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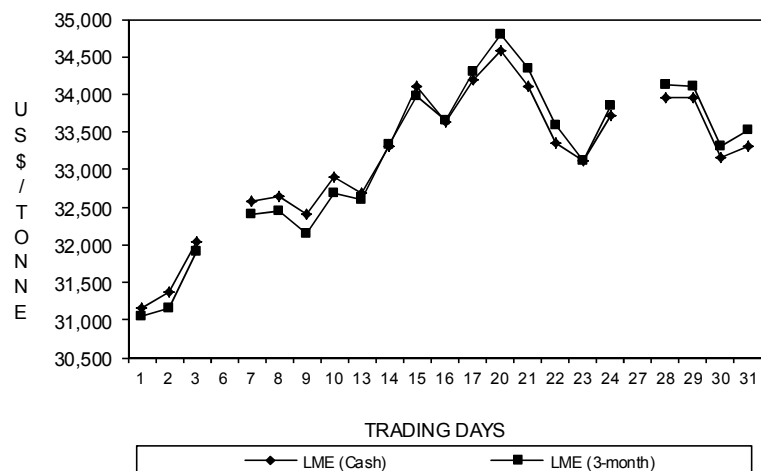
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MAY TIN MARKET REVIEW

**LME TIN PRICES
MAY 2024**



London Metal Exchange (LME)

Tin trading on the LME during the month of May was mostly on an upward momentum influenced largely by strong demand. It was a follow through of the trading up-trend recorded in April. It also followed the same trading pattern as the other base metals traded on the Exchange during the month.

Tin trading commenced the May trading month at US\$31,150 per tonne for cash tin and US\$31,050 per tonne for 3-month tin, being their respective lowest price level for the month. They were lower than April's closing of US\$32,300 per tonne for cash tin and US\$32,150 per tonne for 3-month tin. Spurred by strong demand, trading rose the next two days to end the short first trading week higher.

Continuing strong demand boosted the tin price further towards middle of the second trading week. It softened before regaining strength at end of the week.

The tin price eased somewhat at the opening of the third trading week. It rose for two consecutive days before softening on a technical correction. The decline, however, was brief as the tin price regained its upward momentum at the close of the trading week.

The market strengthened at the start of the fourth trading week to reach its highest price level for the month recorded on 20th May at US\$34,575 per tonne for cash tin, and at US\$34,800 per tonne for 3-month tin. It dipped sharply afterwards before reversing at end of the trading week. According to a trader, the earlier downtrend was due to profit taking by investment funds, which took advantage from the prior higher prices.

The tin price plateaued somewhat during the early days of the final trading week. It slid before strengthening at end of the trading week to close the trading month of May at US\$33,300 per tonne for cash tin and US\$33,525 per tonne for 3-month tin, higher than the month's opening price level.

The month's average LME cash tin price was US\$33,153 per tonne while the average price for 3-month tin was US\$33,161 per tonne. There were 21 days of tin trading on the LME in May as the market was closed on the 6th and 27th May in conjunction with the Early May Bank holiday and the Spring Bank holiday, respectively.

NEWS HIGHLIGHTS

Malaysia Smelting Corp Earnings set to Rise

The positive global outlook for the tin market, coupled with the deployment of strategic initiatives, is set to fuel tin miner and tin metal producer Malaysia Smelting Corp Bhd's (MSC) earnings for its financial year 2024 (FY24). Group chief executive officer Datuk Patrick Yong told *StarBiz* that while there are short-term uncertainties, the long-term outlook for tin remains positive. Citing a few global developments, he said the ongoing closure of Myanmar's Wa State tin mine continues to tighten the global tin supply.

This, he said, coupled with Indonesia's potential ban on tin exports and licensing delays, geopolitical tensions in the Middle East and key tin-producing regions, such as the North Kivu province of the Democratic Republic of the Congo, can create logistical challenges and further disrupt the supply chain. "At the same time, the demand for electronics products is recovering and this is expected to increase tin consumption."

According to research and consulting firm, Gartner Inc, the improving demand for consumer electronics in the global information technology industry is expected to see an 8% growth in 2024, followed by another strong increase of 9.4% in 2025. This surge in demand for consumer electronics will potentially translate to growth in tin demand, boosting the group's earnings for 2024.

"In the long run, tin plays a critical role in the green energy transition, particularly in lithium-ion batteries for electric vehicles (EVs) and solder ribbons for solar panels. As environmental sustainability gains global momentum, the rising demand for EVs and solar energy would create a subsequent increase in tin demand, positioning the group to capitalise on this growing market. These aforementioned factors are expected to support tin prices in 2024," Yong noted.

For the fourth quarter ended Dec 31, 2023 (4Q23), the company posted a lower net profit of RM9.4mil compared with RM25.8mil in the similar period in 2022. Revenue, however, rose to RM404.6mil against RM391.2mil in 4Q22. For the full FY23, net profit stood at around RM85mil compared with RM98.3mil previously. Revenue for the period declined to RM1.4bil against RM1.5bil in FY22. For FY23, the company declared a final single-tier dividend of seven sen per share amounting to RM29.4mil.

The dividend's ex-date is June 13 and it is payable on June 28, based on the company's filing with Bursa Malaysia. Total dividend per share for FY23 amounted to 14 sen, representing a 69% payout based on its FY23 net profit as compared to previous years payout of between 23% to 30%.

For 2024, Yong said the company would implement cost-effective measures that would improve its operational efficiency and overall performance. Furthermore, he said MSC would continue to focus on ensuring the top submerged lance (TSL) furnace in its new smelter in Pulau Indah is in a stable state for smelting. As part of its cost effective

measures, he said MSC is in the midst of phasing out smelting activities at its Butterworth smelter. With the closure of the Butterworth smelter by mid-2025, he said the company can eliminate the duplication of expenses by operating two plants in parallel. This would help MSC to achieve cost savings of approximately 30%, Yong said.

"We are also exploring solar energy at our subsidiary Rahman Hydraulic Tin Sdn Bhd's (RHT) tin mine, which will lead to higher energy efficiency and lower energy costs, apart from adopting new mining methods and technologies to achieve higher mining output and efficiency," Yong said.

The Pulau Indah plant currently smelts third-party tin ores. The TSL furnace has a smelting capacity of 40,000 tonnes of tin ore (expandable to 60,000 tonnes with oxygen enrichment). "We are currently running at 60% to 70% utilisation rate, with production depending on the availability of tin ore. With higher utilisation of TSL furnaces, we expect to achieve higher economies of scale and smelting yield," he added.

For RHT, Yong said it is in the midst of constructing new waste dump areas and tailing ponds on adjacent lands, adding that this would extend the lifespan of the RHT tin mine.

"We are exploring new techniques and technologies to optimise mining processes. Apart from that, RHT will continue its exploration efforts to enhance mining output. With the acquisition of Asas Baiduri Sdn Bhd (ABSB), MSC has access to the tin ore located within Asas Baiduri's mining lease adjacent to RHT's tin mine. "RHT will explore this land and conduct geotechnical studies in the coming years. These initiatives are expected to increase our overall mining productivity from 10.3 tonnes per day (tpd) in 2023, to 12-13 tpd in a few years time," he pointed out.

UOB Kay Hian in its latest research report said MSC is poised for significant growth in 2024 as the London Metal Exchange (LME) tin prices have soared 43% year-to-date, mainly due to ongoing supply constraints. "We expect 1Q24 core earnings to come in at RM27mil to RM29mil on the back of sequentially stronger 1Q24 average LME tin prices of US\$26,195 per tonne (versus 4Q23's average price of US\$24,705 per tonne), similar cost structures and higher utilisation rate from TSL furnaces," it said.

The research house also added that it expects MSC to register full-year core earnings of RM1,653mil to RM1,827mil (54% to 60% year-on-year) on the back of higher LME tin prices and cost saving from the closing down of its Butterworth plant. With the new mining area from ABSB, MSC is poised to surpass 12-13 tonnes per day, potentially boosting earnings by around 12% in the next two to three years. On smelting, the brokerage expects improved utilisation rates post-rebrick exercise in August 2023.

(Source: *The Star*, 6 May 2024)

Prabowo's Brother Building Tin Plant in Batam

A 100 billion rupiah (RM\$29.5 million) tin-processing plant is being built in Batam by the younger brother of Indonesian President-elect Prabowo Subianto, with the aim of supplying key raw materials to electronics makers based on the industrial island and in the region. The plant by Hashim Djojohadikusumo's company Solder Tin Andalan will source raw tin from a mine in the tin-rich Bangka Belitung islands off Sumatra, 570km south-east of Batam. That tin mine is operated by Arsari Tambang, a company controlled by Hashim.

He told reporters at the plant's ground-breaking ceremony that he hopes to tap demand from manufacturers such as electronics makers that had relocated from China to South-East Asia. The plant will churn out, among other things, solder paste and solder wire – crucial materials used in printed circuit boards.

Hashim said the plant will benefit from the relocation of electronics manufacturers to South-East Asian countries such as Vietnam, Malaysia and Thailand, and he expressed confidence that those relocated plants will likely be buyers of Solder Tin Andalan products. "Among the main sources of solders (for global supply) are Malaysia and India. Our target is to get some of their market share, relying on the tin resources in Indonesia. We can operate more competitively," he said.

Hashim, 69, said the project dovetails with President Joko Widodo's downstreaming policy that prioritises the processing of natural commodities in Indonesia, thus moving the country higher in the industrial value chain. "President-elect Prabowo Subianto has affirmed... and has vowed that the downstreaming programme will continue. The establishment of this plant is one of his commitments," he said.

(Source: *The Star*, 12 May 2024)

NEWS ROUND-UP

Penouta Mine to be Partially Re-opened

The operators of the Penouta tin-tantalum-niobium mine in Spain have announced a partial reopening of the mine while awaiting the court's decision over the provisional suspension of the Section C permit in October 2023 following an environmental complaint.

Strategic Minerals Europe holds two Mining Concessions at the Penouta site: Section C, covering hard rock natural mineral resources, and Section B, covering non-natural resources including tailings and waste dumps from historical operations. The company's Section C permit was provisionally suspended by the Superior Court of Xustiza of Galicia in October 2023, leading to the immediate closure of the mine. The mine produced 351 tonnes of tin-in-concentrate in 2023 before its closure.

IberAmerican, currently in the process of merging with Strategic Minerals Europe, announced that production would resume on completion of the proposed transaction, with extraction from tailings and waste materials of the Section B resource. The company also announced that it was committed to making improvements to enhance extraction efficiency from the Section C hard rock resource so that the company

can resume production as soon as possible after the lifting of the suspension.

A spokesman from IberAmerican commented: "Upon completion of the Proposed Transaction, we intend to promptly resume production in Section B, generating immediate cash flow. Concurrently, we are dedicated to executing essential capital investments to bolster production efficiencies, laying the groundwork for the reactivation of operations in the expansive Penouta resource within Section C later this year."

The Penouta mine was abandoned in 1985 due to the collapse in tin prices. It recommenced production in 2018, but in 2022, a complaint was filed by an environmentalist group against the local mining authority requesting the revocation of the permit. The claim alleged that operations at Penouta were affecting irrigation and the immediate area.

Following the court's October 2023 decision to provisionally suspend the permit, the company unsuccessfully appealed, with the court reaffirming the provisional suspension until its verdict on the original complaint, due on 31 May 2024.

South Crofty PEA Published

Cornish Metals, a tin exploration and development company, has published a Preliminary Economic Assessment (PEA) for its South Crofty project, highlighting a base case after-tax Net Present Value (NPV) of US\$201 million and Internal Rate of Return (IRR) of 29.8 per cent.

The company has been dewatering the historic South Crofty mine, which flooded since its closure in 1998, and has been developing the project with the aim of entering production in 2027 for a 14-year mine life. The project is fully permitted with mining permission to 2071, and with full planning permission to construct a processing plant.

The company's Interim CEO and Director commented: "This PEA is an important milestone for Cornish Metals and our goal of bringing responsible tin mining back to Cornwall and the United Kingdom."

The PEA outlines a mine throughput of 500 ktpa at an average of 0.94 per cent Sn, and a processed throughput of 250 ktpa at an average of 87.8 per cent tin recovery, for a production total of 49,310 tonnes contained tin over the 14-year mine life. In addition to tin, the PEA includes life of mine production totals of 3,844 tonnes contained copper and 3,225 tonnes contained zinc.

Pre-production capital costs are placed at US\$177 million, and post-production at US\$54 million, while the average life of mine net cash cost is reported as US\$12,705 per tonne tin and an all-in sustaining cost of \$13,661 per tonne tin.

Highlighting the project's economics, the company's Chief Operating Officer (COO) commented: "The PEA results are compelling with a post-tax NPV of \$201 million and IRR of about 30 per cent at a tin price of US\$31,000." The company expects an average annual post-tax cash flow of US\$65 million in years 2-6, peaking at US\$82 million in year 2, and a post-tax capital payback period of three years, reflecting a lower all-in-sustaining cost of around US\$12,400 per tonne tin in the early mine life period. The COO continued, "The low all-in sustaining cost of about US\$13,700 per tonne of payable tin is an important metric and potentially positions the project within the lowest quartile of the global tin industry cost curve."

The mine design utilises existing developments where possible, with new ramps developed to provide mechanised access to other levels, and mine waste will be backfilled as a paste into historical void spaces meaning that the underground operation does not require surface tailings storage. Additionally, Cornish Metals intends to use the historic Wheal Jane concentrator as the basis of the processing circuit, which the company has used for its 2023 metallurgical testwork.

Elementos to Complete Oropesa's DFS

Elementos, a tin exploration and development company, plans to complete the Definitive Feasibility Study (DFS) for its Oropesa Tin Project in Spain, by the end of 2024 after the Andalusian Government gave its support to the modified project layout.

The local government considering the company's Environmental Application had raised concerns about the mining project and treatment plant and relevant environmental regulations. An agreement has now been reached for layout modifications that improve environmental and community outcomes. The administration also reaffirmed its support for Oropesa as one of seven key mining projects in the government's Project Accelerator Unit.

The company's spokesman commented: "The Oropesa Project is one of the world's largest undeveloped, open-cut tin deposits with special strategic significance to the European Union which is committed to sourcing a responsible and local 'domestic' supply of critical minerals like tin. The [Andalusian Government] has always been a strong supporter of the Pro-

ject and we thank the officials in its key departments for working collaboratively with the company to find a responsible way forward which further improves the project's ESG credentials."

Elementos updated its project forecast with the DFS now set to be completed in the fourth quarter of 2024, receipt of environment and mining licences by the end of 2025, and targeted first production by the end of 2027.

Modifications to the project include the moving of the planned external waste dumps and the tailings dam to areas of lower flora and wildlife density, and the relocation of the access road to avoid overlap with an existing stock cattle route. As a result, the proposed processing plant has been moved and the open pit shell reconfigured to maintain efficient operations. Other than that, there will also be a change to the open pit rehabilitation plan, with the pit now to only be partially back-filled, therefore reducing end-of-mine-life rehabilitation costs.

Mpama South Starting Production

Alphamin Resources Corp has brought its major expansion at Bisie, DR Congo, into production.

Alphamin's Mpama South project is an expansion to the existing Mpama North mine at Bisie, which contributed 4 per cent of the world's mined tin supply in 2023. Mining at Mpama South and the construction of a second processing plant will increase the company's annual output from approximately 12,500 tonnes in 2023 to 20,000 tonnes tin-in-concentrate. The combined plant output capacity is 25,000 tonnes contained tin per annum.

The company announced on 27 May 2024 that the new Mpama South processing facility has been producing salea-

ble tin concentrate since 14 May. This comes just over two years after Alphamin declared the maiden Mineral Resource Estimate and Preliminary Economic Assessment for Mpama South in March 2022.

The facility produced 159 tonnes of contained tin from 17 May and is now operating at targeted recoveries. The first ore was processed at the plant on 29 April as the final stages of commissioning were completed and the company focused on achieving consistent throughput and producing at targeted processing recoveries.

(Source: International Tin Association Ltd. UK)

LME TIN PRICES

Period		Cash (US\$/Tonne)	3-Month (US\$/Tonne)
2016		17,982	17,889
	2017	20,098	19,994
	2018	20,168	20,086
	2019	18,671	18,610
	2020	17,134	17,079
	2021	32,584	31,105
	2022	31,384	31,122
2021	2023	25,973	25,951
	Jan.	21,955	21,596
	Feb.	26,717	24,415
	Mar.	27,396	25,079
	Apr.	28,427	26,568
	May	32,524	29,736
	Jun.	32,678	30,829
	Jul.	34,183	33,010
	Aug.	35,205	34,352
	Sep.	35,048	34,109
	Oct.	37,962	36,567
	Nov.	39,333	38,042
	Dec.	39,574	38,956
2022	Jan.	41,807	41,344
	Feb.	44,118	43,820
	Mar.	44,249	43,917
	Apr.	43,122	42,644
	May	35,945	35,617
	Jun.	31,777	31,459
	Jul.	25,173	24,816
	Aug.	24,520	24,276
	Sep.	21,258	21,150
	Oct.	19,406	19,373
	Nov.	21,136	21,004
	Dec.	24,099	24,038
2023	Jan.	28,081	28,146
	Feb.	27,070	27,218
	Mar.	24,014	24,076
	Apr.	25,886	25,744
	May	25,610	25,345
	Jun.	27,263	26,318
	Jul.	28,751	28,387
	Aug.	25,995	26,211
	Sep.	25,559	25,767
	Oct.	24,618	24,878
	Nov.	24,221	24,472
	Dec.	24,606	24,851
2024	Jan.	25,211	25,443
	Feb.	26,157	26,390
	Mar.	27,446	27,581
	Apr.	31,845	31,710
	May.	33,153	33,161
2024 MAY	1	31,150	31,050
	2	31,375	31,150
	3	32,050	31,900
	6	CLOSED	
	7	32,575	32,400
	8	32,650	32,450
	9	32,400	32,150
	10	32,895	32,675
	13	32,675	32,600
	14	33,300	33,325
	15	34,100	33,970
	16	33,625	33,650
	17	34,190	34,300
	20	34,575	34,800
	21	34,105	34,350
	22	33,350	33,600
	23	33,125	33,115
	24	33,725	33,850
	27	CLOSED	
	28	33,950	34,125
	29	33,955	34,100
	30	33,150	33,300
	31	33,300	33,525

Source : London Metal Exchange

WORLD REFINED TIN STOCKS (In 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	2,587	1,469	439	3,600	5,610	16,790	27,226	4,020
2019	7,130	2,130	955	8,600	1,806	400	3,600	5,920	23,217	35,678	4,020
2020	1,890	2,130	955	8,600	1,473	271	3,600	5,100	22,129	29,464	4,020
2021	2,020	2,130	955	8,600	1,545	377	3,600	4,530	21,737	25,142	4,020
2022	2,990	2,130	955	8,600	1,572	230	3,600	4,740	21,827	28,900	4,020
2019 Jan.	1,845	2,130	955	2,587	1,578	439	3,600	5,150	16,439	26,524	4,020
Feb.	1,325	2,130	955	2,587	1,578	439	3,600	5,150	16,552	26,111	4,020
Mar.	950	2,130	955	8,594	1,765	439	3,600	4,850	22,333	31,458	4,020
Apr.	890	2,130	955	8,594	1,834	439	3,600	5,580	23,132	31,451	4,020
May.	2,810	2,130	955	8,600	1,849	439	3,600	5,510	23,083	34,096	4,020
Jun.	6,045	2,130	955	8,600	2,520	209	3,600	5,510	23,524	37,961	4,020
Jul.	4,640	2,130	955	8,600	2,520	209	3,600	5,510	23,524	34,583	4,020
Aug.	6,830	2,130	955	8,600	2,445	209	3,600	5,510	23,449	35,355	4,020
Sep.	6,620	2,130	955	8,600	2,013	919	3,600	5,510	23,017	34,215	4,020
Oct.	6,020	2,130	955	8,600	2,100	400	3,600	5,510	23,104	33,684	4,020
Nov.	6,235	2,130	955	8,600	2,022	400	3,600	5,510	23,217	33,116	4,020
Dec.	7,130	2,130	955	8,600	1,806	400	3,600	5,920	23,217	35,678	4,020
2020 Jan.	6,630	2,130	955	8,600	2,041	400	3,600	4,780	22,546	36,171	4,020
Feb.	7,440	2,130	955	8,600	1,966	400	3,600	4,780	22,431	36,261	4,020
Mar.	6,205	2,130	955	8,600	1,966	268	3,600	4,780	22,211	32,855	4,020
Apr.	5,375	2,130	955	8,600	1,761	268	3,600	4,780	22,094	31,171	4,020
May.	2,455	2,130	955	8,600	1,850	268	3,600	5,090	22,183	28,129	4,020
Jun.	4,230	2,130	955	8,600	1,697	268	3,600	5,080	22,330	29,666	4,020
Jul.	3,675	2,130	955	8,600	1,645	268	3,600	5,070	22,268	29,226	4,020
Aug.	5,040	2,130	955	8,600	1,520	268	3,600	5,080	22,143	30,811	4,020
Sep.	5,550	2,130	955	8,600	1,663	432	3,600	5,100	22,480	31,518	4,020
Oct.	4,533	2,130	955	8,600	1,621	432	3,600	5,060	22,398	31,119	4,020
Nov.	3,805	2,130	955	8,600	1,473	432	3,600	5,100	22,290	31,100	4,020
Dec.	1,890	2,130	955	8,600	1,473	271	3,600	5,100	22,129	29,464	4,020
2021 Jan.	820	2,130	955	8,600	1,570	271	3,600	5,240	22,366	29,477	4,020
Feb.	1,745	2,130	955	8,600	1,578	271	3,600	5,910	23,044	33,151	4,020
Mar.	1,740	2,130	955	8,600	1,573	181	3,600	4,540	21,579	31,734	4,020
Apr.	1,245	2,130	955	8,600	1,573	181	3,600	4,550	21,589	30,572	4,020
May	755	2,130	955	8,600	1,573	181	3,600	4,550	21,589	28,232	4,020
Jun.	2,015	2,130	955	8,600	1,573	181	3,600	4,500	21,539	27,012	4,020
Jul.	2,290	2,130	955	8,600	1,573	181	3,600	4,460	21,499	26,954	4,020
Aug.	1,395	2,130	955	8,600	1,581	181	3,600	4,440	21,487	24,199	4,020
Sep.	1,235	2,130	955	8,600	1,518	265	3,600	4,440	21,508	24,344	4,020
Oct.	670	2,130	955	8,600	1,518	265	3,600	4,510	21,508	23,287	4,020
Nov.	1,285	2,130	955	8,600	1,548	265	3,600	4,530	21,508	24,894	4,020
Dec.	2,045	2,130	955	8,600	1,545	377	3,600	4,530	21,737	25,142	4,020
2022 Jan.	2,390	2,130	955	8,600	1,545	181	3,600	5,040	22,051	27,505	4,020
Feb.	2,245	2,130	955	8,600	1,550	181	3,600	5,060	22,076	27,342	4,020
Mar.	2,000	2,130	955	8,600	1,535	181	3,600	4,940	21,941	26,552	4,020
Apr.	2,010	2,130	955	8,600	1,551	681	3,600	4,750	22,267	26,222	4,020
May	1,990	2,130	955	8,600	1,572	681	3,600	4,710	22,248	26,496	4,020
Jun.	2,765	2,130	955	8,600	1,616	681	3,600	4,770	22,352	28,868	4,020
Jul.	3,330	2,130	955	8,600	1,572	230	3,600	4,740	21,827	29,267	4,020
Aug.	4,065	2,130	955	8,600	1,572	230	3,600	4,700	21,787	28,578	4,020
Sep.	4,565	2,130	955	8,600	1,572	230	3,600	4,740	21,827	28,093	4,020
Oct.	4,255	2,130	955	8,600	1,572	230	3,600	4,770	21,857	28,643	4,020
Nov.	2,930	2,130	955	8,600	1,572	230	3,600	4,740	21,827	28,900	4,020
Dec.	2,880	2,130	955	8,600	1,572	230	3,600	4,740	21,827	28,900	4,020
2023** Jan.	3,015	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
Feb.	2,950	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

** : Preliminary

n.y.a : Not yet available

MALAYSIAN PRODUCTION (In Tonnes)
NUMBER OF MINES IN OPERATIONS AND
EMPLOYMENT AT TIN MINES BY MINING METHODS

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	10	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
2022	3,517	19	2,037	-	-	-	-	-	-	3,298	19	1,840	-	-	-	138	-	-	80	10	197
2023**	3,767	23	2,496	-	-	-	-	-	-	3,591	23	2,210	-	-	-	152	-	-	24	16	286
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
Oct.	322	18	1,919	-	-	-	-	-	-	310.5	18	1,722	-	-	-	7.3	-	-	4.4	10	197
Nov.	271	17	1,929	-	-	-	-	-	-	258.1	17	1,732	-	-	-	10.0	-	-	2.6	10	197
Dec.	331	19	2,037	-	-	-	-	-	-	322.1	19	1,840	-	-	-	7.8	-	-	1.5	10	197
2023**																					
Jan.	327	20	2,026	-	-	-	-	-	-	314.5	20	1,841	-	-	-	11.2	-	-	1.5	9	185
Feb.	301	16	1,998	-	-	-	-	-	-	284.7	16	1,813	-	-	-	15.6	-	-	0.9	9	185
Mar.	316	15	2,043	-	-	-	-	-	-	300.6	15	1,859	-	-	-	14.9	-	-	0.3	9	184
Apr.	297	17	2,070	-	-	-	-	-	-	282.2	17	1,887	-	-	-	14.7	-	-	0.3	9	183
May	315	20	2,106	-	-	-	-	-	-	296.4	20	1,897	-	-	-	17.8	-	-	1.1	14	209
Jun.	304	18	2,136	-	-	-	-	-	-	286.3	18	1,921	-	-	-	16.2	-	-	1.7	14	215
Jul.	316	18	2,135	-	-	-	-	-	-	300.3	18	1,922	-	-	-	14.7	-	-	0.6	14	213
Aug.	309	19	2,141	-	-	-	-	-	-	291.5	19	1,924	-	-	-	14.7	-	-	2.4	14	217
Sep.	290	20	2,134	-	-	-	-	-	-	276.1	20	1,921	-	-	-	11.1	-	-	2.6	15	213
Oct.	355	20	2,424	-	-	-	-	-	-	339.0	20	2,184	-	-	-	10.7	-	-	4.8	16	240
Nov.	312	20	2,426	-	-	-	-	-	-	305.3	20	2,186	-	-	-	5.4	-	-	0.9	16	240
Dec.	326	23	2,496	-	-	-	-	-	-	313.8	23	2,210	-	-	-	5.3	-	-	7.1	16	286

Source : Department of Mineral and Geoscience Malaysia

** : Preliminary.

- : Nil

Note : * Number of units does not include Retreatment / Mineral Processing Plant

**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
2022	3,517	18,043	19,442	1,152	19,299
2023*	3,767	n.y.a	n.y.a	1,161	n.y.a
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	1,173	1,332	106	1,305
Feb.	252	1,162	1,160	108	1,017
Mar.	306	1,258	1,653	89	1,659
Apr.	273	1,511	1,417	117	1,431
May	276	1,660	1,143	82	1,333
Jun.	285	1,729	1,730	76	1,481
Jul.	303	1,475	1,886	100	1,494
Aug.	338	1,397	2,211	94	2,402
Sep.	325	1,313	1,592	83	1,948
Oct	322	1,842	1,692	82	1,431
Nov.	271	1,454	1,702	117	1,622
Dec.	331	2,069	1,924	98	2,176
2023*					
Jan.	327	1,482	1,780	94	1,388
Feb.	301	1,715	1,561	118	2,015
Mar.	316	1,920	2,054	113	2,138
Apr.	297	1,374	1,513	89	1,651
May	315	1,617	1,848	103	1,730
Jun.	304	1,416	1,453	87	1,724
Jul.	316	2,096	1,912	75	1,557
Aug.	309	1,485	1,664	57	1,778
Sep.	290	1,837	1,591	73	1,535
Oct	355	1,631	2,076	132	2,062
Nov.	312	n.y.a	n.y.a	109	n.y.a
Dec.	326	n.y.a	n.y.a	110	n.y.a

Sources : 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	1,152	400	639	9	104
2023	1,161	555	485	5	116
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.	106	27	56	0	23
Feb.	108	35	69	1	3
Mar.	89	24	58	1	6
Apr.	117	39	67	1	10
May	82	24	54	0	4
Jun	76	20	50	0	6
Jul.	100	25	62	2	11
Aug.	94	30	54	0	10
Sep.	83	40	35	1	7
Oct.	82	30	41	1	10
Nov.	117	57	50	1	9
Dec.	98	49	43	1	5
2023					
Jan.	94	60	31	0	3
Feb.	118	68	40	1.5	8
Mar.	113	79	29	0.1	5
Apr.	89	41	39	1.0	8
May.	103	50	38	1.1	14
Jun.	87	55	30	0.1	2
Jul.	75	20	48	0.1	7
Aug.	57	20	27	0.1	10
Sep.	73	27	42	0.2	4
Oct.	132	55	56	0.1	21
Nov.	109	40	52	0.1	17
Dec.	110	40	53	0.1	17
2024					
Jan.	n.y.a	n.y.a	49	n.y.a	n.y.a
Feb.	n.y.a	n.y.a	42	n.y.a	n.y.a
Mar.	n.y.a	n.y.a	35	n.y.a	n.y.a
Apr.	n.y.a	n.y.a	41	n.y.a	n.y.a
May.	n.y.a	n.y.a	34	n.y.a	n.y.a

Sources : Malaysia Smelting Corporation Bhd
Perstima Bhd

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

Note : Domestic 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.

n.y.a : not yet available

WORLD MINE PRODUCTION

(In Tonnes)

	2016	2017	2018	2019	2020	2021	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
EUROPE																	
Portugal	48	56	60	108	108	108	9	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	10
Russia	1,140	702	1,200	2,264	2,538	2,920	244	250	182	237	237	238	200	200	200	200	200
United Kingdom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AFRICA																	
Burundi	51	123	126	143	121	127	47	50	50	50	50	50	0	11	0	0	0
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	1,000
Egypt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Namibia	0	0	0	9	242	499	45	53	50	50	52	50	50	50	50	50	49
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	500
Rwanda	2,621	3,508	2,400	2,223	1,692	2,122	150	150	150	150	150	150	200	200	200	200	200
South Africa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zimbabwe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tanzania	104	68	6	18	1,600	1,200	100	100	100	100	100	100	100	100	100	100	100
Uganda	0	66	53	50	0	0	0	0	0	0	0	0	0	0	0	0	0
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	9,200
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	5,000
Kazakhstan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laos	1,308	779	566	1,156	1,237	1,415	249	157	200	337	54	50	117	312	195	200	200
Malaysia	4,123	3,967	3,999	4,080	3,183	3,180	265	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	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	2,000
Thailand	124	705	720	720	720	720	60	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	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	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	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	2,368
U.S.A.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OCEANIA																	
Australia	6,635	7,217	6,871	7,738	7,836	8,691	600	600	600	900	900	900	800	800	750	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	25,271

Source : World Bureau of Metal Statistics

WORLD REFINED TIN CONSUMPTION (In Tonnes)

	2016	2017	2018	2019	2020	2021	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
EUROPE																	
Austria	3,323	4,148	3,983	3,082	2,960	4,057	250	200	204	200	328	300	227	250	435	450	300
Belgium	2,400	697	720	720	720	720	60	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	20
Czech Republic	515	532	603	605	335	439	36	22	24	29	24	20	12	44	12	15	18
Denmark	3	17	7	1	10	17	1	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	10
France	4,736	5,456	6,080	5,020	4,982	3,643	242	280	351	471	284	386	246	386	361	382	219
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	1,024
Greece	632	600	646	634	637	646	50	60	50	50	50	51	53	52	60	60	50
Hungary	145	1,177	2,050	2,036	1,714	1,706	100	100	130	130	122	100	152	150	150	150	100
Ireland	4	0	2	0	0	1	0	0	0	0	0	0	0	0	1	0	0
Italy	3,495	3,974	4,678	4,324	3,402	4,153	300	300	522	500	479	500	456	450	742	750	750
Netherlands	6,000	6,000	6,000	6,000	5,400	5,400	450	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	0
Poland	3,669	3,537	3,723	3,335	1,580	1,012	125	50	30	30	103	32	100	100	196	200	130
Portugal	554	856	891	831	463	476	60	90	10	10	197	58	141	104	110	110	110
Romania	336	516	866	551	442	554	25	20	50	50	64	60	23	25	20	20	10
Russia	995	1,339	495	1,914	1,443	2,015	99	175	175	175	180	180	180	180	170	170	170
Slovakia	465	645	767	593	614	669	40	27	68	47	70	46	72	69	47	50	75
Spain	1,495	1,605	1,652	1,563	1,898	1,715	160	100	200	200	148	150	128	150	80	80	200
Sweden	6,492	5,457	6,020	5,835	5,343	6,105	600	530	549	550	517	541	500	500	296	300	700
Switzerland	47	69	45	60	44	46	1	10	10	10	13	10	1	5	10	10	5
United Kingdom	979	936	961	262	102	80	2	14	12	4	10	12	5	4	10	3	2
Yugoslavia	1,080	1,080	1,080	1,080	240	960	80	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	40
AFRICA																	
Egypt	107	119	225	174	139	181	20	15	15	15	10	10	5	5	10	10	10
Morocco	21	15	22	20	22	27	3	0	2	5	6	4	0	0	0	0	0
Nigeria	300	623	1,436	1,322	240	240	20	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	50
Other Africa	720	720	720	720	530	480	40	0	40	40	40	40	40	40	10	40	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	18,657
Hong Kong	1,800	1,800	3,300	3,600	480	1,359	130	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	1,000
Indonesia	1,200	1,200	1,200	1,200	1,200	1,200	100	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	102
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	2,162
Kazakhstan	490	431	405	350	287	0	5	50	50	0	0	45	20	130	50	1	0
Malaysia	1,560	1,560	1,560	1,560	1,560	1,560	130	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	20
Philippines	506	220	307	1,385	776	1,045	75	24	16	97	109	29	86	61	40	40	111
Singapore	1,960	1,920	1,920	1,920	1,720	1,920	160	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	1,040
Syria	120	120	120	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	8,772	580	742	861	900	726	640	925	767	674	700	750
Thailand	3,131	4,259	3,000	3,000	3,000	3,000	250	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	420
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	180
Vietnam	6,000	6,000	4,200	3,600	4,639	4,622	380	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	130
AMERICA																	
Argentina	878	596	674	420	1,108	799	40	35	26	39	43	40	4	14	55	34	53
Bolivia	480	480	480	480	480	480	40	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	100
Canada	2,887	2,562	2,489	2,387	1,871	3,264	148	493	351	350	350	350	68	72	202	54	94
Chile	111	82	95	111	133	130	16	5	5	7	10	11	5	17	5	10	38
Colombia	300	280	271	248	237	207	33	10	4	5	12	12	25	20	8	10	10
Mexico	4,160	4,197	4,906	4,779	4,406	4,661	400	400	454	450	242	250	267	300	160	150	300
Peru	216	216	216	216	198	216	18	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	1,843
Venezuela	59	19	16	12	10	12	1	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	20
OCEANIA																	
Australia	215	259	284	375	255	317	0	20	49	54	9	56	18	47	27	21	21
New Zealand	7	49	46	41	30	65	0	5	0	12	0	9	11	0	7	5	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	32,909

Source : World Bureau of Metal Statistics