10 to 65 per cent.

The amount of tin contained in the concentrate, however, did not increase due to a lower feed grade entering the pro-

cessing plant. According to AfriTin, this was due to natural variations in the Uis orebody; the grade of 0.137 per cent Sn remains in line with the life-of-mine average of 0.138 per cent Sn.

On top of the positive production results, the company is also looking to the future. According to the company's spokesman, "during the quarter we commenced the early implementation work and long lead item ordering for the Uis expansion programme". In June, the company approved a Definitive Feasibility Study to expand its existing Uis processing plant. The expansion is a modular addition to the current processing plant, which is projected to increase tin concentrate production by 67 per cent.

Covid-19 Controls Restricted Myanmar Ore Shipments

Myanmar's trade in tin concentrates with China declined in August as Covid-19 controls suspended transport through a crucial border town of the two countries.

China imported some 15,557 tonnes of tin ores and concentrates in August, with 80 per cent coming from Myanmar.

Ore and concentrate shipments usually pass through a number of towns located on the border of China and Myanmar. However, due to China's Covid-19 control measures, shipments through Menglian were halted for about a week resulting in imports from Myanmar declining by some 31 per cent to 3,100 tonnes of contained tin between July and August.

China also sources some raw materials from other countries globally, including Australia and the Democratic Republic of Congo. These imports increased by 67 per cent to an estimated 1,500 tonnes of tin-in-concentrate.

China's total raw materials supply declined by some 18 per cent to nearly 3,500 gross tonnes compared to July, and tin content was estimated to have declined by 15 per cent to 800 tonnes.

(Source: "Tin in the News", ITRI 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
2018	Jan.	20,415	46	973	20,711	20,602
	Feb.	21,558	42	756	21,694	21,549
	Mar.	21,049	42	933	21,214	21,123
	Apr.	21,151	35	744	21,340	21,167
	May	20,740	39	710	20,900	20,794
	Jun.	20,616	45	907	20,663	20,577
	Jul.	19,687	39	857	19,700	19,610
	Aug.	19,299	31	642	19,281	19,224
	Sep.	18,905	43	736	18,999	18,951
	Oct.	19,048	33	762	19,129	19,092
	Nov.	19,133	27	536	19,139	19,123
	Dec.	19,208	26	519	19,243	19,219
2019	Jan.	20,417	34	719	20,480	20,372
	Feb.	21,268	37	628	21,268	21,172
	Mar.	21,317	50	1,046	21,444	21,359
	Apr.	20,528	38	833	20,684	20,560
	May	19,394	19	388	19,531	19,326
	Jun.	19,065	19	344	19,177	19,076
	Jul.	18,074	19	416	17,991	17,983
	Aug.	16,532	20	422	16,577	16,567
	Sep.	16,730	22	392	16,840	16,834
	Oct.	16,562	21	464	16,603	16,627
	Nov.	16,624	20	417	16,369	16,386
	Dec.	16,883	18	376	17,093	17,063
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.	CLOSED			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.	CLOSED			34,183	33,010
	Aug.	CLOSED			35,205	34,352
2021 SEP.	Sep.	CLOSED			35,048	34,109
	1	CLOSED			34,129	33,653
	2	CLOSED			33,942	33,533
	3	CLOSED			33,540	33,050
	6	CLOSED			33,250	32,830
	7	CLOSED			33,005	32,575
	8	CLOSED			32,850	32,450
	9	CLOSED			33,825	33,150
	10	CLOSED			34,750	34,000
	13	CLOSED			34,950	34,000
	14	CLOSED			34,300	33,580
	15	CLOSED			34,375	33,575
	16	CLOSED			34,950	34,000
	17	CLOSED			35,375	34,245
	20	CLOSED			34,750	33,750
	21	CLOSED			35,350	34,100
	22	CLOSED			36,000	35,000
	23	CLOSED			36,600	35,100
	24	CLOSED			37,525	36,050
	27	CLOSED			36,595	35,000
	28	CLOSED			36,800	35,500
	29	CLOSED			37,600	35,950
	30	CLOSED			36,600	35,300

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
2017											
Jan.	5,800	2,129	955	3,435*	1,416	356*	3,600*	6,470	18,902	27,908	4,020
Feb.	5,560	2,129	955	3,435*	1,283	356*	3,600*	6,470	18,769	26,743	4,020
Mar.	3,510	2,129	955	3,435*	1,282	356*	3,600*	6,470	18,227	23,760	4,020
Apr.	2,865	2,129	955	3,435*	1,244	356*	3,600*	6,470	18,189	23,260	4,020
May.	1,910	2,129	955	3,868*	1,196	241*	3,600*	6,480	18,469	24,179	4,020
Jun.	1,690	2,130	955	3,870*	1,311	930*	3,600*	6,540	19,336	26,068	4,020
Jul.	1,985	2,130	955	3,870*	1,349	930*	3,600*	6,540	19,374	29,663	4,020
Aug.	1,910	2,130	955	3,870*	1,411	930*	3,600*	6,540	19,436	31,539	4,020
Sep.	2,070	2,130	955	3,870*	1,393	346*	3,600*	6,520	18,814	30,595	4,020
Oct.	2,095	2,130	955	3,870*	1,393	350*	3,600*	6,560	18,818	30,637	4,020
Nov.	2,395	2,130	955	3,870*	1,348	350*	3,600*	6,730	18,983	29,610	4,020
Dec.	2,235	2,130	955	3,870*	1,360	600*	3,600*	6,730	19,245	26,395	4,020
2018											
Jan.	1,955	2,130	955	3,956*	1,347	600*	3,600*	6,730	19,318	25,885	4,020
Feb.	1,720	2,130	955	3,956*	1,384	600*	3,600*	6,730	19,318	26,506	4,020
Mar.	2,060	2,130	955	3,956*	1,384	732*	3,600*	6,330	19,087	25,753	4,020
Apr.	2,225	2,130	955	3,956*	1,222	732*	3,600*	6,430	19,025	26,735	4,020
May.	2,420	2,130	955	3,956*	1,184	732*	0	6,430	15,387	24,661	4,020
Jun.	3,130	2,130	955	3,198*	1,184	407*	0	6,430	14,304	25,151	4,020
Jul.	2,970	2,130	955	3,246*	1,134	407*	3,600*	6,400	17,872	27,857	4,020
Aug.	2,940	2,130	955	3,246*	1,093	407*	3,600*	6,310	17,741	26,728	4,020
Sep.	2,865	2,130	955	3,246*	1,414	677*	3,600*	6,310	18,332	27,715	4,020
Oct.	3,085	2,130	955	3,246*	1,414	677*	3,600*	6,310	15,332	25,139	4,020
Nov.	3,045	2,130	955	3,246*	1,510	677*	3,600*	5,610	17,728	29,299	4,020
Dec.	2,165	2,130	955	2,587*	1,469	439*	3,600*	5,610	16,790	27,226	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*	1,573	181*	3,600*	4,460	21,499	24,211	4,020
Sep.	1,235	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

Sources : 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

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

* : 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.	n.y.a	n.y.a	66	n.y.a	n.y.a
Feb.	n.y.a	n.y.a	37	n.y.a	n.y.a
Mar.	n.y.a	n.y.a	68	n.y.a	n.y.a
Apr.	n.y.a	n.y.a	68	n.y.a	n.y.a
May	n.y.a	n.y.a	46	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	64	n.y.a	n.y.a
Aug.	n.y.a	n.y.a	57	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.

WORLD MINE PRODUCTION (In Tonnes)

[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
EUROPE						Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
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	
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	
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	
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	
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	
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	
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	
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	
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	
Hungary	145	1,177	2,050	2,036	1,714	190	190	150	150	150	100	100	100	75	70	100	100	185	150	189	150	162	150	120	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	
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	
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	
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	
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	
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	
Romania	336	516	866	551	442	25	25	20	20	20	20	20	10	20	20	30	50	65	50	63	60	47	60	52	60	
Russia	995	1,339	495	1,914	1,443	122	136	136	190	190	160	105	85	85	130	170	84	145	78	56	225	377	364	406	400	
Slovakia	465	645	767	593	614	48	45	69	93	23	25	93	45	46	45	36	65	23	25	40	80	24	88	91	42	
Spain	1,495	1,605	1,652	1,563	1,898	205	140	120	245	120	60	60	90	150	150	150	150	127	150	95	120	138	120	136	100	
Sweden	6,492	5,457	6,020	5,835	5,343	530	500	350	487	500	386	250	400	350	482	388	388	591	327	767	650	612	500	315	300	
Switzerland	47	69	45	60	44	6	6	3	3	3	3	3	3	3	3	10	10	7	5	1	4	4	4	1	4	
United Kingdom	979	936	961	262	102	15	12	8	12	9	6	7	7	6	9	10	12	1	2	5	3	10	12	3	7	
Yugoslavia	1,080	1,080	1,080	1,080	240	90	90	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	
Other Europe	720	720	720	720	530	60	60	50	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	
AFRICA																										
Egypt	107	119	225	174	139	13	10	10	0	0	12	12	5	10	5	8	8	5	5	0	5	20	20	20	0	
Morocco	21	15	22	20	22	3	3	0	3	0	4	4	1	2	0	2	2	0	3	0	1	3	3	0	0	
Nigeria	300	623	1,436	1,322	240	20	20	20	20	20	20	20	20	20	20	20	20	20	20	0	20	20	20	20	0	
South Africa	1,047	957	633	604	326	50	50	50	30	45	24	0	0	24	24	82	10	10	8	13	73	48	60	9	9	
Other Africa	720	720	720	720	530	60	60	50	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	
ASIA																										
China	191,415	183,391	174,183	177,891	216,152	8,926	11,175	12,672	14,716	16,382	14,851	15,220	12,330	18,773	20,084	19,332	22,804	21,231	18,656	19,102	23,229	18,203	21,532	9,746	16,493	
Hong Kong	1,800	1,800	3,300	3,600	480	70	39	69	40	40	40	40	40	40	40	40	40	40	24	63	130	130	130	130	130	
India	9,088	9,861	11,365	10,615	9,734	972	1,000	700	840	840	400	400	600	500	1,000	1,332	1,000	1,013	1,000	1,000	1,000	600	600	652	700	
Indonesia	1,200	1,200	1,200	1,200	1,200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
Iran	987	1,058	1,203	2,221	2,261	120	120	100	225	200	200	200	200	200	200	180	180	180	180	180	180	180	100	100	100	
Japan	26,113	29,111	28,084	24,905	20,198	2,551	1,484	1,936	1,697	2,138	1,697	1,479	1,337	1,599	1,521	1,644	1,448	2,314	2,236	2,626	2,002	2,405	3,135	2,219	2,296	
Kazakhstan	490	431	405	350	287	20	2	52	52	50	18	18	54	52	55	0	0	0	0	0	0	0	0	0	0	
Malaysia	1,560	1,560	1,560	1,560	1,560	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	
Pakistan	279	300	489	311	194	10	10	20	25	25	25	25	25	25	25	15	15	13	13	10	21	21	23	21	21	
Philippines	506	220	307	1,385	776	120	100	100	17	20	116	100	120	60	60	40	40	40	40	79	40	34	92	120	58	
Singapore	1,960	1,920	1,920	1,920	1,720	160	160	140	140	140	140	140	140	140	140	140	140	160	160	160	160	160	160	160	160	
South Korea	14,199	13,112	13,927	11,957	13,405	1,265	763	1,880	844	1,274	670	1,150	832	1,420	843	1,293	1,171	897	882	1,270	1,895	1,142	1,076	1,187	984	
Syria	120	120	120	0	0	0	0	0	0	0	0	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	375	310	679	614	409	959	900	960	960	850	919	900	603	642	963	800	1,273	1,200	1,444	144	
Thailand	3,131	4,259	3,000	3,000	3,000	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	
Turkey	2,416	3,110	3,215	3,202	3,746	231	387	378	278	333	340	151	481	182	205	343	361	256	376	308	247	450	450	537	261	
United Arab Emirates	4,800	4,800	3,600	3,600	2,160	300	300	200	600	600	200	200	200	200	200	180	180	180	180	180	180	180	180	180	180	
Vietnam	6,000	6,000	4,200	3,600	4,639	300	300	300	300	300	400	400	400	400	400	400	400	433	381	388	380	380	380	380	380	
Other Asia	2,160	2,160	2,160	2,160	1,690	180	180	160	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	
AMERICA																										
Argentina	878	596	674	420	1,108	33	60	53	96	33	274	86	96	80	103	65	128	40	30	115	116	83	85	39	104	
Bolivia	480	480	480	480	480	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	
Brazil	17,258	10,009	9,357	9,398	3,333	936	844	829	847	1,037	471	500	181	181	100	109	108	147	192	191	258	290	330	298	137	
Canada	2,887	2,562	2,489	2,387	1,871	218	201	114	190	108	83	174	119	224	119	156	165	210	182	282	237	334	153	341	155	
Chile	111	82	95	111	133	15	5	0	3	20	10	16	11	17	19	1	16	5	5	14	14	17	22	22	13	
Colombia	300	280	271	248	237	30	30	6	7	0	23	20	30	15	10	29	20	16	15	13	20	0	10	9	9	
Mexico	4,160	4,197	4,906	4,779	4,406	433	400	200	306	300	456	450	450	450	250	362	400	400	400	317	300	300	300	320	300	
Peru	216	216	216	216	198	18	18	18	0	18	18	18	18	18	18	18	18	18	18	18	18	18	18</			

Source : World Bureau of Metal Statistics