

MALAYSIAN TIN BULLETIN

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JANUARY TIN MARKET REVIEW

Kuala Lumpur Tin Market (KLTM)

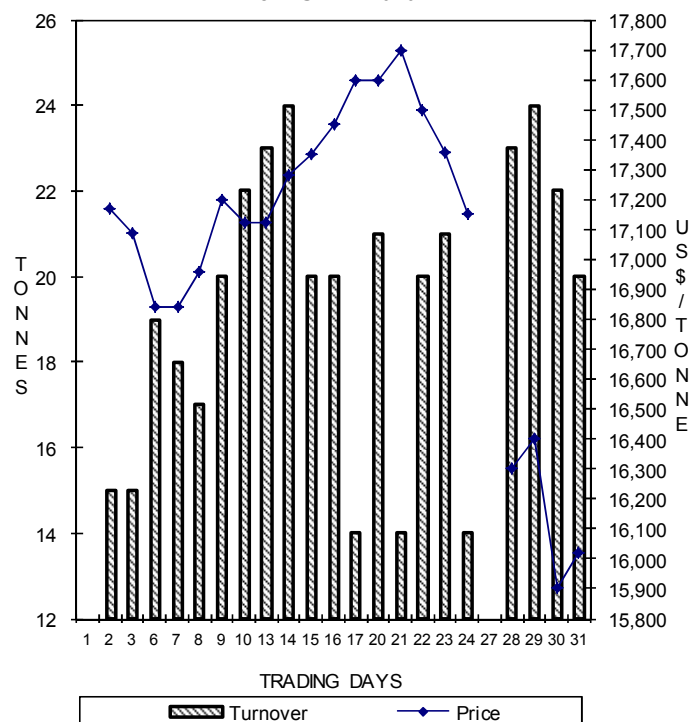
Tin trading on the KLTM during the first month of the New Year was mixed. Prices were mostly upbeat during the first three trading weeks before softening during the later weeks. Tin was traded during the month within a wide price range of some US\$1,800.

The local physical tin market opened January's first trading week at US\$17,170 per tonne before closing the week lower at US\$17,090 per tonne. It was a short and least active trading week of the month with only 30 tonnes of tin traded.

The market continued to soften at the opening of the second trading week before staying unchanged the subsequent day as traders adopted a wait and see attitude. It strengthened the following two days before ending the trading week lower on technical correction. The total turnover for the week rose to 96 tonnes.

The tin price stayed unchanged at the opening of the third trading week before strengthening all the way towards end of that trading week. According to a trader, the incline was influenced by strong tin prices on the London Metal Exchange (LME) during the week. It was the month's most active trading week with turnover totalling 101 tonnes.

KLTM PRICES
JANUARY 2020



The tin price stayed unchanged at the opening of the fourth trading week before inching further the subsequent day to record the month's highest level at US\$17,700 per tonne on 21st January. Thereafter, it softened towards end of the trading week due to weak demand with turnover declining to 90 tonnes during the week.

During the final trading week, the tin price continued to decline at the opening, in-line with the weaker tin prices on the LME, before inching-up the subsequent day on technical correction. Weak demand continued pressuring the tin price downwards the subsequent day to record the month's lowest level at US\$15,900 per tonne on 30th January. It rebounded slightly to close the trading month of January a bit higher at US\$16,020 per tonne. The total volume of tin traded during the week slid to 89 tonnes.

There were 21 days of trading on the KLTM in January as the market was closed on the 1st and 27th January in conjunction with the New Year and Chinese New Year holidays, respectively. The average tin price for the month was US\$17,014 per tonne, much higher than the December average of US\$16,883 per tonne. The month's average daily turnover was 19 tonnes, higher than the December average of 18 tonnes. The highest daily turnover recorded in January was 24 tonnes, and the lowest was 14 tonnes. ♦

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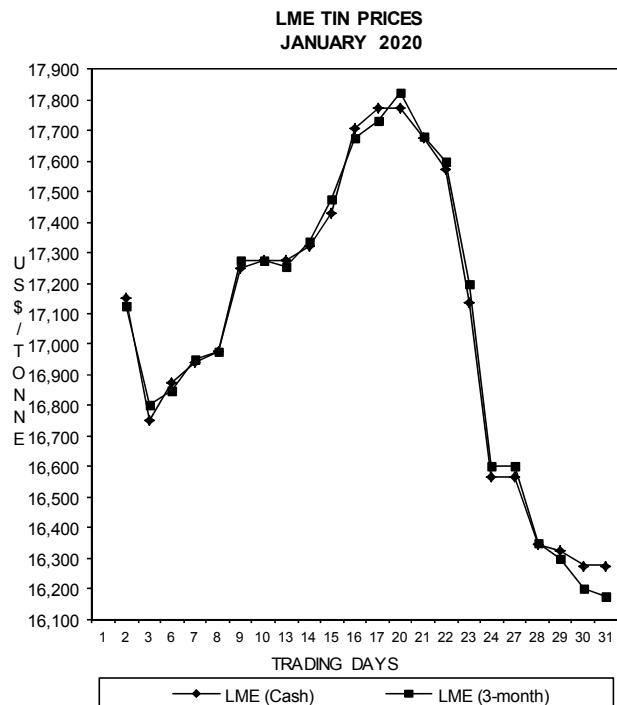
London Metal Exchange (LME)

Tin trading on the London Metal Exchange (LME) in January was mixed, which was in line with the trading of other base-metals on the Exchange.

Tin prices opened the trading month at US\$17,150 per tonne for cash tin and US\$17,125 per tonne for 3-month tin.

The LME's tin prices were somewhat persistently strong during the earlier trading weeks of the month before softening during the later weeks. According to traders, the upward momentum recorded on the LME during the earlier part of the month was due to strong demand particularly from overseas interests resulting from the weakening US dollar. However, tin prices declined substantially during the fourth and final trading weeks due to weak sentiment. The decline was also influenced by the domination of sellers in the market taking advantage of the earlier higher prices.

The January average LME cash and 3-month tin prices were US\$17,056 and US\$17,057 per tonne, respectively. The LME's highest cash and 3-month tin prices during the month were US\$17,775 and US\$17,825 per tonne, respectively, both recorded on 20th January. The lowest cash tin price for the



month was US\$16,275 per tonne, while the lowest 3-month tin price was US\$16,175 per tonne. They were both their closing prices for the month, which were much lower than their opening level.

NEWS ROUND UP

Restart of Baiyinchagan Further Delayed

China's Yinman Mining has reported delays in re-starting its Baiyinchagan mine, which was closed in February last year following an accident.

The accident, on 23 February 2019, killed 21 and injured 29 people. The local government, as a result, closed the company's operations for safety inspections. Other mines in the region were also closed for

about a month for safety inspections. Yinman Mining has submitted rectification and improvement plans, which include the company's self-audit of its health and safety procedures. The Ximeng Emergency Bureau is reviewing them, which are expected to be lengthy, and no time frame has been given for the mine's restart.

Renison Mine Longevity Reaffirmed

Australia's Metals X has announced an improved Mineral Resource (MRE) for its Renison Bell Mine. The update increases the mine's Resource by 8 per cent net of mining depletion and includes a maiden Resource for the Bell 50 area.

Renison Bell has almost a 100-year history of exploration with some stoppages when the mine closed. Through its 50 per cent joint venture with Bluestone Mines, Metals X operates continual exploration aimed at maintaining a 7-year mine life. Its strategy includes publishing annual MRE updates.

The latest update, published in late January 2020, increases the MRE by some 8 per cent, even when including depletion from mining. It also includes upgraded estimates for the Area 5 and Leatherwood Trend sections of the mine. Although Area 5 section is bound by the Doliminator Fault, mineralisation expands over into the Bell 50 area, displaced by around 50 meters to the west. The Leatherwood Trend remains open up-plunge and into the Huon North area, which will be an important new mining drive for Metals X.

The updated Resource further includes a maiden MRE for the Bell 50 area, which is the deepest and highly prospective part of the Renison mine, with an average grade above 2 per cent Sn. The area holds over 1 Mt of ore in total, containing some 24,000 tonnes of tin. Although mineralisation plunges towards the Pine Hill Granite, the likely source of tin mineralisation, the deepest drill holes continue to intersect the Renison Mine Sequence. This geological sequence typically holds the tin ore, and Metals X feels that because of this, further drilling down-plunge is warranted that may further improve MREs in the future.

PT Timah Upgrading its Smelters

Indonesia's PT Timah, the second largest tin producer in the world, broke ground on the construction of its new smelter in late January 2020. The smelter will use Ausmelt technology with a capacity of some 40,000 tonnes. The new smelter is expected to be operational by middle of 2021.

PT Timah is the world's largest exporter of refined tin globally. However, China's Yunnan Tin is currently the world's largest tin producer.

PT Timah presently operates two smelters, located in Kundur, Riau and in Mentok, Bangka-Belitung. Both have a combined capacity of some 54,000 tonnes annually. However, in 2018 they produced some 33,500 tonnes of refined tin only. PT Timah's growth strategy is partly focused on upgrading their

smelters to increase capacity in enabling them to process lower grade ores.

In 2019, PT Timah added fuming facilities to its smelting operations to help recover metal from its slag. With these fuming facilities, the company should be able to recover some 2,000 tonnes of tin that would otherwise be lost.

The Mentok smelter upgrade is likely to impact PT Timah's tin production the most. The Ausmelt technology employed is more efficient as it reduces the losses of tin during the smelting process. This will allow PT Timah to process lower grade tin from on-shore deposits including its Batu Besi mine, which the company began developing in late 2019.

Achmmach Development Slowed Down on Poor Market

Australia's Kasbah Resources has slowed down the developments of its Achmmach project due to the current poor tin market conditions.

The company, in its latest quarterly report, had announced that it had made progress in corporate restructuring and reducing expenditure, but would not rapidly advance project financing. Although development was being slowed down until the market improves, the company had secured an additional \$1.3 million loan from Pala Investments Ltd.

Kasbah has completed, during the year, the Front-End Engineering Design and Independent Technical Specialist Report that focused on the technical side of operations, estimating investment costs and tech-

nical requirements for the mine. Both will be used in the project's future Definitive Feasibility Study.

The company further reported that it was still actively working on reducing cost and options to extend the mine life. As announced in September, Kasbah confirmed further mineralisation at Achmmach. Similar mineralisation was found in the Sidi Addi Trend, a same structure to the Meknes Trend, the basis of the project's Mineral Resource Estimate. Although Kasbah has yet to estimate the tin contained in the Sidi Addi Trend, it represents a geological upside to the project.

(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	
2020	Jan.						
	1		CLOSED			CLOSED	
	2	17,170	4.0848	70,136	15	17,150	17,125
	3	17,090	4.0991	70,054	15	16,750	16,800
	6	16,840	4.1110	69,229	19	16,875	16,850
	7	16,840	4.0995	69,036	18	16,940	16,950
	8	16,960	4.1060	69,638	17	16,975	16,975
	9	17,200	4.0922	70,386	20	17,250	17,275
	10	17,120	4.0840	69,918	22	17,275	17,275
	13	17,120	4.0657	69,605	23	17,275	17,255
	14	17,280	4.0635	70,217	24	17,320	17,335
	15	17,350	4.0803	70,793	20	17,430	17,475
	16	17,450	4.0685	70,995	20	17,705	17,675
	17	17,600	4.0632	71,512	14	17,775	17,735
	20	17,600	4.0600	71,456	21	17,775	17,825
	21	17,700	4.0695	72,030	14	17,675	17,680
	22	17,500	4.0757	71,325	20	17,575	17,600
	23	17,360	4.0655	70,577	21	17,135	17,200
	24	17,150	4.0665	69,740	14	16,565	16,600
	27		CLOSED			16,565	16,600
	28	16,300	4.0850	66,586	23	16,345	16,350
	29	16,400	4.0833	66,966	24	16,325	16,300
	30	15,900	4.0878	64,996	22	16,275	16,200
	31	16,020	4.0866	65,467	20	16,275	16,175

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.

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*	2,022	400*	3600*	5,510	23,217	35,678	4,020
2020											
Jan.	6,630	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	4,020

* : 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

Source : Department of Mineral and Geoscience Malaysia

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

** Preliminary

**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

* : 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

* : 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	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
EUROPE																				
Portugal	45	24	24	84	96	48	56	60	5	5	5	5	9	9	9	9	9	9	9	9
Russia	612	600	600	240	240	1,140	702	1,200	100	100	100	100	100	100	100	100	250	250	189	188
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AFRICA																				
Democ.Rep Congo	4,800	2,462	5,220	4,116	2,977	4,128	7,145	9,000	800	800	800	800	800	800	500	500	500	500	500	500
Nigeria	1,800	2,400	2,590	2,425	2,100	3,827	5,964	8,784	300	300	540	540	540	540	540	500	500	500	500	500
Rwanda	4,167	3,493	3,600	4,245	2,017	2,621	3,508	2,400	200	200	250	300	300	300	200	172	179	150	130	130
South Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zimbabwe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	87	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ASIA																				
China	127,400	115,900	148,981	177,300	146,600	153,100	163,000	157,500	11,500	13,900	14,300	13,300	13,700	13,700	13,900	13,100	12,400	13,200	10,500	8,500
Indonesia	78,000	78,000	84,000	69,600	68,400	60,000	60,000	84,000	7,000	7,000	7,200	7,200	7,200	7,200	7,200	7,200	7,200	7,200	7,200	7,200
Kazakhstan	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Laos	1,200	766	745	840	815	1,308	779	566	328	199	235	235	235	235	235	140	100	100	18	93
Malaysia	3,346	3,639	3,685	3,600	3,731	4,123	3,967	3,999	340	340	340	340	340	340	340	340	340	340	340	340
Mongolia	24	24	44	72	240	36	50	60	5	5	10	10	10	10	10	10	10	10	10	10
Myanmar	534	658	8,943	17,475	2,400	47,435	58,883	45,900	5,900	627	2,420	2,264	2,700	2,300	2,300	2,400	4,300	4,000	4,000	4,000
Thailand	252	199	119	131	45	124	705	720	60	60	60	60	60	60	60	60	60	60	60	60
Vietnam	5,400	5,400	5,400	5,400	3,600	5,520	4,560	4,560	380	380	300	300	300	300	460	460	460	460	460	460
AMERICA																				
Bolivia	20,373	19,701	16,976	19,548	20,135	17,614	17,973	17,259	1,450	1,450	1,500	1,500	1,500	1,500	1,500	1,500	1,375	1,375	1,375	1,375
Brazil	8,200	10,800	13,800	13,800	13,800	25,500	18,000	18,000	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Peru	29,022	26,097	23,661	12,105	19,511	18,789	17,790	18,601	1,582	1,622	1,841	1,607	1,762	1,800	1,700	1,760	1,800	1,800	1,609	1,600
U.S.A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OCEANIA																				
Australia	15,400	6,014	5,888	7,042	7,056	6,635	7,217	6,871	600	600	687	700	550	549	550	575	600	600	551	550
WORLD TOTAL	300,575	276,183	324,363	349,035	315,363	351,948	370,299	379,482	32,050	29,088	32,088	30,761	31,606	31,243	31,104	30,326	31,583	32,054	28,951	27,015

Source : World Bureau of Metal Statistics

