



DECEMBER TIN MARKET REVIEW

Kuala Lumpur Tin Market (KLTM)

The KLTM continued to remain dormant as no trade was transacted during the month of December, being its eleventh consecutive month of tin trading inactivity.

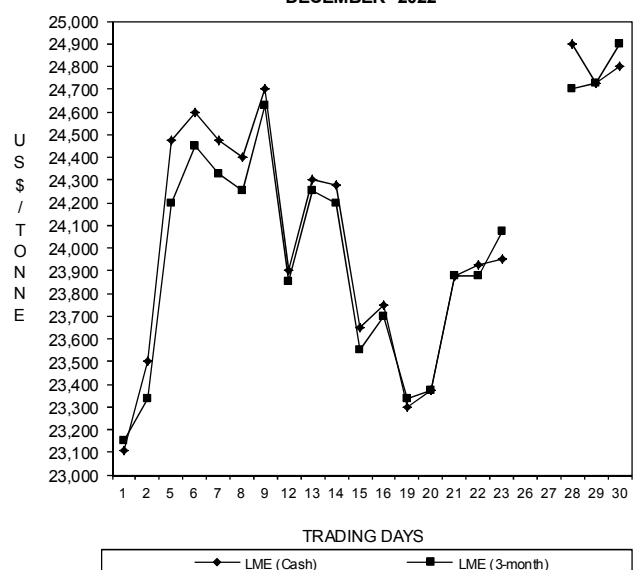
London Metal Exchange (LME)

Tin trading on the London Metal Exchange (LME) during the December month was mostly volatile as market sentiment was largely uncertain. The tin price was traded range bound between US\$23,105 to US\$24,900 per tonne during the final trading month of 2022.

The first trading week commenced with cash tin recording a price of US\$23,105 per tonne and 3-month tin of US\$23,150 per tonne, being their respective lowest price level for the month. It rose the following day to end the short first trading week higher.

The market strengthened during the early days of the second trading week before zigzagging its way towards end of the week unsure of its next direction as market sentiment remained largely uncertain.

LME TIN PRICES
DECEMBER 2022



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Weak demand pulled the tin price down at the opening of the third trading week with a technical correction checking the decline further. It fell for two consecutive days before inching-up at end of the trading week.

The tin price softened at the start of the fourth trading week but rebounded, thereafter, to end the trading week higher with buyers dominating the market.

Bolstered by strong demand, the tin price made further gains during the final trading week. It was during this period that the month's highest price level for cash and 3-month tin were recorded, both at US\$24,900 per tonne. They were recorded on 28th and 30th December, respectively. The market closed the last trading month of the year at US\$24,800 per tonne for cash tin and US\$24,900 per tonne for 3-month tin.

The December average LME cash and 3-month tin prices were US\$24,099 and US\$24,038 per tonne, respectively.

NEWS HIGHLIGHT

Lion Group Invests RM600mil in Mining Sector

Lion Group's unit, Lion Mining Sdn Bhd (LMSB), is venturing into mining of both metallic and non-metallic minerals, following an investment of RM600mil in land and capital expenditure. In a statement, LMSB said it will undertake exploration activities for both alluvial and primary minerals such as tin, iron ore, gold, coal, silica sand and other commodities in Malaysia, Indonesia and Cambodia.

LMSB, which currently has a silica processing plant that produces high-quality silica sand for local consumption exports, said that it plans to develop its land of 774 ha for mining purposes in Kuala Langat, Selangor. "LMSB has plans to develop the land into a premier sand, silica sand and tin-mining area," it said in the statement.

The RM600mil investment comprises tin and silica plants, as well as mining equipment. These are namely excavators, dump trucks, wheel loaders, compactors, motor grader, bulldozers and back pushers in its mining project to produce tin, sand, amang and silica sand. LMSB added that it had a pool of technical expertise and mining experience to explore and develop commercial mining projects.

The company believes that its mining activities and silica sand exports will help to revive and revitalise the local mining industry. Among the benefits to the state and country that was noted are a high royalty collection of RM30mil from 10 million tonnes of exports of silica sand per year for the state government.

Meanwhile, LMSB said there will be about 1,500 employment opportunities for consultants, technical experts, technicians and skilled workers. LMSB also believes that its new exploration would be a platform for the training of mining professionals.

Apart from bringing in foreign-exchange earnings, the group believes its latest investment could attract investments from both foreign and local associated industries including the glass industry, solar panel manufacturers and other supporting industries.

"Post-rehabilitation work on the mining land provides land development opportunities for mixed development projects comprising housing, commercial and industrial properties, with recurring income in the form of quit rent, property assessment taxes etc to the state," it added.

To recap, in 2019, the company had received four proprietary mining licence or PML approvals from the Selangor state government for parcels of lands totalling 416 ha in Kuala Langat. The operating mining scheme for LMSB has been approved by the Department of Minerals and Geosciences, Selangor from the year 2020 till now. With its recent exploration, the company believes it can achieve its aim to be one of the biggest mine operators in Malaysia.

(Source: The Star, 23 December 2022)

NEWS ROUND-UP

Investment in Tin Supply Necessary to Secure the Metal's Critical Role

The International Tin Association (ITA) presented its vision for the future of tin with the latest strategic thinking of the industry during its recent annual Investing in Tin Seminar. Tin is a vital ingredient in solar energy, electric vehicles and other future technologies. As such, there is a major investment opportunity for tin mining and recycling.

An ITA's spokesman said "Over the next decade we believe demand for tin will surge as the technology super-cycle brings unprecedented opportunities for the tin industry. The sector will need to adapt rapidly to meet this demand as the role of tin in enabling the energy transition and digitisation becomes more obvious".

ITA previewed the first stage results of its TIN2030 initiative during the Seminar. This industry vision to 2030 looks at the sector through the lens of macroeconomic influences, growing sustainability pressures and opportunities and the role of technology. It concludes with a wakeup call to the vital role of tin, for example as solder – the glue that holds together all electronic and electrical infrastructures.

As the awareness of tin's importance grows, so too will the need to secure supply. ITA highlighted the scale of new investment needed to meet the expected surge in demand. It estimates that \$1.4 billion is required to deliver 50,000 tonnes per annum more tin by 2030. This represents a huge opportunity for investors, allowing the tin sector to build a better future for all.

During the event, ITA also announced its flagship Tin Code ESG reporting tool is being extended for voluntary participation by ITA Explorers and Developers Group members. ESG performance will be an essential step in securing investment in new supply. The Code allows its members to demonstrate their ESG commitment and work towards positive improvement in their operations and the global tin industry.

The ITA looks forward to continuing to be the leading voice for the sector and supporting its members as the tin industry takes advantage of these dramatic new market dynamics.

(Source: International Tin Association Ltd. UK, Tin in the News, 2 December 2022)

KLTM & LME TIN PRICES

Period	KLTM				LME	
	Average Price *	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
2021	26,589		16	1,955	32,584	31,105
2022	41,007		5	21	31,384	31,122
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	15,110	17	268	15,410	15,231
	Jun.	16,605	18	374	16,806	16,627
	Jul.	17,287	16	358	17,452	17,375
	Aug.	17,515	18	343	17,672	17,649
	Sep.	17,846	21	444	17,946	17,962
	Oct.	18,026	18	383	18,154	18,152
	Nov.	18,433	20	413	18,568	18,539
	Dec.	19,693	23	509	19,727	19,643
2021	Jan.	22,085	17	314	21,955	21,596
	Feb.	25,965	25	456	26,717	24,415
	Mar.	26,162	21	494	27,396	25,079
	Apr.	27,106	16	327	28,427	26,568
	May	31,132	17	298	32,524	29,736
	Jun.	31,857	12	61	32,678	30,829
	Jul.	C L O S E D			34,183	33,010
	Aug.	C L O S E D			35,205	34,352
	Sep.	C L O S E D			35,048	34,109
	Oct.	C L O S E D			37,962	36,567
	Nov.	C L O S E D			39,333	38,042
	Dec.	39,500	5	5	39,574	38,956
2022	Jan.	41,007	5	21	41,807	41,344
	Feb.	NO TRANSACTION			44,118	43,820
	Mar.	NO TRANSACTION			44,249	43,917
	Apr.	NO TRANSACTION			43,122	42,644
	May	NO TRANSACTION			35,945	35,617
	Jun.	NO TRANSACTION			31,777	31,459
	Jul.	NO TRANSACTION			25,173	24,816
	Aug.	NO TRANSACTION			24,520	24,276
	Sep.	NO TRANSACTION			21,258	21,150
	Oct.	NO TRANSACTION			19,406	19,373
	Nov.	NO TRANSACTION			21,136	21,004
	Dec.	NO TRANSACTION			24,099	24,038
2022 DEC	1	NO TRANSACTION			23,105	23,150
	2	NO TRANSACTION			23,500	23,335
	5	NO TRANSACTION			24,475	24,200
	6	NO TRANSACTION			24,600	24,450
	7	NO TRANSACTION			24,475	24,325
	8	NO TRANSACTION			24,400	24,250
	9	NO TRANSACTION			24,700	24,625
	12	NO TRANSACTION			23,900	23,855
	13	NO TRANSACTION			24,300	24,250
	14	NO TRANSACTION			24,275	24,200
	15	NO TRANSACTION			23,650	23,550
	16	NO TRANSACTION			23,750	23,700
	19	NO TRANSACTION			23,300	23,335
	20	NO TRANSACTION			23,375	23,375
	21	NO TRANSACTION			23,875	23,880
	22	NO TRANSACTION			23,925	23,875
	23	NO TRANSACTION			23,950	24,075
	26	C L O S E D			CLOSED	
	27	NO TRANSACTION			CLOSED	
	28	NO TRANSACTION			24,900	24,700
	29	NO TRANSACTION			24,725	24,725
	30	NO TRANSACTION			24,800	24,900

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
2021	2,045	2,130	955	8600*	1,545	377*	3600*	4,530	21,737	25,142	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*	4,500	21,539	27,012	4,020
Jul.	2,290	2,130	955	8600*	1,573	181*	3600*	4,460	21,499	26,954	4,020
Aug.	1,395	2,130	955	8600*	1,581	181*	3600*	4,440	21,487	24,199	4,020
Sep.	1,235	2,130	955	8600*	1,518	265*	3600*	4,440	21,508	24,344	4,020
Oct.	670	2,130	955	8600*	1,518	265*	3600*	4,510	21,508	23,287	4,020
Nov.	1,285	2,130	955	8600*	1,548	265*	3600*	4,530	21,508	24,894	4,020
Dec.	2,045	2,130	955	8600*	1,545	377*	3600*	4,530	21,737	25,142	4,020
2022											
Jan.	2,390	2,130	955	8600*	1,545	181*	3600*	5,040	22,051	27,505	4,020
Feb.	2,245	2,130	955	8600*	1,550	181*	3600*	5,060	22,076	27,342	4,020
Mar.	2,000	2,130	955	8600*	1,535	181*	3600*	4,940	21,941	26,552	4,020
Apr.	2,010	2,130	955	8600*	1,551	681*	3600*	4,750	22,267	26,222	4,020
May	1,990	2,130	955	8600*	1,572	681*	3600*	4,710	22,248	26,496	4,020
Jun.	2,765	2,130	955	8600*	1,616	681*	3600*	4,770	22,352	28,868	4,020
Jul.	3,330	2,130	955	8600*	1,572	230*	3600*	4,740	21,827	29,267	4,020
Aug.	4,065	2,130	955	8600*	1,572	230*	3600*	4,700	21,787	28,578	4,020
Sep.	4,565	2,130	955	8600*	1,572	230*	3600*	4,740	21,827	28,093	4,020
Oct.	4,255	2,130	955	8600*	1,572	230*	3600*	4,740	21,827	28,613	4,020
Nov.	2,930	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

Source : World Bureau of Metal Statistics

* : at producer

n.y.a : not yet available

**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			Avg Rmt / Min Pro Plnt		
	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
2021	3,013	13	1,844	-	-	-	-	-	-	2,796	13	1,624	-	-	-	119	-	-	64	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.	297	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
Jun.	44	10	1,450	-	-	-	-	-	-	40.1	10	1,264	-	-	-	0.0	-	-	4.2	11	186
Jul.	204	10	1,450	-	-	-	-	-	-	199.2	10	1,264	-	-	-	1.0	-	-	3.7	11	186
Aug.	233	9	1,547	-	-	-	-	-	-	218.1	9	1,361	-	-	-	11.4	-	-	3.7	11	186
Sep.	262	10	1,794	-	-	-	-	-	-	245.4	10	1,608	-	-	-	11.4	-	-	4.8	11	186
Oct.	301	12	1,358	-	-	-	-	-	-	276.2	12	1,138	-	-	-	11.0	-	-	4.7	11	220
Nov.	287	13	1,844	-	-	-	-	-	-	255.6	13	1,624	-	-	-	9.0	-	-	5.7	11	220
Dec.	295	13	1,844	-	-	-	-	-	-	276.2	13	1,624	-	-	-	8.1	-	-	9.4	11	220
2022**																					
Jan.	234	13	1,743	-	-	-	-	-	-	218.6	13	1,557	-	-	-	7.9	-	-	7.2	11	186
Feb.	252	12	1,736	-	-	-	-	-	-	234.2	12	1,550	-	-	-	6.5	-	-	10.9	11	186
Mar.	306	12	2,302	-	-	-	-	-	-	272.9	12	2,117	-	-	-	11.4	-	-	21.8	11	185
Apr.	273	12	1,834	-	-	-	-	-	-	251.0	12	1,649	-	-	-	12.1	-	-	10.4	10	185
May	276	15	1,849	-	-	-	-	-	-	262.5	15	1,658	-	-	-	12.0	-	-	1.4	10	191
Jun.	285	15	1,869	-	-	-	-	-	-	265.8	15	1,678	-	-	-	16.0	-	-	3.7	10	191
Jul.	303	19	1,877	-	-	-	-	-	-	283.5	19	1,689	-	-	-	12.3	-	-	7.5	10	188
Aug.	338	19	1,896	-	-	-	-	-	-	314.6	19	1,699	-	-	-	18.3	-	-	4.7	10	197
Sep.	325	16	1,940	-	-	-	-	-	-	304.6	16	1,744	-	-	-	16.5	-	-	4.1	10	196

Source : Department of Mineral and Geoscience Malaysia

** : Preliminary.

- : Nil

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

**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
2021	3,013	322	16,634	1,156	16,441
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	28	1,639	145	1,770
Feb.	257	29	1,847	70	1,765
Mar.	297	46	2,041	113	1,982
Apr.	294	47	1,680	115	1,836
May.	262	26	1,861	91	1,638
Jun.	44	0	695	86	894
Jul.	204	21	973	84	507
Aug.	233	19	1,115	86	1,085
Sep.	262	59	1,221	85	1,599
Oct.	301	16	1,349	98	1,165
Nov.	287	10	1,086	91	1,172
Dec.	295	21	1,127	92	1,028
2022*					
Jan.	234	n.y.a	n.y.a	n.y.a	n.y.a
Feb.	252	n.y.a	n.y.a	n.y.a	n.y.a
Mar.	306	n.y.a	n.y.a	n.y.a	n.y.a
Apr.	273	n.y.a	n.y.a	n.y.a	n.y.a
May	276	n.y.a	n.y.a	n.y.a	n.y.a
Jun.	285	n.y.a	n.y.a	n.y.a	n.y.a
Jul.	303	n.y.a	n.y.a	n.y.a	n.y.a
Aug.	338	n.y.a	n.y.a	n.y.a	n.y.a
Sep.	325	n.y.a	n.y.a	n.y.a	n.y.a

Sources : Department of Statistics, Malaysia
 Department of Mineral and Geoscience Malaysia
 Malaysia Smelting Corporation Bhd.

* : Preliminary

n.y.a : Not yet available

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
2021	1,156	395	710	6	45
2022**	n.y.a	n.y.a	639	n.y.a	n.y.a
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.	145	73	66	1	5
Feb.	70	30	37	0	3
Mar.	113	40	68	0	5
Apr.	115	39	68	1	7
May	91	40	46	0	5
Jun	86	29	50	0	7
Jul.	84	20	64	0	0
Aug.	86	25	57	0	4
Sep.	85	30	53	2	0
Oct.	98	29	69	0	0
Nov.	91	20	69	2	0
Dec.	92	20	63	0	9
2022**					
Jan.	n.y.a	n.y.a	56	n.y.a	n.y.a
Feb.	n.y.a	n.y.a	69	n.y.a	n.y.a
Mar.	n.y.a	n.y.a	58	n.y.a	n.y.a
Apr.	n.y.a	n.y.a	67	n.y.a	n.y.a
May	n.y.a	n.y.a	54	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	62	n.y.a	n.y.a
Aug.	n.y.a	n.y.a	54	n.y.a	n.y.a
Sep.	n.y.a	n.y.a	35	n.y.a	n.y.a
Oct.	n.y.a	n.y.a	41	n.y.a	n.y.a
Nov.	n.y.a	n.y.a	50	n.y.a	n.y.a
Dec.	n.y.a	n.y.a	43	n.y.a	n.y.a

Sources : Department of Mineral and Geoscience Malaysia

Malaysia Smelting Corporation Bhd

Perstima Bhd

* : The figures include high-grade tin (99.9% Sn) imported for consumption.

** : Preliminary.

n.y.a : not yet available

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	2021	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
EUROPE																
Portugal	48	56	60	108	108	108	9	9	9	9	9	9	9	9	9	9
Spain	7	23	32	147	74	49	2	2	2	2	2	2	10	10	10	10
Russia	1,140	702	1,200	2,264	2,538	2,920	244	250	182	237	237	238	200	200	200	200
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AFRICA																
Burundi	51	123	126	143	121	127	47	50	50	50	50	50	-	11	-	-
DR Congo	4,128	7,145	9,000	6,250	13,508	15,000	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,047	1,000
Egypt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Namibia	-	-	-	9	242	499	45	53	50	50	52	50	50	50	50	50
Nigeria	3,827	5,964	8,784	7,020	5,848	6,900	500	500	500	500	500	500	1,200	1,200	518	500
Rwanda	2,621	3,508	2,400	2,223	1,692	2,122	150	150	150	150	150	150	200	200	200	200
South Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zimbabwe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanzania	104	68	6	18	1,600	1,200	100	100	100	100	100	100	100	100	100	100
Uganda	-	66	53	50	-	-	-	-	-	-	-	-	-	-	-	-
ASIA																
China	153,100	163,000	157,500	142,900	161,300	152,200	10,500	10,500	10,500	11,000	13,800	6,600	7,000	7,000	6,200	13,700
Indonesia	60,000	60,000	84,000	86,400	65,400	60,000	5,000	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	1,415	249	157	200	337	54	50	117	312	195	200
Malaysia	4,123	3,967	3,999	4,080	3,183	3,180	265	265	265	265	265	265	265	265	265	265
Mongolia	36	50	60	110	120	120	10	10	10	10	10	10	10	10	10	10
Myanmar	47,435	58,883	45,900	33,750	29,100	29,544	1,800	1,800	4,300	1,900	800	800	3,500	3,500	2,600	2,500
Thailand	124	705	720	720	720	720	60	60	60	60	60	60	60	60	60	60
Vietnam	5,520	4,560	4,560	5,520	5,420	5,400	450	450	450	450	450	450	450	450	450	450
AMERICA																
Bolivia	17,614	17,973	17,259	17,194	14,710	19,462	1,700	1,700	1,700	1,500	1,500	1,500	1,500	1,500	1,400	1,400
Brazil	25,500	18,000	18,000	18,000	15,000	17,168	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Peru	18,789	17,790	18,601	19,683	20,647	26,995	2,410	2,043	2,366	2,373	2,406	2,287	2,675	1,920	2,263	2,454
U.S.A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OCEANIA																
Australia	6,635	7,217	6,871	7,738	7,836	8,691	600	600	600	900	900	900	800	800	750	750
WORLD TOTAL	351,948	370,299	379,482	355,116	320,452	353,820	26,942	26,699	29,494	27,893	29,345	22,021	24,197	22,705	22,827	30,358

Source : World Bureau of Metal Statistics

- : Nil

WORLD REFINED TIN CONSUMPTION (In Tonnes)

	2016	2017	2018	2019	2020	2021	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
EUROPE																
Austria	3,323	4,148	3,983	3,082	2,960	4,057	250	200	204	200	328	300	227	250	435	450
Belgium	2,400	697	720	720	720	720	60	60	60	60	60	60	60	60	60	60
Bulgaria	101	1	117	210	240	303	20	20	20	20	20	20	20	20	20	20
Czech Republic	515	532	603	605	335	439	36	22	24	29	24	20	12	44	12	15
Denmark	3	17	7	1	10	17	1	1	1	1	1	1	1	1	1	1
Finland	86	51	77	94	72	95	3	10	18	0	1	1	4	5	2	5
France	4,736	5,456	6,080	5,020	4,982	3,643	242	280	351	471	284	386	246	386	361	382
Germany	18,242	20,284	20,236	18,441	14,898	16,052	1,000	1,252	1,410	1,561	1,365	1,685	1,163	1,593	1,515	1,434
Greece	632	600	646	634	637	646	50	60	50	50	50	51	53	52	60	60
Hungary	145	1,177	2,050	2,036	1,714	1,706	100	100	130	130	122	100	152	150	150	150
Ireland	4	0	2	0	0	1	0	0	0	0	0	0	0	0	1	0
Italy	3,495	3,974	4,678	4,324	3,402	4,153	300	300	522	500	479	500	456	450	742	750
Netherlands	6,000	6,000	6,000	6,000	5,400	5,400	450	450	450	450	450	450	450	450	450	450
Norway	0	1	1	1	10	0	0	0	0	0	0	0	0	0	0	0
Poland	3,669	3,537	3,723	3,335	1,580	1,012	125	50	30	30	103	32	100	100	196	200
Portugal	554	856	891	831	463	476	60	90	10	10	197	58	141	104	110	110
Romania	336	516	866	551	442	554	25	20	50	50	64	60	23	25	20	20
Russia	995	1,339	495	1,914	1,443	2,015	99	175	175	175	180	180	180	180	170	170
Slovakia	465	645	767	593	614	669	40	27	68	47	70	46	72	69	47	50
Spain	1,495	1,605	1,652	1,563	1,898	1,715	160	100	200	200	148	150	128	150	80	80
Sweden	6,492	5,457	6,020	5,835	5,343	6,105	600	530	549	550	517	541	500	500	296	300
Switzerland	47	69	45	60	44	46	1	10	10	10	13	10	1	5	10	10
United Kingdom	979	936	961	262	102	80	2	14	12	4	10	12	5	4	10	3
Yugoslavia	1,080	1,080	1,080	1,080	240	960	80	80	80	80	80	80	80	80	80	80
Other Europe	720	720	720	720	530	480	40	0	40	40	40	40	40	40	40	40
AFRICA																
Egypt	107	119	225	174	139	181	20	15	15	15	10	10	5	5	10	10
Morocco	21	15	22	20	22	27	3	0	2	5	6	4	0	0	0	0
Nigeria	300	623	1,436	1,322	240	240	20	20	20	20	20	20	20	20	20	20
South Africa	1,047	957	633	604	326	340	59	24	36	44	34	35	35	30	49	50
Other Africa	720	720	720	720	530	480	40	0	40	40	40	40	40	40	10	40
ASIA																
China	191,415	183,391	174,183	177,891	216,152	191,061	13,800	13,487	16,747	18,109	20,865	10,670	5,284	15,088	17,620	18,719
Hong Kong	1,800	1,800	3,300	3,600	480	1,359	130	130	130	130	130	130	130	130	130	130
India	9,088	9,861	11,365	10,615	9,734	10,566	912	900	910	900	694	934	1,812	1,211	1,423	1,400
Indonesia	1,200	1,200	1,200	1,200	1,200	1,200	100	100	100	100	100	100	100	100	100	100
Iran	987	1,058	1,573	2,221	2,261	1,600	100	100	100	100	100	100	100	100	83	174
Japan	26,113	29,111	28,084	24,905	20,198	28,383	1,923	2,233	2,130	1,794	1,893	2,038	2,146	2,172	2,048	1,851
Kazakhstan	490	431	405	350	287	0	5	50	50	0	0	45	20	130	50	1
Malaysia	1,560	1,560	1,560	1,560	1,560	1,560	130	130	130	130	130	130	130	130	130	130
Pakistan	279	300	489	311	194	322	16	16	15	0	30	30	48	50	23	22
Philippines	506	220	307	1,385	776	1,045	75	24	16	97	109	29	86	61	40	40
Singapore	1,960	1,920	1,920	1,920	1,720	1,920	160	160	160	160	160	160	160	160	160	160
South Korea	14,199	13,112	13,927	11,957	13,405	14,457	1,135	858	1,229	1,274	1,220	928	1,162	1,214	1,343	872
Syria	120	120	120	0	0	0	0	0	0	0	0	0	0	0	0	0
Taiwan	4,140	4,494	4,576	4,569	10,096	8,772	580	742	861	900	726	640	925	767	674	700
Thailand	3,131	4,259	3,000	3,000	3,000	3,000	250	250	250	250	250	250	250	250	250	250
Turkey	2,416	3,110	3,215	3,202	3,746	4,158	350	522	576	529	272	311	205	495	333	461
United Arab Emirates	4,800	4,800	3,600	3,600	2,160	2,160	180	180	180	180	180	180	180	180	180	180
Vietnam	6,000	6,000	4,200	3,600	4,639	4,622	380	380	380	380	380	380	380	380	380	380
Other Asia	2,160	2,160	2,160	2,160	1,690	1,560	130	0	130	130	130	130	130	130	130	130
AMERICA																
Argentina	878	596	674	420	1,108	799	40	35	26	39	43	40	4	14	55	34
Bolivia	480	480	480	480	480	480	40	40	40	40	40	40	40	40	40	40
Brazil	17,258	10,009	9,357	9,398	3,333	2,466	40	85	84	100	100	100	100	100	100	100
Canada	2,887	2,562	2,489	2,387	1,871	3,264	148	493	351	350	350	350	68	72	202	54
Chile	111	82	95	111	133	130	16	5	5	7	10	11	5	17	5	10
Colombia	300	280	271	248	237	207	33	10	4	5	12	12	25	20	8	10
Mexico	4,160	4,197	4,906	4,779	4,406	4,661	400	400	454	450	242	250	267	300	160	150
Peru	216	216	216	216	198	216	18	18	18	18	18	18	18	18	18	18
U.S.A.	29,455	31,476	34,664	31,057	29,191	34,559	4,736	2,297	2,773	1,812	2,701	1,602	2,466	1,787	1,646	2,949
Venezuela	59	19	16	12	10	12	1	1	1	1	1	1	1	1	1	1
Other America	420	420	420	420	275	240	20	0	20	20	20	20	20	20	20	20
OCEANIA																
Australia	215	259	284	375	255	317	0	20	49	54	9	56	18	47	27	21
New Zealand	7	49	46	41	30	65	0	5	0	12	0	9	11	0	7	5
WORLD TOTAL	387,563	381,702	378,582	368,742	384,161	377,773	29,735	27,582	32,497	32,884	35,657	24,601	20,515	30,007	32,383	34,082