# MALAYSIAN TIN BULLETIN

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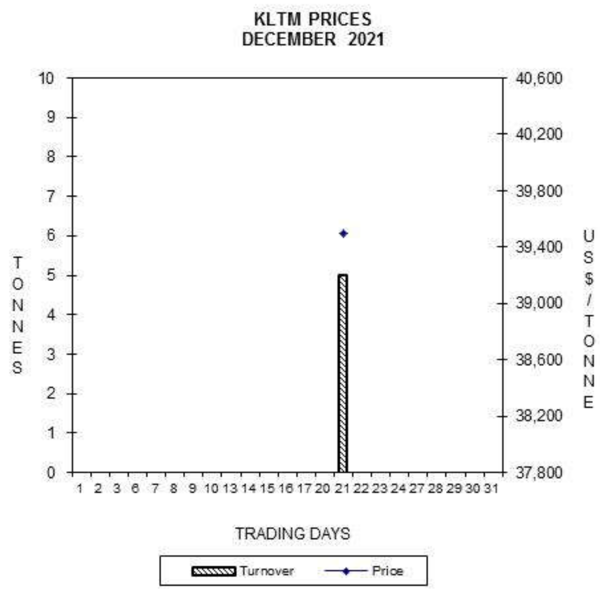
# DECEMBER TIN MARKET REVIEW

## Kuala Lumpur Tin Market (KLTM)

The Kuala Lumpur Tin Market (KLTM) resumed tin trading on 21st December 2021 after Malaysia Smelting Corporation Berhad (MSC) lifted its Force Majeure declaration at midnight on 20th December 2021. The local physical tin market had been suspended for about six months beginning 9th June 2021 following the said Force Majeure declaration.




The tin price recorded on that resumption date by the KLTM on 21st December 2021 was US$39,500 per tonne, substantially higher than its closing price on 8th June 2021 of US$31,550 per tonne, which was the last trading day before its suspension. It was the only transaction recorded in the month of December as no other transaction was recorded during the remaining days of the month following the trading resumption.

# INSIDE THIS ISSUE

## London Metal Exchange (LME)

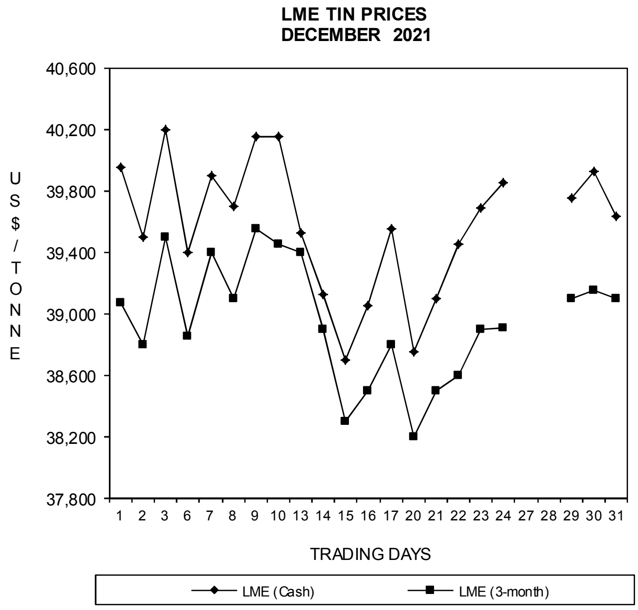
Tin trading on the London Metal Exchange (LME) during the December month was mostly volatile as market sentiment was largely uncertain. The tin price was traded range bound between US$38,200 to US$40,200 per tonne during the final trading month of 2021.

The market kicked-off the first trading week at US$39,950 per tonne for cash tin and US$39,075 per tonne for 3-month tin. It slid the following day before rebounding to end the short first trading week higher and recorded the month's highest price level for cash tin at US$40,200 per tonne on 3rd December.

The tin price softened at the opening of the second trading week before trading range bound towards end of the week. It was during this period that the month's highest price level for 3-month tin was recorded at US$39,550 per tonne on 9th December, bolstered by strong demand.

Weak demand pulled the tin price down during the first half of the third trading week to record its lowest price level for cash tin at US$38,700 per tonne on 15th December. It reversed the decline towards end of the trading week.

During the fourth trading week, the tin price slid at the opening to record its lowest level for 3-month tin at US$38,200 per tonne on 20th December. It rebounded, thereafter, to end the trading week higher with buyers dominating the market.




The tin price recorded a mixed trading pattern during the final trading week to close the last trading month of the year at US$39,635 per tonne for cash tin and US$39,100 per tonne for 3-month tin.

The December average LME cash and 3-month tin prices were US$39,574 and US$38,956 per tonne, respectively.

# NEWS HIGHLIGHT

## KLTM to Resume Trading Today

Tin trading on the Kuala Lumpur Tin Market (KLTM) will resume today after more than six months of suspension. In a statement, KLTM said this comes after Malaysia Smelting Corp Bhd's (MSC) announcement that the company would be lifting its force majeure declaration at midnight December 20, barring any unforeseen circumstances.

"Please be informed that tin trading on the KLTM will resume on Tuesday, December 21," it said.

*(Source: The Star, 21 December 2021)*

# NEWS ROUND-UP

## Tin Boost Solar Water Heater Efficiency

Scientists at the Egyptian National Research Centre have demonstrated that black tin anodised aluminium is 17 per cent more heat efficient for flat panel solar water heaters compared to standard black paint coatings. Solar water heaters, using sunlight to heat domestic water, are expected to be an important step towards tackling climate change, supplying up to 35 per cent of demand by 2050.

In 2020, around 250 million residences used solar water heaters on rooftops, including flat panel and evacuated tube designs, both of which are used in different types of climate. Flat panels traditionally use a black paint such as Thurmolox, or 'selective' coatings typically based on chrome or nickel that may be undesirable or expensive. Black paint coatings absorb more heat but also release more energy. A more efficient, sustainable and cost-effective solutions are needed.

In comparing the performance across a range of day-time temperatures, the Egyptian scientists discovered that the tin anodised aluminium panel, made using stannous sulphate was more efficient compared to a black paint panel. Temperatures achieved were up to 10°C higher, while the average heat conversion efficiency was 62 per cent, about 17 per cent better compared to the paint.

The International Energy Authority (IEA) in its recent report has highlighted the use of solar thermal water and space heating in residential buildings in reducing the use of fossil fuels. IEA forecasts an increase in total energy from the current 1.6 ExoJoules to 2.2 ExoJoules in 2026 or 2.8 ExoJoules in a Net Zero Scenario. In the latter case, this would equate to increasing the number of solar water heaters from 250 million in 2020 to 400 million by 2030 and 1,200 million by 2050.

This present work may provide an important new path in making solar water heater systems more cost-effective and able to contribute a larger share of domestic heat demand per household.

## China's Kaimeng Smelter Undergoing Routine Maintenance

Local sources indicate that Gejiu Kaimeng Industry and Trade Co. Ltd, one of the several smelters in Gejiu, Yunnan province, China, has begun a month-long routine maintenance on its tin smelter. The smelter currently produces some 600 to 700 tonnes of refined tin monthly.

The routine maintenance will cover crude tin production and refining, amongst other processes. Production is expected to resume in the new year.

# Record Uis Tin Mine Q3 Results

AfriTin Mining has been the owner and operator of the Uis tin mine in Namibia since late 2019, but results from the third quarter for the financial year 2021-2022 was its best to date.

The mine's throughput rose by some 17 per cent compared to the second quarter with some 148,700 tonnes of ore passing through the plant. Recovery of tin was 61 per cent, above the target of 60 per cent. Tin grades also improved, with the plant feed averaging 0.150 per cent Sn, above the average life-of-mine grade of 0.138 per cent.

Owing to these improvements, 220 tonnes of tin concentrate was produced during the quarter, containing some 136 tonnes of tin metal. This was higher by some 20 per cent compared to the previous quarter, more than 25 per cent above nameplate capacity of 108 tonnes of tin-in-concentrate, being the mine's new record. The previous highest level output was in the final quarter of the 2020-2021 financial year when some 126 tonnes of tin-in-concentrate was produced.

A significant improvement in operating costs was also recorded during the quarter. Costs peaked in the second quarter of this financial year at US$26,625 per tonne tin. However, it declined in the most recent quarter by 18 per cent to US$21,834 per tonne tin. All in Sustaining Cost (AISC) also declined. It went down by 22 per cent, quarter-on-quarter, to US$23,290 per tonne tin.

AfriTin is progressing well with its Phase 1 expansion project, which is to increase tin concentrate production by 67 per cent from current nameplate level of 720 tonnes annually. Construction and commissioning of the expanded plant is on track, expected to be completed in the second quarter of 2022. Work for the Phase 2 expansion is also advancing, with an annual production of 10,000 tonnes tin concentrate, along with lithium and tantalum by-products being expected. An exploration drilling programme was announced in late October 2021, followed by by-product test work in November 2021. Water and power infrastructure will need to be upgraded for Phase 2, and AfriTin is engaged with both Namibian state-owned and private utilities providers to explore options. These include renewable energy generation and linking with existing desalinated water supply infrastructure in the region.

*(Source: International Tin Association Ltd. UK)*

# KLTM & LME TIN PRICES

| Period | | KLTM | | | | LME | |
|---|---|---|---|---|---|---|---|
| | | Average Price * (US$/Tonne) | Exchange Rates | Average Daily Turnover (Tonnes) | Total Turnover (Tonnes) | Cash (US$/Tonne) | 3-Month (US$/Tonne) |
| | 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 |
| 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. | | CLOSED | | | 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. | | CLOSED | | | 34,183 | 33,010 |
| | Aug. | | CLOSED | | | 35,205 | 34,352 |
| | Sep. | | CLOSED | | | 35,048 | 34,109 |
| | Oct. | | CLOSED | | | 37,962 | 36,567 |
| | Nov. | | CLOSED | | | 39,333 | 38,042 |
| | Dec. | 39,500 | | 5 | 5 | 39,574 | 38,956 |
| 2021 | 1 | | CLOSED | | | 39,950 | 39,075 |
| DEC | 2 | | CLOSED | | | 39,500 | 38,800 |
| | 3 | | CLOSED | | | 40,200 | 39,500 |
| | 6 | | CLOSED | | | 39,400 | 38,850 |
| | 7 | | CLOSED | | | 39,900 | 39,400 |
| | 8 | | CLOSED | | | 39,700 | 39,100 |
| | 9 | | CLOSED | | | 40,150 | 39,550 |
| | 10 | | CLOSED | | | 40,150 | 39,450 |
| | 13 | | CLOSED | | | 39,525 | 39,400 |
| | 14 | | CLOSED | | | 39,125 | 38,900 |
| | 15 | | CLOSED | | | 38,700 | 38,300 |
| | 16 | | CLOSED | | | 39,050 | 38,500 |
| | 17 | | CLOSED | | | 39,550 | 38,800 |
| | 20 | | CLOSED | | | 38,750 | 38,200 |
| | 21 | 39,500 | 4.2172 | 166,579 | 5 | 39,100 | 38,500 |
| | 22 | | NO TRANSACTION | | | 39,450 | 38,600 |
| | 23 | | NO TRANSACTION | | | 39,690 | 38,900 |
| | 24 | | NO TRANSACTION | | | 39,850 | 38,905 |
| | 27 | | NO TRANSACTION | | | CLOSED | |
| | 28 | | NO TRANSACTION | | | CLOSED | |
| | 29 | | NO TRANSACTION | | | 39,750 | 39,100 |
| | 30 | | NO TRANSACTION | | | 39,925 | 39,150 |
| | 31 | | NO TRANSACTION | | | 39,635 | 39,100 |

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 |
| 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* | 4,500 | 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* | 1,573 | 181* | 3600* | 4,440 | 21,499 | 24,211 | 4,020 |
| Sep. | 1,235 | 2,130 | 955 | 8600* | 1,573 | 265* | 3600* | 4,440 | 21,563 | 24,399 | 4,020 |
| Oct. | 670 | 2,130 | 955 | 8600* | 1,573 | 265* | 3600* | 4,440 | 21,563 | 24,399 | 4,020 |
| Nov. | 1,285 | 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
Source : 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 |
| 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 |

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 |
| May. | 262 | n.y.a | n.y.a | n.y.a | n.y.a |
| Jun. | 44 | n.y.a | n.y.a | n.y.a | n.y.a |
| Jul. | 204 | n.y.a | n.y.a | n.y.a | n.y.a |
| Aug. | 233 | 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. | 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. | n.y.a | n.y.a | 69 | 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<br>Malaysia Smelting Corporation Bhd<br>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 | 2021 | 2021 | 2021 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct |
| **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 | 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 | 5 | 5 | 5 | 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 | 200 | 200 | 200 | 200 |
| **AFRICA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Burundi | 51 | 123 | 126 | 143 | 121 | - | - | - | - | 26 | - | 10 | 10 | 10 | 10 | 10 | 0 | 12 | 10 | 11 | 13 | 13 | 13 | 13 | 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 | 1,200 | 1,200 | 1,200 | 1,200 |
| Egypt | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Namibia | - | - | - | 9 | 242 | - | - | - | - | - | - | - | - | - | - | - | - | 42 | 42 | 38 | 38 | 39 | 42 | 42 | 42 | 42 | 42 |
| 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 | 500 | 500 | 550 | 550 |
| 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 | 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 | 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 | 6,500 | 9,000 | 9,000 | 9,200 |
| 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 | 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 | 95 | 95 | 150 | 150 |
| 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 | 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 | 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 | 2,850 | 2,900 | 2,500 | 3,300 |
| Thailand | 124 | 705 | 720 | 720 | 720 | 60 | 60 | 60 | 60 | 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 | 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 | 1,400 | 1,400 | 1,500 | 1,500 |
| 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 | 1,407 | 1,408 | 1,408 | 1,500 |
| 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 | 2,354 | 2,329 | 2,281 | 1,976 |
| 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 | 500 | 500 | 823 | 900 |
| 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 | 23,160 | 25,686 | 25,766 | 26,630 |

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 | 2021 | 2021 | 2021 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **EUROPE** | | | | | | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct |
| 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 | 266 | 350 | 385 | 300 |
| 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 | 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 | 20 | 20 | 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 | 48 | 63 | 28 | 28 |
| Denmark | 3 | 17 | 7 | 1 | 10 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 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 | 8 | 8 | 16 | 10 |
| 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 | 412 | 230 | 353 | 359 |
| 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 | 1,271 | 1,364 | 1,509 | 1,509 |
| Greece | 632 | 600 | 646 | 634 | 637 | 51 | 50 | 53 | 61 | 51 | 58 | 58 | 52 | 52 | 52 | 51 | 51 | 50 | 58 | 51 | 52 | 52 | 52 | 65 | 51 | 52 | 50 |
| 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 | 120 | 100 | 100 | 100 |
| Ireland | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 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 | 388 | 350 | 350 | 350 |
| 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 | 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 | 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 | 62 | 101 | 100 | 100 |
| Portugal | 554 | 856 | 891 | 831 | 463 | 44 | 57 | 109 | 56 | 127 | 100 | 100 | 29 | 10 | 10 | 90 | 90 | 88 | 57 | 87 | 42 | 29 | 56 | 7 | 45 | 20 | 20 |
| Romania | 336 | 516 | 866 | 551 | 442 | 25 | 25 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 30 | 50 | 65 | 50 | 63 | 60 | 47 | 60 | 52 | 60 | 40 | 40 |
| 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 | 406 | 400 | 214 | 200 |
| Slovakia | 465 | 645 | 767 | 593 | 614 | 48 | 45 | 69 | 93 | 23 | 25 | 93 | 45 | 46 | 45 | 36 | 65 | 23 | 25 | 40 | 80 | 24 | 88 | 91 | 42 | 64 | 60 |
| 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 | 136 | 100 | 200 | 200 |
| 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 | 315 | 300 | 647 | 300 |
| Switzerland | 47 | 69 | 45 | 60 | 44 | 6 | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 10 | 10 | 7 | 5 | 1 | 4 | 4 | 4 | 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 | 3 | 7 | 10 | 10 |
| 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 | 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 | 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 | 20 | 20 | 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 | 0 | 0 | 12 | 12 |
| 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 | 20 | 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 | 60 | 10 | 49 | 20 |
| 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 | 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 | 9,746 | 16,493 | 11,604 | 14,602 |
| 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 | 130 | 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 | 652 | 700 | 981 | 1,059 |
| 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 | 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 | 100 | 100 | 100 | 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 | 2,219 | 2,296 | 2,497 | 2,476 |
| Kazakhstan | 490 | 431 | 405 | 350 | 287 | 20 | 2 | 52 | 52 | 50 | 18 | 18 | 54 | 52 | 55 | 0 | 0 | 0 | 0 | 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 | 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 | 23 | 21 | 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 | 120 | 58 | 74 | 70 |
| 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 | 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 | 1,187 | 984 | 1,153 | 1,599 |
| Syria | 120 | 120 | 120 | 0 | 0 | 0 | 0 | 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 | 1,444 | 144 | 64 | 60 |
| 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 | 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 | 537 | 261 | 311 | 154 |
| 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 | 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 | 380 | 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 | 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 | 39 | 104 | 51 | 54 |
| Bolivia | 480 | 480 | 480 | 480 | 480 | 40 | 40 | 40 | 40 | 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 | 298 | 137 | 331 | 257 |
| 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 | 341 | 155 | 226 | 598 |
| Chile | 111 | 82 | 95 | 111 | 133 | 15 | 5 | 0 | 3 | 20 | 10 | 16 | 11 | 17 | 19 | 1 | 16 | 5 | 5 | 14 | 14 | 17 | 22 | 22 | 13 | 6 | 1 |
| Colombia | 300 | 280 | 271 | 248 | 237 | 30 | 30 | 6 | 7 | 0 | 23 | 20 | 30 | 15 | 10 | 29 | 20 | 16 | 15 | 13 | 20 | 0 | 10 | 9 | 9 | 12 | 12 |
| 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 | 320 | 300 | 406 | 400 |
| Peru | 216 | 216 | 216 | 216 | 198 | 18 | 18 | 18 | 0 | 18 | 18 | 18 | 18 | 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 | 2,262 | 1,985 | 3,000 | 2,437 |
| Venezuela | 59 | 19 | 16 | 12 | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 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 | 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 | 9 | 28 | 60 | 0 |
| 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 | 2 | 5 | 8 | 14 |
| **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 | 25,312 | 29,608 | 27,328 | 29,856 |

Source : World Bureau of Metal Statistics