MALAYSIAN
TIN BULLETIN

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JULY TIN MARKET REVIEW

Kuala Lumpur Tin Market (KLTM)

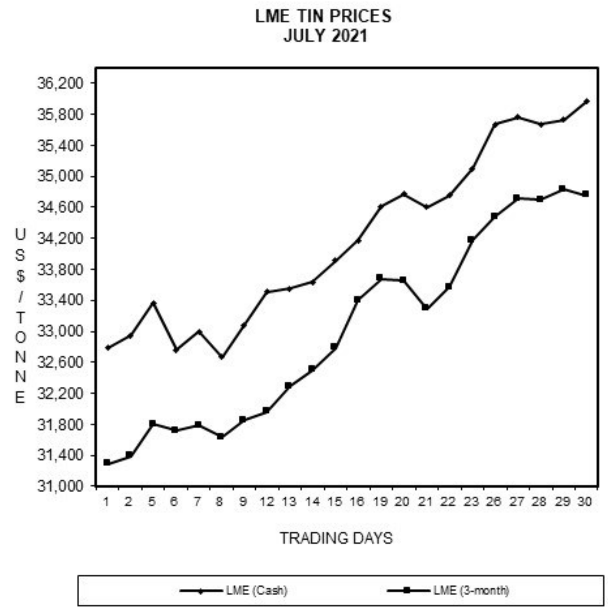
No trading was conducted on the KLTM in July as the local physical tin market was still suspended since 9 June 2021 following the declaration of Force Majeure by Malaysia Smelting Corporation Berhad (MSC) with effect from 7 June 2021, and also due to the continuing imposition of the Movement Control Order (MCO) by the Malaysian Government.

London Metal Exchange (LME)

Buoyed by strong demand, tin trading on the LME during the month of July was mostly up-beat. It was much stronger than that recorded during the trading month of June. The movement in the trading of other base metals again impacted tin trading on the LME during the month.

The market commenced the July trading month at US$32,790 per tonne for cash tin and US$31,290 per tonne for 3-month tin, with the latter being its lowest price for the month. It inched-up the ensuing day to end the short first trading week marginally higher.

Owing largely to uncertainty in market sentiment, the tin price was traded somewhat flat during the second trading week, in-line with that of other base metals traded on the LME. It was during this trading week that cash tin recorded its lowest price for the month at US$32,666 per tonne on 8 July.



Backed by strong demand, the market rose throughout the third trading week. Buyers actively participated in the market while sellers stayed on the sideline. The strong demand came particularly from overseas interests resulting from the weakening US dollar.

The strong momentum continued during the early days of the fourth trading week. The incline, however, did not sustain as the tin market dipped during mid-week but rebounded to end the trading week higher.

The tin price rose further during the final trading week to reach the month's highest price for 3-month tin at US$34,833 per tonne on 29 July while cash tin reached its highest price the following day at US$35,965 per tonne. The July average LME cash price was US$34,183 per tonne while the average 3-month tin price was US$33,010 per tonne.

INSIDE THIS ISSUE

NEWS ROUND-UP

Rwanda's Tin Production to Ease by Lockdown

The Rwandan government has announced new measures to curb the surging Covid-19 cases in the country.

Cases had previously peaked in early 2021, reaching 574 new cases on 26 January. In June, however, cases surged and by the first week of July more than 800 new cases of daily infections were recorded.

Beginning 1 July, the government enforced a mandatory curfew between 6pm and 4am. All offices are to be closed for two weeks in Kigali, the country's capital city, as well as eight other districts. Private companies are only allowed to operate with 50 per cent of their staff.

Mining is a key contributor to Rwanda's economy, with tin production contributing a major share. In 2020, the country's tin-in-concentrate production declined by 25 per cent, year-on-year, to some 1,700 tonnes due to the Covid-19 pandemic impact. Following these latest measures, mines' output is likely to decline further.

According to a spokesman from TechMet, a company that operates the Rutongo Mines in Rwanda, they will remain open but with a reduced workforce of 50 per cent as mandated by the government.

Some other companies were concerned that exports from the country may be affected following the closure of government offices, as in neighbouring Democratic Republic of Congo when government offices were closed following the eruption of Mt Nyiragongo. However, according to a spokesman from Rwanda's Mines, Petroleum and Gas Board, mineral exports would not be affected since export permits for minerals are processed online. Goods transportation is also exempt from the two-week movement restrictions.

Tin mining is not the only activity that will be impacted by the new rules but so is tin smelting. Smelters like LuNa Smelter Ltd. will continue operations, but with a reduced workforce. The company, which started operations in 2018, has an annual capacity of 2,700 tonnes of tin metal, but had to operate at only 50 per cent of that capacity during the earlier lockdown.

According to a market analyst from Luma Holding, which is the majority owner of the tin smelter, the impact will not be too large. The analyst added that "Based on the solutions developed during the 2020 spring lockdown, the company will make every effort to minimize the impact of the current phase of the pandemic on its daily operations".

Alphamin Expected Rebound after Poor Second Quarter

Alphamin Resources, a tin miner in the Democratic Republic of Congo (DRC), has released data for the second quarter of this year indicating a generally lower, quarter-on-quarter, results. The outlook for tin production, however, remains positive.

The company, contributing some 4 per cent of global tin-in-concentrate output, produced 2,412 tonnes of contained tin during the second quarter. This was some 11 per cent lower than guidance, and 8 per cent below first quarter production.

A lower-than-expected feed grade was the main reason for the decline. During the second quarter, the feed grade fell to 3.2 per cent from 3.8 per cent the previous quarter. To maintain a consistent grade, Alphamin is planning to enhance waste development. The material can be blended with higher grade ore to prevent volatility in the grade.

With lower contained tin production, earnings before interest, taxes, depreciation and amortization (EBITDA) are likely to decline. Alphamin has announced that guidance for the second quarter declined by some 7 per cent to US$34 million, compared to the first quarter. The first quarter result, however, was boosted by catch-up sales of tin due to disruptions toward end of 2020.

Meanwhile, the outlook for Bisie remains positive despite a weaker second quarter. The company has fully commissioned its Fine Tin Recovery Plant, which has been in development at Bisie since April 2020. Production has been stable since end of June and contained tin production has increased by 5 per cent during the first week of its operations. The product is reported to have an exceptionally high grade, and Alphamin is considering lowering the product grade to further boost tin recoveries.

At Mpama North, drilling started on 2 July with the aim of testing the lateral and vertical extent of the existing orebody. Some 22 holes will be drilled over the next four months, totalling some 15,000 metres.

The drilling campaign at Mpama South has been completed, and the company is waiting for the remaining drill core assays. The results for 29 holes have been announced, and the others will be announced in two batches. The first will be in July, and the other in early August. Another 24 holes are currently being drilled and so far 5 have been completed. Initial visual results indicate wide intercepts of mineralisation which align with the company's interpretation indicating a high-grade shoot.

Another Team of Scientists Producing Hydrogen Using Molten Tin

A team of scientists at Samara State Technical University (SSTU), Russia has demonstrated hydrogen production using methane and molten tin. It complements ongoing research at Massachusetts Institute of Technology (MIT) in splitting methane into hydrogen gas and solid carbon or "methane pyrolysis". The concept was pioneered by Professor Carlo Rubbia, a Nobel Prize winner.

Molten tin speeds up the rate of methane pyrolysis. The SSTU scientists used a computer-based model to alter the speed of methane flowing through the molten tin. They discovered that the gas produced contained around 60 per cent less hydrogen if methane was fed through the tin ten times faster. This was due to larger gas bubbles rising through the molten tin at high flow rates.

To solve the issue, the team placed a cascade of mesh diaphragms in the reactor. The mesh split and slowed down gas bubbles moving through the tin, allowing more hydrogen to be produced.

Another issue solved by the team was the build-up of black soot (solid carbon) on the surface of the molten tin. According to its Head of Department of Gas Processing, Hydrogen and Special Technologies, "We have developed a special device that controls the level of molten tin in the reactor and continuously removes solid carbon particles"

Chinese Imports Rose as Myanmar Backlog Ended

Chinese smelters were relieved from their limited raw materials supply chain issue as imports of tin concentrate from Myanmar rose in June.

According to latest data from China's Customs Department, some 14,249 tonnes in gross weight were imported from Myanmar in June, an increase of 131 per cent, month-on-month. This June imports from Myanmar constituted 82 per cent of China's total imports that month.

In terms of metal content, the International Tin Association (ITA) estimates that some 3,600 tonnes of tin-in-concentrate were imported from Myanmar and another 1,500 tonnes from other countries for that month. While imports from Myanmar increased by some 140 per cent, month-on-month, they were lower by 5 per cent compared to 2020. This is also true of imports from Myanmar during the 2021 January to June period, down to 18,000 tonnes from 18,700 tonnes of tin-in-concentrate for the same period in the previous year.

Improved Metals X Quarter Result despite Challenges

Metals X, Australia's largest tin producer, has announced a favourable second quarter results of its half-owned Renison mine in Tasmania.

The mine's production and ore grade improved compared to the first quarter of 2021. Some, 206,192 tonnes of ore were mined during the second quarter, an increase of 19 per cent. Grade rose to 1.39 per cent from 1.10 per cent Sn.

However, production could have been much higher if the No. 4 Ventilation Fan did not fail unexpectedly, which restricted access to the higher-grade Area 5 orebodies.

The higher tin grade resulted in greater recovery at the processing plant. The company also mentioned about continued metallurgical improvements that have been made. Overall, tin production during the second quarter was higher at 2,136 tonnes, some 44 per cent quarter-on-quarter.

Improvement was also seen in the balance sheet. Although costs were higher during the June quarter, so were the amount of tin sold and the tin price. All in-costs, which include mining and corporate costs, rose some AU$4 million to AU$50.04 million. However, imputed revenue also rose some 67 per cent to exceed AU$78 million, resulting in a 4,206 per cent increase in imputed net cash flow, a rise of up to AU$27.99 million during the second quarter.

Significant progress was made on the Metallurgical Improvement Program during the said quarter. Installation of the replacement fine gravity spirals and improvements to the sulfide flotation feed pump stability were completed and scheduled for commissioning during the third and fourth quarter of 2021, respectively. Thus far, the programme has minimised risks related to aging equipment while increasing monthly tin production capacity to around 880 tonnes.

(Source: International Tin Association Ltd. UK)

KLTM & LME TIN PRICES

Period		KLTM Average Price * (US$/Tonne)	KLTM Exchange Rates	KLTM Average Daily Turnover (Tonnes)	KLTM Total Turnover (Tonnes)	LME Cash (US$/Tonne)	LME 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	15,110		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
2021	1		C L O S E D			32,790	31,290
JULY	2		C L O S E D			32,946	31,387
	5		C L O S E D			33,370	31,800
	6		C L O S E D			32,758	31,716
	7		C L O S E D			32,999	31,785
	8		C L O S E D			32,666	31,630
	9		C L O S E D			33,076	31,850
	12		C L O S E D			33,510	31,962
	13		C L O S E D			33,550	32,291
	14		C L O S E D			33,639	32,498
	15		C L O S E D			33,917	32,782
	16		C L O S E D			34,177	33,401
	19		C L O S E D			34,610	33,680
	20		C L O S E D			34,767	33,653
	21		C L O S E D			34,601	33,290
	22		C L O S E D			34,750	33,564
	23		C L O S E D			35,101	34,177
	26		C L O S E D			35,671	34,476
	27		C L O S E D			35,760	34,710
	28		C L O S E D			35,671	34,695
	29		C L O S E D			35,732	34,833
	30		C L O S E D			35,965	34,750

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 Germany	U.K	Indonesia*	Japan	Malaysia*	Brazil*	U.S.A	Total Country Stocks	Total Commercial Stocks	US Strategic Stockpile
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

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

* : Preliminary
n.y.a : Not yet available
Sources : Department of Statistics, Malaysia
Department of Mineral and Geoscience Malaysia
Malaysia Smelting Corporation Bhd.

MALAYSIA'S DOMESTIC TIN CONSUMPTION
(In Tonnes)

PERIOD	TOTAL CONSUMPTION	SOLDER *	TINPLATE	PEWTER	OTHERS *
2016	2,238	1,314	750	86	88
2017	2,707	1,348	737	63	559
2018	1,964	1,019	759	39	147
2019	1,441	695	639	19	88
2020	1,512	738	626	8	140
2017					
Jan.	171	102	54	12	3
Feb.	203	133	64	2	4
Mar.	322	139	76	13	94
Apr.	263	100	72	2	89
May	218	150	61	3	4
Jun	258	108	61	12	77
July	320	143	76	1	100
Aug.	178	79	62	2	35
Sep.	179	101	40	1	37
Oct.	225	104	68	4	49
Nov.	204	95	49	1	59
Dec.	166	94	54	10	8
2018					
Jan.	171	101	57	3	10
Feb.	190	133	54	1	2
Mar.	158	93	49	13	3
Apr.	192	103	78	1	10
May	171	106	56	1	8
Jun.	192	116	61	13	2
Jul.	162	99	60	0	3
Aug.	215	132	75	1	7
Sep.	149	62	62	1	24
Oct.	117	23	69	1	24
Nov.	102	11	61	0	30
Dec.	145	40	77	4	24
2019					
Jan.	125	66	51	1	7
Feb.	99	60	35	0	4
Mar.	134	69	56	1	8
Apr.	125	51	64	2	8
May	145	70	62	1	12
Jun.	129	66	56	1	6
Jul.	144	91	47	3	3
Aug.	122	60	51	1	10
Sep.	111	41	60	3	7
Oct.	111	41	59	3	8
Nov.	105	45	52	1	7
Dec.	91	35	46	2	8
2020					
Jan.	93	40	48	0	5
Feb.	119	62	52	0	5
Mar.	71	22	45	0	4
Apr.	75	19	53	0	3
May.	99	49	44	0	6
Jun.	190	74	67	3	46
Jul.	150	84	55	3	8
Aug.	151	49	65	0	37
Sep.	138	85	46	0	7
Oct.	146	77	59	0	10
Nov.	125	78	40	2	5
Dec.	155	99	52	0	4
2021**					
Jan.	n.y.a	n.y.a	66	n.y.a	n.y.a
Feb.	n.y.a	n.y.a	37	n.y.a	n.y.a
Mar.	n.y.a	n.y.a	68	n.y.a	n.y.a
Apr.	n.y.a	n.y.a	68	n.y.a	n.y.a
May	n.y.a	n.y.a	46	n.y.a	n.y.a
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

*	:	The figures include high-grade tin (99.9% Sn) imported for consumption.
**	:	Preliminary.
n.y.a	:	not yet available
Sources	:	Department of Mineral and Geoscience Malaysia Malaysia Smelting Corporation Bhd Perstima Bhd
Note	:	Local consumption of tin metal refers to the use of tin in a particular application. Sales to manufacturing industries have been used as proxy for consumption except in the case of manufacture of tinplate which are actual tin consumption data.

WORLD MINE PRODUCTION
(In Tonnes)

	2016	2017	2018	2019	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2021	2021	2021	2021	2021	2021
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
EUROPE																							
Portugal	48	56	60	108	108	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Spain	7	23	32	147	74	-	-	-	7	6	7	7	7	7	7	7	7	0	0	0	0	0	5
Russia	1,140	702	1,200	2,264	2,538	200	200	200	200	200	200	200	200	200	200	211	212	200	200	200	200	200	200
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AFRICA																							
Burundi	51	123	126	143	121	-	-	-	-	26	-	10	10	10	10	10	0	12	10	11	13	13	13
Democ. Rep. Congo	4,128	7,145	9,000	6,250	13,508	500	500	500	400	400	1,341	1,063	1,252	1,218	1,000	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Egypt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	3,827	5,964	8,784	7,020	5,848	345	345	300	340	340	300	300	300	500	500	500	500	575	550	500	500	500	500
Rwanda	2,621	3,508	2,400	2,223	1,692	155	91	133	50	50	50	120	151	118	-	75	75	200	200	200	200	200	200
South Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zimbabwe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanzania	104	68	6	18	1,600	-	-	-	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Uganda	-	66	53	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ASIA																							
China	153,100	163,000	157,500	142,900	161,300	7,500	7,500	7,500	11,300	11,300	8,700	9,000	9,000	15,100	16,400	13,300	17,500	17,000	17,000	14,500	18,700	18,700	16,800
Indonesia	60,000	60,000	84,000	86,400	65,400	7,200	7,200	7,200	6,000	6,000	6,000	6,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Kazakhstan	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laos	1,308	779	566	1,156	1,237	190	172	120	50	50	94	199	57	60	50	150	150	50	50	104	62	88	95
Malaysia	4,123	3,967	3,999	4,080	3,183	340	340	340	340	340	265	265	265	265	265	265	265	265	265	265	265	265	265
Mongolia	36	50	60	110	120	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Myanmar	47,435	58,883	45,900	33,750	29,100	2,300	2,300	2,700	1,600	1,600	3,100	2,800	1,500	1,500	2,000	3,000	3,000	1,750	1,648	3,633	3,270	1,231	2,850
Thailand	124	705	720	720	720	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Vietnam	5,520	4,560	4,560	5,520	5,420	460	460	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450
AMERICA																							
Bolivia	17,614	17,973	17,259	17,194	14,710	1,500	1,500	1,500	1,000	1,000	1,000	1,000	700	700	700	1,000	1,000	1,600	1,700	1,700	1,700	1,500	1,400
Brazil	25,500	18,000	18,000	18,000	15,000	1,500	1,500	1,500	1,500	1,500	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250
Peru	18,789	17,790	18,601	19,683	20,647	1,600	1,600	1,000	0	1,218	1,461	2,158	1,895	2,220	2,156	2,097	2,464	2,101	1,949	2,385	2,338	2,270	2,236
U.S.A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OCEANIA																							
Australia	6,635	7,217	6,871	7,738	7,836	500	500	580	604	604	604	600	600	775	775	775	775	500	500	500	500	500	500
WORLD TOTAL	**351,948**	**370,299**	**379,482**	**355,116**	**320,452**	**24,369**	**24,287**	**24,102**	**23,913**	**25,131**	**22,010**	**22,818**	**19,992**	**27,648**	**28,992**	**27,219**	**31,777**	**29,482**	**29,201**	**32,146**	**35,867**	**33,674**	**33,228**

Source : World Bureau of Metal Statistics

WORLD REFINED TIN CONSUMPTION
(In Tonnes)

	2016	2017	2018	2019	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2021	2021	2021	2021	2021	2021
EUROPE						Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
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	1,400	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	90	88	57	87	42	29	56
Romania	336	516	866	551	442	25	25	20	20	20	20	20	10	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	3,000	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	20	20	20	20	20	20	20	20	20	20	20	20
OCEANIA																							
Australia	215	259	284	375	255	20	20	45	1	45	0	10	3	20	20	19	22	25	0	40	21	20	44
New Zealand	7	49	46	41	30	5	0	0	0	0	5	1	0	0	0	18	1	5	0	20	0	2	2
WORLD TOTAL	**387,563**	**381,702**	**378,582**	**368,742**	**384,161**	**26,609**	**26,234**	**30,723**	**30,573**	**32,060**	**27,656**	**28,720**	**25,214**	**31,567**	**32,406**	**33,304**	**35,782**	**35,009**	**32,441**	**35,245**	**38,879**	**34,169**	**37,418**

Source : World Bureau of Metal Statistics