



MAY TIN MARKET REVIEW

Kuala Lumpur Tin Market (KLTM)

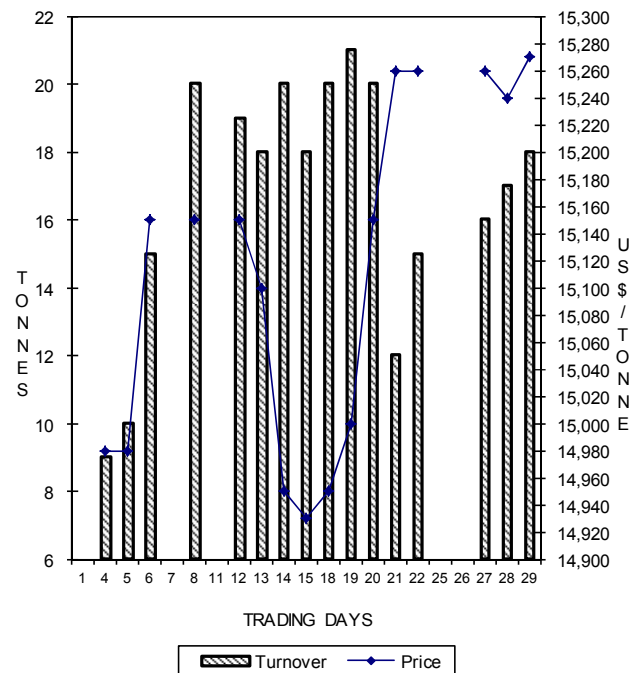
Tin trading on the KLTM during the month of May was mostly upbeat. Strong demand and tight supply were factors that contributed to the upward momentum.

The local physical tin market began trading during the month only on the second trading week. The tin price recorded at the opening was US\$14,980 per tonne and strengthened at end of the trading week at US\$15,150 per tonne. Total turnover for the week was 54 tonnes.

The market opened the third trading week at the same level as the previous week's closing. Thereafter, it declined towards end of the trading week to record the lowest price level for the month at US\$14,930 per tonne on 15th May. The decline was due to weak demand as sellers dominated the market during the period. Total turnover for the week, however, rose to 75 tonnes.

The fourth trading week started at US\$14,950 per tonne, slightly higher than the previous week's closing. The market strengthened further towards end of the trading week to

KLTM PRICES
MAY 2020



end the week much higher at US\$15,260 per tonne reflecting the local physical tin market's alignment with the London Metal Exchange's (LME) up-trend. It was the month's most active trading week as the trading volume rose further to 88 tonnes.

The tin price stayed unchanged at the opening of the final trading week. It slid subsequently before rebounding to record the highest price level for the month at US\$15,270 per tonne, which was also the closing price for the month. The rebound was due to strong demand and in-line with the higher tin prices on the LME. However, it was the month's least active trading week, recording the lowest volume of only 51 tonnes.

The average tin price recorded for May was US\$15,110 per tonne, lower than the March's average of US\$16,417 per tonne. The market traded during the month within a price range of US\$14,930 to US\$15,270 per tonne. The average daily turnover recorded for May was 17 tonnes, lower than the March's average of 20 tonnes. The highest daily turnover recorded for the month was 21 tonnes and the lowest was 9 tonnes. There were 16 days of trading on the KLTM in May as the market was closed for the Labour, Wesak, Nuzul Al-Quran and Hari Raya Aidilfitri holidays.

IN THIS ISSUE

MAY TIN MARKET REVIEW

KLTM | LME

NEWS ROUND UP

China's Tin Industry Recovering from Covid-19
Low CAPEX plan for Oropesa
Positive Result from Minsur despite Covid-19 Closure
China's Refined Tin Imports Continue to Rise

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

London Metal Exchange (LME)

Tin trading on the LME during early May was range bound before strengthening during the latter half of the month. The incline was due to a dearth of sellers' while buyers were eager to trade.

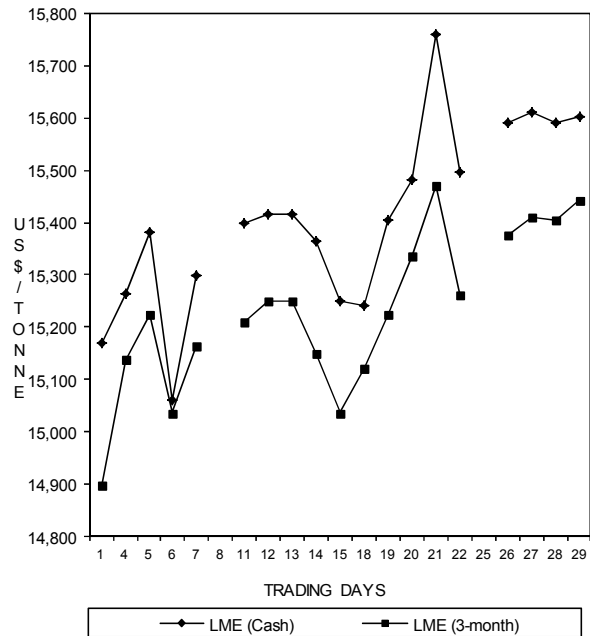
The tin price opened the trading month at US\$15,169 per tonne for cash tin and US\$14,897 per tonne for 3-month tin, with the latter being its lowest price level for the month. It was the only trading day of the first short trading week.

During the second trading week, the tin price strengthened at the opening before climbing further the subsequent day. It softened during middle of the trading week to record the month's lowest price level for cash tin at US\$15,060 per tonne on 6th May before rebounding at end of the week. The mixed trading pattern during the week was in line with the trading of other base-metals on the Exchange.

The tin price continued to strengthen during the first half of the third trading week. The upward momentum was due to heavy buying as traders took advantage from the earlier lower prices. It softened, thereafter, to end the trading week lower.

The market rebounded substantially during the fourth trading week to record the month's highest price level at US\$15,760 per tonne for cash tin and US\$15,470 per tonne for 3-month tin, both recorded on 21st May. The upward momentum was due to heavy buying. A technical correction, however, came into play pulling down the price at end of the trading week.

LME TIN PRICES
MAY 2020



The market rebounded at the opening of the final trading week before staying somewhat flat to finally closed the trading month at US\$15,602 per tonne for cash tin and US\$15,441 per tonne for 3-month tin, as market sentiment remained largely uncertain.

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.

NEWS ROUND UP

China's Tin Industry Recovering from Covid-19

China's tin industry was reported to be recovering from the Covid-19 pandemic. Imports of tin concentrate have returned to normal levels while imports of refined metal rose as demand increased.

According to China's Customs Department, the country imported 4,000 tonnes of tin-in-concentrate in March, an increase of 11 per cent, year-on-year. Imports of tin-in-concentrate from Myanmar rose by 19 per cent, year-on-year, to 3,700 tonnes.

The entire tin concentrate imported during the first quarter contained 11,000 tonnes of tin of which

9,900 tonnes were from Myanmar. These totals were lower by some 13 per cent and 11 per cent, year-on-year, respectively.

China's refined tin imports reached 1,180 tonnes in March. This exceeded the largest monthly imports since January and February last year. March's exports were 479 tonnes, with monthly net imports rose by 26 per cent to 721 tonnes. Refined tin imports from Indonesia, Thailand and Malaysia were 1,075, 59 and 20 tonnes, respectively.

Low CAPEX plan for Oropesa

Elementos Ltd had completed an economic study of its Oropesa tin project in Spain with an indicated annual production of 2,440 tonnes of tin-in-concentrate over a 14-year mine life.

From this 2,440 tonnes production of tin-in-concentrate, Oropesa could generate an annual profit of some US\$20 million at a tin price of US\$19,750. Oropesa would operate at a cash cost of US\$11,534 per tonne of tin. According to the company's spokesman, "the study demonstrates that Oropesa has the potential to deliver attractive financial returns at a relatively low capital cost".

For the Oropesa project, an exploration target was defined in early 2019, where it expected then to discover 35.5 – 51 million tonnes of ore grading between 0.46 per cent and 0.62 per cent Sn. In the latest study, the project has a JORC resource of 12.54 million tonnes at 0.54 per cent Sn for about 68,000 tonnes of tin. This is lower than the original exploration target because it uses a cut-off grade of 0.15 per cent Sn.

Some US\$52 million will need to be invested before mining can begin. This initial capital expenditure (CAPEX) puts Oropesa at the lower end of the tin project CAPEX curve.

Elementos estimates that it will take around four years to achieve full production once construction is completed. At nameplate capacity, 750,000 tonnes of ore will be processed each year to produce a 62 per cent tin concentrate.

The next plans for Oropesa are to complete a Definitive Feasibility Study and to finalise environmental permits. The company is also planning "further drilling to expand and upgrade the size of the existing resource and lower the overall waste-to-ore ratio for the project".

Positive Result from Minsur despite Covid-19 Closure

Minsur, a major Peruvian tin miner and smelter, has released its first quarter 2020 results, indicating a relatively positive quarter despite closure at its Peruvian operations at end of the period.

Ore treatment at its San Rafael-Pisco unit in Peru declined by some 42 per cent during the first quarter. While the plant was closed from 18 March, the lower volume of pre-concentrated ore (-28 per cent) also resulted in less ore treated. In addition, the plant was shutdown temporarily in February for maintenance.

The lower volume from San Rafael, however, was being offset partly from its B2 tailings project which began full operation in January, producing 613 tonnes of contained tin during the first quarter.

Although refined tin production from the company's smelter, Pisco, declined by 19 per cent, quarter-on-quarter, it increased 11 per cent during the first quarter compared to the first quarter of 2019. Its first quarter always record lower production each year, but is not a major concern to the company.

At Minsur's Brazilian subsidiary, Taboca, ore production and head grade were both higher than the first quarter of 2019. Ore production rose by 11 per cent, while tin grade increased to 0.20 per cent from 0.19 per cent due to the improved mining fleet at the Pitinga mine. The new trucks and equipment which arrived during the final quarter of 2019 helped boost operational performance and efficiency.

Although tin ore production increased, refined tin production at its Pirapora smelter declined by 9 per cent, year-on-year, due to lower volume of ore fed into the smelter. During the first quarter of 2019, it processed high volume of accumulated stocks.

The cash cost of treatment at San Rafael rose some 51 per cent, year-on-year, due to the lower volumes treated and fewer production days. However, the overall cash costs in Peru and Brazil fell. The costs at both operations, net of by-product, fell by 4 per cent.

China's Refined Tin Imports Continue to Rise

China continues to import large amounts of refined tin despite the wide arbitrage between the SHFE and LME tin prices. According to data from the country's Customs Department, China imported 1,183 tonnes of refined tin in April this year.

Although it was the same level as March's total, it was 773 per cent higher compared to April last year. The imports came mostly from Indonesia, Malaysia and Thailand amounting to 867, 165 and 110 tonnes, respectively.

Exports for the month were just 453 tonnes, lower by 1 per cent, month-on-month, and 61 per cent, year-on-year. Net trade, therefore, was strongly biased to imports during much of the year, with four

times as much refined tin coming in than going out of the country.

Tin concentrate imports from Myanmar declined further in April. The monthly tin content has been averaging some 4,500 tonnes so far this year, but April's imports declined by 41 per cent, month-on-month, and 33 per cent, year-on-year, to 2,200 tonnes. Total concentrate imports declined by 35 per cent, month-on-month, and 26 per cent, year-on-year, to 2,600 tonnes of tin-in-concentrate in April 2020.

(Source: International Tin Association Ltd. UK)

TIN STATISTICS

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)	
2010	20,061		62	15,599	20,406	20,430	
2011	26,235		47	11,387	26,113	26,128	
2012	21,193		42	10,206	21,114	21,125	
2013	22,322		39	9,530	22,316	22,328	
2014	21,737		44	10,822	21,916	21,909	
2015	16,015		52	12,679	16,084	16,046	
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	
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.	N.A	N.A	N.A	15,039	14,949	
	May	15,110	17	268	15,410	15,231	
2020	May						
	1		CLOSED		15,169	14,897	
	4	14,980	4.3445	65,081	15,265	15,138	
	5	14,980	4.3115	64,586	15,380	15,223	
	6	15,150	4.3125	65,334	15,060	15,036	
	7		CLOSED		15,298	15,164	
	8	15,150	4.3035	65,198	20	CLOSED	
	11		CLOSED		15,400	15,210	
	12	15,150	4.3520	65,933	19	15,417	15,250
	13	15,100	4.3390	65,519	18	15,417	15,250
	14	14,950	4.3400	64,883	20	15,363	15,150
	15	14,930	4.3500	64,946	18	15,250	15,036
	18	14,950	4.3565	65,130	20	15,240	15,120
	19	15,000	4.3545	65,318	21	15,405	15,225
	20	15,150	4.3575	66,016	20	15,483	15,336
	21	15,260	4.3550	66,457	12	15,760	15,470
	22	15,260	4.3600	66,534	15	15,495	15,260
	25		CLOSED			CLOSED	
	26		CLOSED		15,590		15,375
	27	15,260	4.3605	66,541	16	15,610	15,410
	28	15,240	4.3595	66,439	17	15,590	15,405
	29	15,270	4.3535	66,478	18	15,602	15,441

Sources : The Kuala Lumpur Tin Market Metal Bulletin

Note : As from 1 February 2001, KLTM price is quoted in U.S. Dollar
 As from July 2018 onwards, we will no longer publish the New York Spot Tin prices since the Metal Bulletin, which has been our primary source of the New York Spot Tin prices has now stopped publishing them.
 * KLTM's monthly average price is arrived at on a weighted average against total tonnage basis.
 N.A : Not Available

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			
2010	16,375	2,129	955	3,234	1,139	1,300	3,600	7,090	19,447	35,822	4,020
2011	12,095	2,129	955	3,265	1,278	1,300	3,600	6,800	19,327	31,422	4,020
2012	12,800	2,129	955	4,163	1,380	1,300	3,600	7,420	20,947	33,747	4,020
2013	9,660	2,129	955	1,192*	1,456	1,300	3,600	6,680	17,312	26,972	4,020
2014	12,135	2,129	955	6,266	1,324	888*	3,600	6,970	22,132	34,267	4,020
2015	6,140	2,129	955	5,838	1,349	730*	3,600	7,520	9,956	14,439	4,020
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	7,110	2,130	955	8600*	2,022	400*	3600*	5,510	23,217	35,678	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.	7,110	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*	4,820	22,546	36,171	4,020
Feb.	7,440	2,130	955	8600*	1,966	400*	3600*	4,820	22,471	36,301	4,020
Mar.	6,205	2,130	955	8600*	1,966	268*	3600*	4,820	22,339	32,983	4,020
Apr.	5,375	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 : Metal Bulletin

World Bureau of Metal Statistics

**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.
2010	2,668	12	1,352	54	2	44	6	1	26	2,051	9	849	-	-	-	283	-	-	274	25	433
2011	3,343	13	1,433	22	1	9	-	-	-	2,567	12	1,009	-	-	-	394	-	-	360	23	415
2012	3,725	13	1,464	-	-	-	-	-	-	2,788	13	987	-	-	-	289	-	-	650	23	477
2013	3,697	16	1,532	-	1	20	-	-	-	2,700	15	1,025	-	-	-	325	-	-	663	20	487
2014	3,777	18	1,538	2	1	20	-	-	-	2,912	18	1,090	-	-	-	379	-	-	484	19	448
2015	4,125	18	1,519	-	-	-	-	-	-	3,572	18	1,151	-	-	-	313	-	-	276	18	368
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**	3,597	12	1,387	-	-	-	-	-	-	3,090	12	1,201	-	-	-	244	-	-	263	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

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
2010	2,668	30,589	38,771	2,942	33,697
2011	3,343	30,031	40,281	2,341	42,302
2012	3,725	26,537	37,823	2,083	37,212
2013	3,697	30,273	32,633	1,835	36,363
2014	3,777	31,610	35,018	1,581	35,221
2015	4,125	31,965	30,260	1,900	38,319
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*	3,596	25,644	24,387	1,441	24,418
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	n.y.a	n.y.a	n.y.a	n.y.a
Feb.	265	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.

DOMESTIC TIN CONSUMPTIONS

(In Tonnes)

PERIOD	TOTAL CONSUMPTION	SOLDER *	TINPLATE	PEWTER	OTHERS *
2010	2,942	1,981	683	169	109
2011	2,341	1,458	665	108	110
2012	2,083	1,333	573	104	73
2013	1,835	1,078	561	100	96
2014	1,581	922	520	82	57
2015	1,900	1,133	608	77	82
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
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.	n.y.a	n.y.a	48	n.y.a	n.y.a
Feb.	n.y.a	n.y.a	52	n.y.a	n.y.a
Mar.	n.y.a	n.y.a	45	n.y.a	n.y.a
Apr.	n.y.a	n.y.a	53	n.y.a	n.y.a
May.	n.y.a	n.y.a	44	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

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 for which actual consumption data are available.

WORLD MINE PRODUCTION
(In Tonnes)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020	2020
										Jan	Feb	Mar
EUROPE												
Portugal	45	24	24	84	96	48	56	60	108	9	9	9
Russia	612	600	600	240	240	1,140	702	1,200	2,264	200	200	200
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
AFRICA												
Democ.Rep. Congo	4,800	2,462	5,220	4,116	2,977	4,128	7,145	9,000	6,250	500	500	500
Nigeria	1,800	2,400	2,590	2,425	2,100	3,827	5,964	8,784	7,020	345	345	300
Rwanda	4,167	3,493	3,600	4,245	2,017	2,621	3,508	2,400	2,223	155	91	133
South Africa	-	-	-	-	-	-	-	-	-	-	-	-
Zimbabwe	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	87	12	-	-	-	-	-	-	-	-
ASIA												
China	127,400	115,900	148,981	177,300	146,600	153,100	163,000	157,500	142,900	7,500	7,500	7,500
Indonesia	78,000	78,000	84,000	69,600	68,400	60,000	60,000	84,000	86,400	7,200	7,200	7,200
Kazakhstan	-	-	-	-	-	-	-	2	-	-	-	-
Laos	1,200	766	745	840	815	1,308	779	566	1,156	190	172	120
Malaysia	3,346	3,639	3,685	3,600	3,731	4,123	3,967	3,999	4,080	340	340	340
Mongolia	24	24	44	72	240	36	50	60	110	10	10	10
Myanmar	534	658	8,943	17,475	2,400	47,435	58,883	45,900	33,750	2,300	2,300	2,700
Thailand	252	199	119	131	45	124	705	720	720	60	60	60
Vietnam	5,400	5,400	5,400	5,400	3,600	5,520	4,560	4,560	5,520	460	460	450
AMERICA												
Bolivia	20,373	19,701	16,976	19,548	20,135	17,614	17,973	17,259	17,194	1,500	1,500	1,500
Brazil	8,200	10,800	13,800	13,800	13,800	25,500	18,000	18,000	18,000	1,500	1,500	1,500
Peru	29,022	26,097	23,661	12,105	19,511	18,789	17,790	18,601	19,683	1,600	1,600	1,000
U.S.A.	-	-	-	-	-	-	-	-	-	-	-	-
OCEANIA												
Australia	15,400	6,014	5,888	7,042	7,056	6,635	7,217	6,871	7,738	500	500	580
WORLD TOTAL	300,575	276,183	324,363	349,035	315,363	351,948	370,299	379,482	355,116	24,369	24,287	24,102

Source : World Bureau of Metal Statistics

WORLD REFINED TIN CONSUMPTION (In Tonnes)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020	2020
										Jan	Feb	Mar
EUROPE												
Austria	3,200	2,978	3,184	3,715	3,438	3,323	4,148	3,983	3,082	225	225	250
Belgium	6,584	5,231	5,400	2,400	2,400	2,400	697	720	720	60	60	60
Bulgaria	520	500	501	360	144	101	1	117	210	25	25	25
Czech Republic	470	474	379	300	460	515	532	603	605	29	43	44
Denmark	108	13	24	11	8	3	17	7	1	1	1	1
Finland	131	121	72	244	211	86	51	77	94	3	3	6
France	4,839	4,323	4,616	5,203	4,382	4,736	5,456	6,080	5,020	534	610	608
Germany	19,788	17,592	17,896	18,835	17,931	18,242	20,284	20,236	18,441	1,521	1,400	1,400
Greece	1,350	630	616	676	655	632	600	646	634	51	50	53
Hungary	106	105	111	109	163	145	1,177	2,050	2,036	190	190	150
Ireland	48	7	3	3	7	4	0	2	0	0	0	0
Italy	4,807	6,111	3,096	3,760	3,017	3,495	3,974	4,678	4,324	336	300	100
Netherlands	4,867	4,500	7,399	7,200	6,000	6,000	6,000	6,000	6,000	500	500	500
Norway	5	9	5	3	3	0	1	1	1	8	5	0
Poland	1,582	2,085	1,908	2,520	2,647	3,669	3,537	3,723	3,335	598	360	360
Portugal	529	435	356	482	408	554	856	891	831	44	57	109
Romania	1,140	960	3,200	960	840	336	516	866	551	25	25	20
Russia	2,960	3,039	3,196	1,516	1,262	995	1,339	495	1,914	122	136	136
Slovakia	400	240	202	404	501	465	645	767	593	48	45	69
Spain	2,032	1,303	1,913	1,470	1,864	1,495	1,605	1,652	1,563	205	140	120
Sweden	5,742	2,910	4,385	6,435	5,682	6,492	5,457	6,020	5,835	530	500	350
Switzerland	200	55	861	66	81	47	69	45	60	6	6	3
United Kingdom	703	780	821	794	962	979	936	961	262	15	12	8
Yugoslavia	2,390	1,320	1,140	1,080	1,080	1,080	1,080	1,080	1,080	90	90	80
Other Europe	900	720	720	720	720	720	720	720	720	60	60	50
AFRICA												
Egypt	400	110	104	0	155	107	119	225	174	13	10	10
Morocco	84	84	29	14	16	21	15	22	20	3	3	0
Nigeria	300	300	300	300	300	300	623	1,436	1,322	20	20	20
South Africa	1,464	1,200	1,152	1,243	1,129	1,047	957	633	604	50	50	50
Other Africa	900	720	720	720	720	720	720	720	720	60	60	50
ASIA												
China	180,812	176,404	168,194	192,610	175,842	191,415	183,391	174,183	177,891	8,926	11,175	12,672
Hong Kong	1,800	1,800	1,800	1,800	1,800	1,800	1,800	3,300	3,600	70	39	69
India	9,738	9,985	9,941	11,870	12,857	9,088	9,861	11,365	10,615	972	1,000	700
Indonesia	1,200	1,200	600	1,200	1,200	1,200	1,200	1,200	1,200	100	100	100
Iran	2,400	1,200	797	737	1,129	987	1,058	1,573	2,221	120	120	100
Japan	26,936	27,657	28,272	27,090	26,762	26,113	29,111	28,084	24,905	2,551	1,484	1,936
Kazakhstan	1,044	606	602	431	423	490	431	405	350	20	2	52
Malaysia	4,440	4,440	3,900	3,900	1,560	1,560	1,560	1,560	1,560	130	130	130
Pakistan	480	360	528	618	480	279	300	489	311	10	10	20
Philippines	217	122	143	225	118	506	220	307	1,385	120	100	100
Singapore	2,000	2,000	2,000	1,998	2,000	1,960	1,920	1,920	1,920	160	160	140
South Korea	14,404	16,238	14,533	13,772	13,091	14,199	13,112	13,927	11,957	1,265	763	1,880
Syria	180	120	0	120	120	120	120	120	0	0	0	0
Taiwan	8,093	7,071	5,883	4,583	4,703	4,140	4,494	4,576	4,569	375	310	679
Thailand	3,540	3,538	4,500	3,952	3,074	3,131	4,259	3,000	3,000	250	250	250
Turkey	2,422	2,135	2,337	2,259	2,136	2,416	3,110	3,215	3,202	231	387	378
United Arab Emirates	3,000	2,400	2,400	2,400	4,200	4,800	4,800	3,600	3,600	300	300	200
Vietnam	2,000	2,000	3,600	5,457	6,000	6,000	6,000	4,200	3,600	300	300	300
Other Asia	1,860	2,160	2,160	2,160	2,160	2,160	2,160	2,160	2,160	180	180	160
AMERICA												
Argentina	778	752	882	560	833	878	596	674	420	33	60	53
Bolivia	480	480	480	480	480	480	480	480	480	40	40	40
Brazil	5,628	3,546	6,073	4,600	4,606	17,258	10,009	9,357	9,398	936	844	829
Canada	2,882	2,601	2,360	2,740	3,238	2,887	2,562	2,489	2,387	218	201	114
Chile	242	199	132	96	152	111	82	95	111	15	5	0
Colombia	348	320	308	286	243	300	280	271	248	30	30	6
Mexico	3,898	3,493	3,393	3,769	3,615	4,160	4,197	4,906	4,779	433	400	200
Peru	216	216	220	216	216	216	216	216	216	18	18	18
U.S.A.	30,365	30,691	29,193	28,800	30,644	29,455	31,476	34,664	31,057	3,373	2,784	4,894
Venezuela	335	205	187	178	90	59	19	16	12	1	1	1
Other America	600	420	420	420	420	420	420	420	420	35	35	25
OCEANIA												
Australia	579	480	516	427	467	215	259	284	375	20	20	45
New Zealand	66	73	19	18	19	7	49	46	41	5	0	0
WORLD TOTAL	381,772	360,887	359,960	381,439	361,943	387,563	381,702	378,582	368,742	26,609	26,234	30,723

Source : World Bureau of Metal Statistics