



AUGUST TIN MARKET REVIEW

Kuala Lumpur Tin Market (KLTM)

The KLTM remained closed during the month of August. Trading on the local physical tin market continued to be suspended since 9 June 2021 following the Force Majeure declaration by Malaysia Smelting Corporation Berhad (MSC) effective 7 June 2021. The continuing imposition of the Movement Control Order (MCO) by the Malaysian Government to curtail the Covid-19 pandemic indirectly contributed to the suspension.

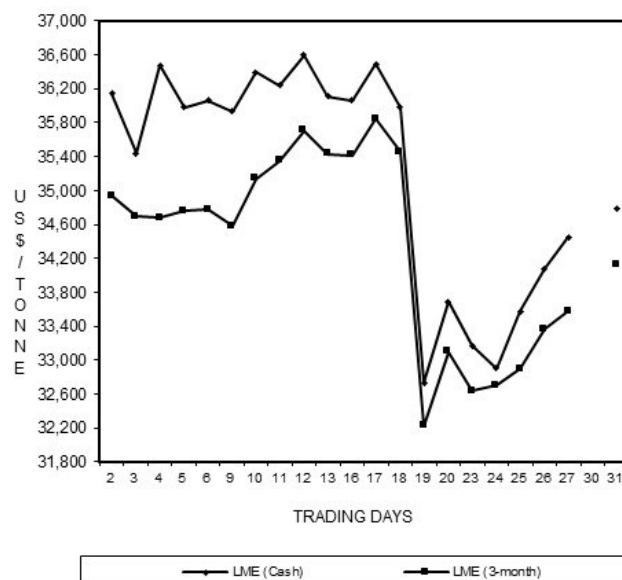
London Metal Exchange (LME)

Tin trading on the LME during the month of August was conducted within a wide price range of some US\$4,000 per tonne. The month's average cash and 3-month tin prices of US\$35,205 and US\$34,352 per tonne, respectively were much higher than those recorded in July. The market in August was mostly volatile with a substantial decline during mid-month, influenced largely by uncertainty in market sentiments.

The market kicked off the first trading week at US\$36,141 per tonne for cash tin and US\$34,938 per tonne for 3-month tin before staying somewhat flat towards end of the week.

The tin price rose during the second trading week to record the month's peak level for cash tin at US\$36,594 per tonne on 12th August. The incline was due to strong demand which

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AUGUST 2021



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came particularly from overseas interests resulting from the weakening US dollar.

Backed by strong demand, the market strengthened during the second day of the third trading week to record the month's highest price level for 3-month tin at US\$35,844 per tonne on 17th August. The price rise did not sustain as a major correction came after that resulting in the tin price plunging substantially during mid-week. On 19th August it recorded the month's lowest price level at US\$32,735 per tonne for cash tin and at US\$32,222 per tonne for 3-month tin. The market, however, recovered somewhat at end of the trading week. According to a trader, the decline was due to profit taking by investment funds, which took advantage from the earlier higher prices.

The tin price slid during the early days of the fourth trading week before rising to end the week higher.

The upward momentum continued on the only trading day of the short final trading week to end the trading month a bit higher at US\$34,781 and US\$34,127 per tonne for cash and three-month tin, respectively.

NEWS ROUND-UP

Huanuni's Lucianita Plant Starting Operations

Bolivia's EM Huanuni tin mine is reported to have begun operating its Lucianita processing plant only recently, although earlier this year its owner, COMIBOL, had announced that operation would start in May.

The plant is to replace the aging Santa Elena and Machacamarca units, and its construction completed in 2015. However, due to issues like lacking in water recirculation system, the plant could not start its ore processing immediately. Efforts to bring the plant online in 2018 was also unsuccessful due to electrical and mechanical issues. Production at Huanuni has declined from 9,751 tonnes to a stable level of slightly over

7,000 tonnes. But 2020 output is excluded since it dropped significantly due to Covid-19 pandemic related closures.

The new infrastructure at Huanuni costing some US\$54 million aims to increase its processing capacity to 3,000 tonnes per day. This will almost double the mine's existing capacity and increase monthly tin production between 500 to 700 tonnes. According to Bolivia's Mining and Metallurgy Minister, "We hope to reach 1.6 per cent with a head grade and reach 500 metric tonnes per month and it will definitely position Huanuni as one of the best companies, not only here in Bolivia but also internationally."

Government Agencies Re-assessing their Tin Stockpiles

After a quiet recent past, the world's strategic stockpiles of base metals are again active in today's metals markets. But with regard to tin, they have been acting rather differently. There are three major strategic stockpiles that are active in the market; namely the US Defence Logistic Agency (DLA), the South Korean Public Procurement Service (PPS), and the Chinese National Food and Strategic Reserves Administration (NFSRA).

The US DLA stockpile has declined considerably since the 1960's, and now contains around 4,000 tonnes of tin. It has the oldest stockpile of commodities in the world.

Originally started in response to the outbreak of World War II, huge stocks were built up during the Cold War. The DLA stockpile once held over 300,000 tonnes of tin at its peak, together with a wide range of other materials. However, Congress authorised the disposal of 99 per cent of the material in 1993, leading to significant selloffs during the late 1990s and early 2000s. Since 2008, no sales of DLA tin were recorded, until 2021.

The South Korean PPS acts as both a commodities trader and strategic reserve. It was established in January 1949, just after the formation of the first South Korean government. Originally set up as the Provisional Office of Foreign Supply, its responsibility was to manage foreign aid supply. Its scope was expanded in 1961 to include domestic procurement. In 1967, it became the PPS and was assigned to stabilise supply, demand, and prices of major foreign raw materials. The PPS has been active in the tin market for some time as the country has little to zero domestic tin supply.

The Chinese NFSRA was initially set up to help manage the country's food imports. It now covers a wide range of commodities including base metals.

All three agencies are currently active in the metals market, but each are acting in different ways.

The DLA has sold some 400 tonnes of tin into the US market this year. With no significant local tin production, US consumers have problem with delayed and uncertain deliveries from South East Asia. Other than shipping issues, these consumers also have to pay record high premiums for the metal.

No matter how small the quantity, customers were generally keen on a local tin source, but the stockpiled tin still came with associated costs. The metal held by the DLA was originally produced at the Longhorn tin smelter in Texas and had degraded following long storage period. It needs to be remelting and upgrading to a higher quality before use.

According to sources at the DLA, the government agency has reportedly sold its last parcel of tin for 2021. However, in its annual plan published at the beginning of the year, the DLA was cleared to sell all of its tin stock of some 4,000 tonnes. It is likely that the agency will continue to sell small parcels of the metal in the US market if it remains stretched.

Like the American agency, the Chinese NFSRA has been selling commodities this year. The country's top officials have said that the increase in commodities prices will negatively impact the Chinese economy. China's economy still depends heavily on manufacturing and if prices are too high, the industry will slow down and halt the economy. In order to tone down the base metals bull market, the NFSRA has sold significant quantities of metals such as copper and aluminium. During its second batch of sales, some 170,000 tonnes of metals were sold.

NFSRA holds no tin. Thus, prices for the metal have continued to increase. Even though the local Yunnan government did set up a temporary stockpile of tin in 2019, it was aimed primarily at assisting companies with financing. However, despite the availability of financing for up to 40,000 tonnes, very little tin was put under the stockpile scheme. As it was meant for only one year, this financing facility had been returned since.

Yunnan Tin Posted Record Profits

Yunnan Tin Company (YTC), China's largest tin producer, posted record profits for the 2021 January to June period due to high base metals prices and improved production.

With much of the world investing in infrastructure to recover from the economic impacts of the Covid-19 pandemic, the price of most base metals have hit record highs. On the Shanghai Futures Exchange (SHFE), the main tin contract closing price averaged 183,231 RMB per tonne, up 39 per cent, year-on-year.

As a major producer of tin as well as copper, zinc, and other by-products, YTC has been well placed to take advantage of the buoyant market.

With extremely low Covid-19 infections in China, the company was able to rebound from a restricted 2020 to post improved production figures across its major products. The company's tin production (ingots and products) rose by 25.5

Unlike the American and Chinese, the South Korean stockpiling agency has been focusing on purchasing more metal. The PPS continually purchases tin and distributing it to smaller customers within South Korea. This year, the government agency is looking to expand its holding of base metals, possibly including tin. It is currently unknown how much tin the PPS holds, but in 2017 it was estimated that it stockpiled some 2,000 tonnes of tin as a reserve.

per cent to some 43,200 tonnes during the 2021 first half year period. Copper and zinc output rose 26.1 per cent and 11.1 per cent, respectively.

Meanwhile, sales also rose during that half year period of 2021 compared to 2020. Tin ingot sales increased by 59 per cent, year-on-year, while copper cathodes and zinc ingots rose by 17.1 per cent and 8 per cent, respectively.

YTC also produces some mid-stream tin-containing products. Tin solder and chemicals sales rose by 21 per cent and 12 per cent, respectively as tin-using companies further downstream looked to expand their business.

The combination of these improvements across the board have increased YTC's net attributable profit by 375 per cent to RMB960 million compared to last year, which is a new record for the company.

Despite Tighter Domestic Market, China's Tin Exports Rose

China's July tin exports rose, month-on-month, despite tighter supply in its domestic market. The country's offshore tin trade is determined by the arbitrage between the local price on the Shanghai Futures Exchange (SHFE) and the benchmark price from the London Metal Exchange (LME), used by the rest of the world.

Consumers in China were forced to pay higher prices or to turn to other sources of supply as Yunnan Tin Company (YTC), the country's and the world's largest tin producer was unable to produce metal in July. This included SHFE stocks, which declined some 400 tonnes over the course of the month.

The ex-China market, however, experienced a huge price increase in July due to significant supply challenges. Production from MSC, one of the world's major producers, remained

below full capacity, after being closed following Malaysia's strict measures in controlling the surging Covid-19 cases. LME Settlement prices reached US\$35,965 per tonne at end July, an increase of US\$3,175 per tonne compared to the start of the month.

Despite the price action across the two exchanges resulting in a closed arbitrage during July, exports remained high. This was likely due to delayed shipments under contracts that were negotiated when the arbitrage was stronger.

Some 2,276 tonnes of refined tin were exported in July, compared to only 135 tonnes being imported into China. Net exports rose by some 31 per cent to 2,141 tonnes, month-on-month.

(Source: International Tin Association Ltd. UK)

KLTM & LME TIN PRICES

Period	KLTM				LME	
	Average Price * (US\$/Tonne)	Exchange Rates	Average Daily Turnover (Tonnes)	Total Turnover (Tonnes)	Cash (US\$/Tonne)	3-Month (US\$/Tonne)
2016	17,528		47	11,568	17,982	17,889
2017	20,029		37	8,890	20,098	19,994
2018	20,151		37	9,075	20,168	20,086
2019	19,168		26	6,445	18,671	18,610
2020	17,504		19	4,088	17,134	17,079
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.	C L O S E D			15,039	14,949
	May				15,410	15,231
	Jun.	16,605	18	374	16,806	16,627
	Jul.	17,287	16	358	17,452	17,375
	Aug.	17,515	18	343	17,672	17,649
	Sep.	17,846	21	444	17,946	17,962
	Oct.	18,026	18	383	18,154	18,152
	Nov.	18,433	20	413	18,568	18,539
	Dec.	19,693	23	509	19,727	19,643
2021	Jan.	22,085	17	314	21,955	21,596
	Feb.	25,965	25	456	26,717	24,415
	Mar.	26,162	21	494	27,396	25,079
	Apr.	27,106	16	327	28,427	26,568
	May	31,132	17	298	32,524	29,736
	Jun.	31,857	12	61	32,678	30,829
	Jul.	C L O S E D			34,183	33,010
	Aug.				35,205	34,352
2021 AUG.	2	C L O S E D			36,141	34,938
	3				35,437	34,698
	4				36,475	34,678
	5				35,982	34,758
	6				36,065	34,771
	9				35,935	34,579
	10				36,395	35,138
	11				36,240	35,350
	12				36,594	35,708
	13				36,109	35,427
	16				36,064	35,417
	17				36,491	35,844
	18				35,985	35,455
	19				32,735	32,222
	20				33,693	33,100
	23				33,170	32,634
	24				32,905	32,703
	25				33,579	32,896
	26				34,077	33,366
	27				34,452	33,576
	30				C L O S E D	
	31					
					34,781	34,127

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*	4,550	21,589	27,062	4,020
Jul.	2,290	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

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 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
						Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
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	
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	
Bulgaria	101	1	117	210	240	25	25	25	25	25	25	25	25	25	25	20	20	24	20	31	30	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	
Denmark	3	17	7	1	10	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	0	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	
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	
Germany	18,242	20,284	20,236	18,441	14,898	1,521	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		
Greece	632	600	646	634	637	51	50	53	61	51	58	58	52	52	52	51	51	50	58	51	52	52	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	162	150	
Ireland	4	0	2	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	
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	
Norway	0	1	1	1	10	8	5	0	2	1	0	0	0	0	0	1	0	2	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	
Portugal	554	856	891	831	463	44	57	109	56	127	100	100	29	10	10	90	88	57	87	42	29	56		
Romania	336	516	866	551	442	25	25	20	20	20	20	20	20	20	20	30	50	65	50	63	60	47	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	
Slovakia	465	645	767	593	614	48	45	69	93	23	25	93	45	46	45	36	65	23	25	40	80	24	88	
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	
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	
Switzerland	47	69	45	60	44	6	6	3	3	3	3	3	3	3	3	10	10	7	5	1	4	4	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	
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	
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	
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	
Morocco	21	15	22	20	22	3	3	0	3	0	4	4	1	2	0	2	2	0	3	0	1	3	3	
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	
South Africa	1,047	957	633	604	326	50	50	50	30	45	24	0	0	24	24	82	10	10	10	8	13	73	48	
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	
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	
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	
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	
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	
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	180	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	
Kazakhstan	490	431	405	350	287	20	2	52	52	50	18	18	54	52	55	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	
Pakistan	279	300	489	311	194	10	10	20	25	25	25	25	25	25	25	15	15	13	13	10	10	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	
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	
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	
Syria	120	120	120	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	
Thailand	3,131	4,259	3,000	3,000	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	
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	
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	
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	
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	
Bolivia	480	480	480	480	480	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	
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	
Chile	111	82	95	111	133	15	5	0	3	20	10	16	11	17	19	1	16	5	5	14	14	17	22	
Colombia	300	280	271	248	237	30	30	6	7	0	23	20	30	15	10	29	20	16	15	13	20	0	10	
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	
Peru	216	216	216	216	198	18	18	18	0	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	2,547	2,244	
Venezuela	59	19	16	12	10	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	
Other America	420	420	420	420	275	35	35	25	20	20	20													