



## MAY TIN MARKET REVIEW

### Kuala Lumpur Tin Market (KLTM)

Tin trading on the KLTM during the month of May was mixed. The tin price was on an uptrend during the first, third and final trading weeks and was on a decline during the other weeks. Tin was traded during the month within a wide price range of US\$2,100 per tonne.

The local physical tin market opened the trading month at US\$30,250 per tonne, being the lowest price level for the month and stayed unchanged afterwards. It, however, rose substantially towards end of the trading week to record its highest price level for the month at US\$32,350 per tonne on 7<sup>th</sup> May, reflecting the local physical tin market's alignment with the rising London Metal Exchange (LME) tin trading. It was the month's most active trading week, recording the highest trading volume at 101 tonnes.

The market softened during the early days of the second trading week before staying unchanged during mid-week. The decline was due to weak demand as sellers dominated the market, taking advantage from the earlier high prices. It was a short 3-day trading week with total turnover recorded at only 43 tonnes.

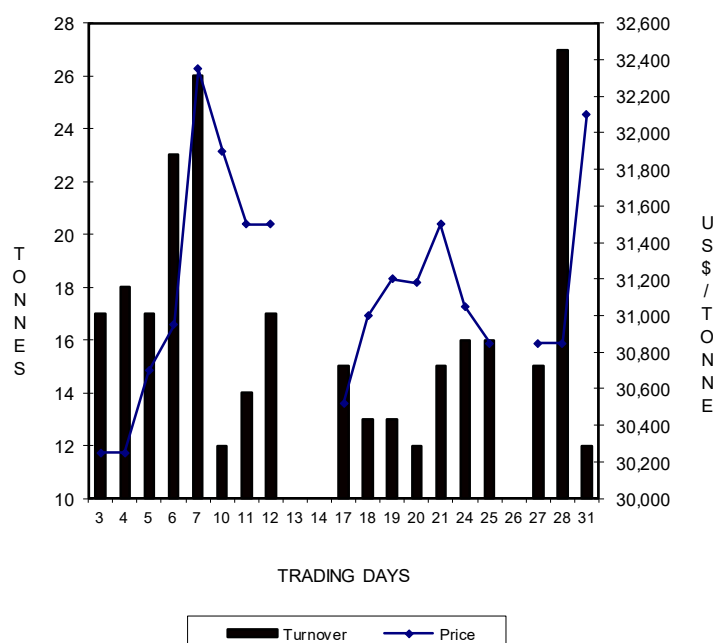
The tin price declined further at the opening of the third trading week. Backed by strong demand, it rebounded thereafter to end the trading week much higher. Total turnover for the week rose to 68 tonnes.

The tin price softened during the early days of the fourth trading week due to weak demand before staying flat towards end of the week. Total turnover for the week, however, rose to 74 tonnes.

The shortened final trading week of only one trading day saw the tin price rose substantially to close the trading month at US\$32,100 per tonne with trading volume at only 12 tonnes. The rise was due to strong demand and in-line with the higher tin prices on the LME.

The average tin price recorded for May was US\$31,132 per tonne, lower than the April's average of US\$27,106 per tonne. The market traded during the month within a price range of US\$30,250 to US\$32,350 per tonne. The average daily turnover recorded for May was 17 tonnes, one tonne higher than the April's average of 16 tonnes. The highest daily turnover recorded for the month was 27 tonnes and the lowest was 12 tonnes. There were 18 days of trading on the KLTM in May as the market was closed for the Hari Raya Aidilfitri and Wesak holidays.

KLTM PRICES  
MAY 2021



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## London Metal Exchange (LME)

Tin trading on the LME in May was also mixed, as market sentiment remained largely uncertain, in line with the trading of other base-metals on the Exchange.

The tin price opened the trading month at US\$32,397 per tonne for cash tin and US\$29,004 per tonne for 3-month tin, with the latter being its lowest price level for the month. It strengthened, thereafter, to record the month's highest price level for cash tin at US\$34,462 per tonne on 6<sup>th</sup> May before easing at end of the trading week due to a technical correction.

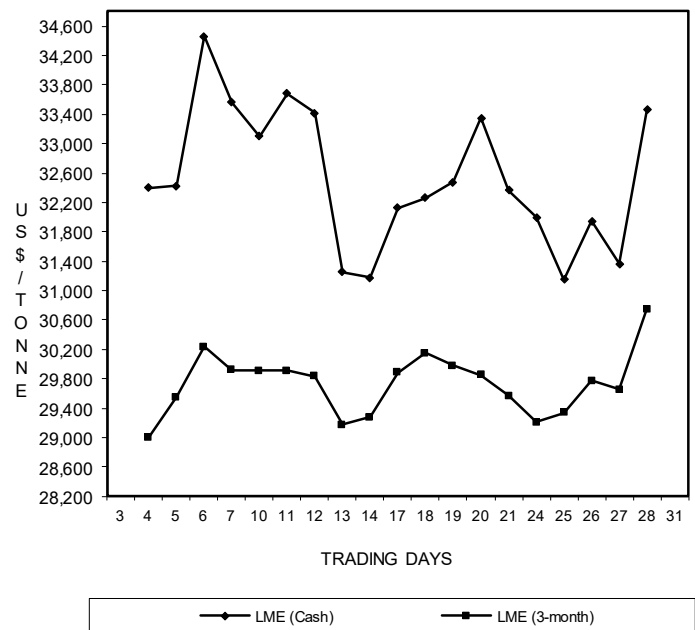
During the second trading week, the tin price stayed somewhat flat during the early days of the week before softening to end the week lower.

The tin price rebounded at the opening of the third trading week and continued to increase subsequently before softening towards end of the week. The mixed tin trading pattern during the week followed the same pattern as that for the other base-metals traded on the Exchange.

During the fourth and final trading week, tin was mostly traded on an uptrend with technical corrections in between. It was during one of these technical corrections that the month's lowest price level for cash tin was recorded at US\$31,147 per tonne on 25<sup>th</sup> May. Tin trading closed the month higher at US\$33,456 per tonne for cash tin and US\$30,749 per tonne for 3-month tin, with the latter being May's highest price level. The incline was due to a dearth of sellers with buyers eager to trade.

The month's average LME cash tin price was US\$15,410 per tonne while the average price for 3-month tin was US\$15,231 per tonne. There were 19 days of trading on the LME in May.

**LME TIN PRICES  
MAY 2021**



## NEWS HIGHLIGHT

### Tin Price Expected to rise to US\$31,200 - US\$32,000 per tonne this Week

The Kuala Lumpur Tin Market (KLTM) is expected to rebound this week on a technical correction, said a dealer. He said the metal's price would likely hover between US\$31,200 and US\$32,000 per tonne. "The tin price had softened during the first two days of last week, so buyers are likely to take advantage of the lower price. And in anticipation of the huge demand, this will help push the price higher this week."

Furthermore, he said there would likely be active trading after the Hari Raya break. For the week just ended, the KLTM traded lower due to weaker demand for the commodity as well as tracking the downward momentum in the London Metal Exchange (LME).

The local tin price closed at US\$31,500 a tonne last week against US\$32,350 a tonne in the previous week. Traders were mainly from China, followed by those from South Korea, Japan, Taiwan, Europe, Pakistan, and Bangladesh.

Weekly turnover shrank to 43 tonnes from 101 tonnes previously. The price differential between the KLTM and LME dipped to a premium of US\$1,500 a tonne from a premium of US\$2,180 in the previous Friday.

(Source: New Straits Times, 17 May 2021)

## NEWS ROUND-UP

### AfriTin Confirms Uis Expansion Feasibility

AfriTin Mining has released the Definitive Feasibility Study (DFS) results of its Uis Tin Mine, which confirms the feasibility of expanding the current Phase 1 processing plant from an annual production of 720 to 1,200 tonnes of tin concentrate.

AfriTin obtained the mining licence for the historic Uis mine in 2017. Between 1958 and 1990, the mine was operated by ISCOR of South Africa. Ore reserve, during the period, was estimated at 75.3 million tonnes with 102,920 tonnes of tin content.

AfriTin had initially published an ore resource for Uis containing 71.54 million tonnes of ore at 0.134 per cent tin and 0.0085 per cent tantalum. For its recent announcement, however, the company had collected enough data to publish a mineral reserve. The reserves contain 12.59 million tonnes of proven reserves with some 17,548 tonnes of tin content, and a probable reserve of some 3.03 million tonnes of ore with about 3,988 tonnes of metal.

AfriTin had mined some 250 tonnes of tin-in-concentrate since taking over the Uis mine. Towards end of 2020, the mine reached nameplate capacity and has been operating above this mark for several months. However, the company is looking to improve this further and plans to increase production by some 67 per cent.

AfriTin plans to invest some US\$5.7 million to re-configure its processing plant by installing additional gravity separation spirals to re-process tin middlings and replacing the existing shaking tables with more modern Holman tables. Changes to the dense media separation systems (DMS) will improve operability and stability. The re-configuration work will increase ore throughput by 50 per cent and also increase tin recovery from 60 per cent to 64 per cent.

The upgrade project has robust economics, with a Net Present Value (NPV) of US\$12.1 million and an Internal Rate of Return (IRR) of 54 per cent. AfriTin aims to lower the operating costs of the mine to a direct cash costs of US\$14,802 per tonne tin. Smelter charges of US\$1,577 per tonne tin will apply on top of this. According to the company's spokesman; "We are especially pleased with the robust economics of the study which provide us with an opportunity to substantially increase the revenue and profit margin of the current operation".

AfriTin plans to complete the expansion project within eight months of starting, including a two-week plant shutdown while it is re-configured. Aside from this, production at Uis will continue as normal.

### Yunnan Private Smelters Stopped Operation Due to Limited Power Supply

The majority of China's tin smelters are concentrated in Yunnan province, in the southwest of the country. In early May, the Yunnan Power Grid issued a notice to all companies to reduce their electricity consumption due to production issues.

Hydropower is the main electricity source in Yunnan province, with coal, wind and solar power supplementing it. However, due to droughts in the region this year, water levels in the main reservoirs have reduced substantially. Together with re-

duced coal storage, Yunnan has struggled to keep power generation at normal levels. As a result, smelters in the region are asked to reduce their power consumption.

According to research by the International Tin Association (ITA), only private smelters are impacted, and have to stop both their smelting and refining operations.

### Goma Volcano Eruption Disrupted Tin Ore Exports

The eruption of the Nyiragongo volcano located to the north of Goma city, on the border of the Democratic Republic of Congo (DRC) and Rwanda, has temporarily disrupted tin concentrate supply. The eruption, occurred on 22 May 2021, was followed by several earthquakes, with the largest magnitude of 5.1, damaged buildings across the city.

The extent of the damage has raised concerns in the tin industry that much-needed concentrate will face export disruption. The DRC produces about 8 per cent of the world's tin-in-concentrate, and is an integral part of the supply chain for

both Asian and Chinese smelters. North Kivu, of which Goma is the provincial capital, is one of the main tin-producing regions of the country.

Alphamin, the major tin producer in the region, issued a statement on 26 May 2021 stating that its export routes do not transverse Goma. Instead, their material heads north, crossing the city of Beni which then crosses into Uganda, to Gerald Metals' depots in Kampala. The final stop is Mombasa, Kenya, where the material is shipped to smelters in Asia.

While some tin concentrate from other producers do traverse Goma itself, there has not been any reported infrastructure damage. There have been reports suggesting that some 200 to 250 tonnes of concentrate in gross weight move through Goma every month. The tin concentrate usually contains around 50 to 70 per cent metal, meaning that some 100 to 175 tonnes tin-in-concentrate could be disrupted.

Goma city is home to several important government offices, including those that issue export licences. These offices have been closed due to the damage in the city. Alphamin, through its statement on 26 May, expected that export permitting "to return to normal in the first week of June".

Despite this expectation by the company, the DRC government has since ordered parts of Goma to evacuate for reason that there might be further earthquakes, eruptions, and destabilisation of dangerous gases under Lake Kivu. The release of the dangerous gases under Lake Kivu has potentially catastrophic consequences.

*(Source: International Tin Association Ltd. UK)*

## SPECIAL ARTICLE

### Tin Miner, NGO Team Up to Save Protected Species

Since 2014, 7,122 endangered animals in Bangka Belitung have been rescued by Indonesia's state-owned tin mining company PT Timah Tbk, in co-operation with the Alobi Animal Rescue Centre, Antara News reports. The conservation institute's head, Langka Sani, said 150 protected animals were being rehabilitated at the Kampoeng Reklamasi PT Timah Tbk Air Jangkang Bangka facility.

Langka was speaking after releasing four eagles at the Munjang mangrove forest in Central Bangka on Tuesday. Besides eagles, other endangered species rescued and rehabilitated at the facility were slow loris, civets, peacocks, cockatoos and deer. Langka said it took about 14 months to rehabilitate an animal before its release.

"The species are usually released into protected forests, such as Gunung Mangkol, Menumbing and Lembah Nenek." Langka said the institute would continue surveillance on released animals to ensure they adapted to the wild habitat. "We monitor the species manually because if we use global positioning system, we will need a considerable amount of funding."

PT Timah Tbk public relations chief Anggie Sihaan said the reclamation village served not only as a new tourist site, but also as an endangered animal conservation area.

*(Source: New Straits Times, 27 May 2021)*



## 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	23,004	33,151	4,020
Mar.	1,740	2,130	955	8600*	1,578	181*	3600*	4,540	21,584	31,739	4,020
Apr.	1,245	2,130	955	8600*	1,578	181*	3600*	4,540	21,584	30,492	4,020
May	755	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**	2,961	10	1,534	-	-	-	-	-	-	2,779	10	1,348	-	-	-	124	-	-	57	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.	288	12	1,434	-	-	-	-	-	-	273.0	12	1,248	-	-	-	11.4	-	-	3.6	11	186
Feb.	265	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

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*	2,961	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.	288	2,136	2,314	93	2,180
Feb.	265	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

\* : 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

\* : 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)

	2016	2017	2018	2019	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2021	2021	2021	2021
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
<b>EUROPE</b>																					
Portugal	48	56	60	108	108	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Spain	7	23	32	147	74	-	-	-	7	6	7	7	7	7	7	7	7	0	0	0	0
Russia	1,140	702	1,200	2,264	2,538	200	200	200	200	200	200	200	200	200	200	211	212	200	200	200	200
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>AFRICA</b>																					
Burundi	51	123	126	143	121	-	-	-	-	26	-	10	10	10	10	10	0	12	10	11	13
Democ. Rep. Congo	4,128	7,145	9,000	6,250	13,508	500	500	500	400	400	1,341	1,063	1,252	1,218	1,000	1,200	1,200	1,200	1,200	1,200	1,200
Egypt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	3,827	5,964	8,784	7,020	5,848	345	345	300	340	340	300	300	300	500	500	500	500	575	550	500	500
Rwanda	2,621	3,508	2,400	2,223	1,692	155	91	133	50	50	50	120	151	118	-	75	75	200	200	200	200
South Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zimbabwe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanzania	104	68	6	18	1,600	-	-	-	200	100	100	100	100	100	100	100	100	100	100	100	100
Uganda	-	66	53	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>ASIA</b>																					
China	153,100	163,000	157,500	142,900	161,300	7,500	7,500	7,500	11,300	11,300	8,700	9,000	9,000	15,100	16,400	13,300	17,500	17,000	17,000	14,500	18,700
Indonesia	60,000	60,000	84,000	86,400	65,400	7,200	7,200	7,200	6,000	6,000	6,000	6,000	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	190	172	120	50	50	94	199	57	60	50	150	150	50	50	104	62
Malaysia	4,123	3,967	3,999	4,080	3,183	340	340	340	340	340	265	265	265	265	265	265	265	265	265	265	265
Mongolia	36	50	60	110	120	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Myanmar	47,435	58,883	45,900	33,750	29,100	2,300	2,300	2,700	1,600	1,600	3,100	2,800	1,500	1,500	2,000	3,000	3,000	1,750	1,648	3,633	3,270
Thailand	124	705	720	720	720	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Vietnam	5,520	4,560	4,560	5,520	5,420	460	460	450	450	450	450	450	450	450	450	450	450	450	450	450	450
<b>AMERICA</b>																					
Bolivia	17,614	17,973	17,259	17,194	14,710	1,500	1,500	1,500	1,000	1,000	1,000	1,000	700	700	700	1,000	1,000	1,600	1,700	1,700	1,700
Brazil	25,500	18,000	18,000	18,000	15,000	1,500	1,500	1,500	1,500	1,500	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250
Peru	18,789	17,790	18,601	19,683	20,647	1,600	1,600	1,000	0	1,218	1,461	2,158	1,895	2,220	2,156	2,097	2,464	2,101	1,949	2,385	2,338
U.S.A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>OCEANIA</b>																					
Australia	6,635	7,217	6,871	7,738	7,836	500	500	580	604	604	604	600	600	775	775	775	775	500	500	500	500
<b>WORLD TOTAL</b>	<b>351,948</b>	<b>370,299</b>	<b>379,482</b>	<b>355,116</b>	<b>320,452</b>	<b>24,369</b>	<b>24,287</b>	<b>24,102</b>	<b>23,913</b>	<b>25,131</b>	<b>22,010</b>	<b>22,818</b>	<b>19,992</b>	<b>27,648</b>	<b>28,992</b>	<b>27,219</b>	<b>31,777</b>	<b>29,482</b>	<b>29,201</b>	<b>32,146</b>	<b>35,867</b>

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	2021	2021	2021	2021
EUROPE						Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
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
Belgium	2,400	697	720	720	720	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
Czech Republic	515	532	603	605	335	29	43	44	10	7	41	40	60	16	16	25	25	48	39	25	42
Denmark	3	17	7	1	10	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	0
Finland	86	51	77	94	72	3	3	6	5	5	7	7	5	1	10	3	3	8	7	7	7
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
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
Greece	632	600	646	634	637	51	50	53	61	51	58	58	52	52	52	51	51	50	58	51	52
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
Ireland	4	0	2	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
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
Norway	0	1	1	1	10	8	5	0	2	1	0	0	0	0	0	1	0	2	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
Portugal	554	856	891	831	463	44	57	109	56	127	100	100	29	10	10	90	90	88	57	87	42
Romania	336	516	866	551	442	25	25	20	20	20	20	20	20	20	20	30	50	65	50	63	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
Slovakia	465	645	767	593	614	48	45	69	93	23	25	93	45	46	45	36	65	23	25	40	80
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
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
Switzerland	47	69	45	60	44	6	6	3	3	3	3	3	3	3	3	10	10	7	5	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
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
Other Europe	720	720	720	720	530	60	60	50	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
Morocco	21	15	22	20	22	3	3	0	3	0	4	4	1	2	0	2	2	0	3	0	1
Nigeria	300	623	1,436	1,322	240	20	20	20	20	20	20	20	20	20	20	20	20	20	20	0	20
South Africa	1,047	957	633	604	326	50	50	50	30	45	24	0	0	24	24	82	10	10	10	8	13
Other Africa	720	720	720	720	530	60	60	50	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
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
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
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
Iran	987	1,058	1,573	2,221	2,261	120	120	100	225	200	200	200	200	200	200	180	180	180	180	180	180
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
Kazakhstan	490	431	405	350	287	20	2	52	52	50	18	18	54	52	55	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
Pakistan	279	300	489	311	194	10	10	20	25	25	25	25	25	25	25	15	15	13	13	10	10
Philippines	506	220	307	1,385	776	120	100	100	17	20	116	100	120	60	60	40	40	40	40	79	40
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
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
Syria	120	120	120	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
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
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
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
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
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
AMERICA																					
Argentina	878	596	674	420	1,108	33	60	53	96	33	274	86	96	80	103	65	128	40	30	115	116
Bolivia	480	480	480	480	480	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
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
Chile	111	82	95	111	133	15	5	0	3	20	10	16	11	17	19	1	16	5	5	14	14
Colombia	300	280	271	248	237	30	30	6	7	0	23	20	30	15	10	29	20	16	15	13	20
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
Peru	216	216	216	216	198	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
U.S.A.	29,455	31,476	34,664	31,057	29,191	3,373	2,784	4,894	2,868	2,403	1,170	2,018	1,725	1,891	1,895	2,376	2,123	1,948	2,411	2,483	2,443
Venezuela	59	19	16	12	10	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
Other America	420	420	420	420	275	35	35	25	20	20	20	20	20	20	20	20	20	20	20	20	20
OCEANIA																					
Australia	215	259	284	375	255	20	20	45	1	45	0	10	3	20	20	19	22	25	0	40	21
New Zealand	7	49	46	41	30	5	0	0	0	0	5	1	0	0	0	18	1	5	0	20	0
WORLD TOTAL	387,563	381,702	378,582	368,742	384,161	26,609	26,234	30,723	30,573	32,060	27,656	28,720	25,214	31,567	32,406	33,304	35,782	35,009	32,441	35,245	38,879