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Logistics main scrap mart hurdle: Schnitzer

By Amy Hinton - Thursday 06 January

While consolidation efforts have led Schnitzer to record its highest-ever fiscal first-quarter earnings, the specter of logistical difficulties will cast a far longer shadow over growth prospects than demand fundamentals, the company said in a earnings call on Thursday January 6.

The company reported a net income of $47 million in the fiscal first quarter 2022, up by 6.82% from $44 million in the fiscal fourth quarter 2021 and more than triple the $15 million income reported in the corresponding period 2021.

And now the Portland, Oregon-based steelmaker wants to continue to capitalize by increasing its ferrous sales volumes by more than 20% to 5.3 million tons per year by the end of 2023. This would feed the slated 14 million tons of new electric-arc furnace steelmaking capacity due online by 2024. The company's ferrous sales volumes totaled 4.4 million in 2021.

But logistics, primarily non-trade procurement, labor and transportation will be the main impediments to this growth, chief executive officer Tamara Lundgren noted.

According to Lundgren, however, demand itself was not an issue and significantly softer prices are not on the horizon despite a reduction in domestic steel prices and an anticipated drop in scrap prices going into 2022.

"The domestic market is pricing this week so I am not going to comment [on prices] but Turkey's East Coast buying patterns remain consistent. Turkish steel production was up almost 20% in 2021 to record highs and West Coast demand remains broad based. We normally see a bit of softening at this time of year due to the ripple effects of Chinese New Year, but inquiries are coming earlier due to buyers concerns for supply-chain impacts," Lundgren said.

"Increased year-on-year demand, strong business fundamentals and challenges in logistics are not a question of demand," she added.

Rising freight rates were also cited as an obstacle but surging energy costs, which have been hampering scrap demand from the US' largest consumer Turkey, were dismissed as a relatively small proportion of the cost of production at the company's mills and not significant enough to spark concern.

To this end, delayed shipments of contracted material in November contributed to a sequential downturn in the company's net profit per ferrous ton during the fiscal first quarter of 2022. In addition, a drop in domestic finished steel prices contributed to a marginal decrease in average ferrous selling prices over the quarter.

Ferrous sales volumes totaled 1.15 million tons in the fiscal first quarter of 2022, down by 0.86% sequentially from 1.16 million tons, but up by 9.52% from 1.05 million tons in the corresponding period of 2021.

Schnitzer earned $68 per ferrous ton in the fiscal first quarter 2022, down by 1.46% from $69 per ferrous ton in the prior quarter, but up by 78.95% from $38 per ferrous ton in the fiscal first quarter of 2021.

The company has faced its fair share of logistical hurdles, including two serious fires over the course of 2021.

But these were effectively offset by two months of additional ferrous volume intake from the newly-acquired Columbus Recycling, following the deal's closure on October 1. The restart of the company's Cascade rolling mill in McMinnville, Oregon, in August after a mill fire outage also assisted in bolstering the company's year-on-year ferrous and nonferrous sales volumes. The facility achieved 91% production capacity in November, netting an average of 78% capacity during the quarter.

Damage from a December 8 fire at the company's Everett, Massachusetts, recycling yard was limited to the shredder, Lundgren confirmed during an earnings call. The fire had no material impact on its fiscal first-quarter results given the timing of the incident

Based on the current repair schedule, the shredder is expect to resume operations within the first three months of 2022, with insurance expected to cover the majority of costs incurred. But the company is delaying forward-looking guidance to the end of February.

The company posted earnings before interest, taxes, depreciation, and amortization (Ebitda) of $78 million over the period, constituting 2.50% decline from $80 million in the fiscal fourth quarter of 2021, but a 95% increase from the $40 million recorded for the same quarter of 2021.

Average net ferrous sales prices totaled $446 per ton during the quarter, down by 0.67% from $449 per ton, but up by 65.80% year on year from $236 per ton, according to the company's earnings report.

Domestic ferrous selling prices totaled $431 per ton for the three-month period ended November 30, 2021, down by 4.86% sequentially from $453 per ton but up by 78.51% from $242 per ton in the fiscal first quarter 2021. Foreign ferrous selling prices rose by 0.90% to $450 per ton from $446 per ton and by 63.04% from $276 per ton in the same comparison.

Of the 1.15 million tons in ferrous sales that the company accumulated in the first quarter, 62.54% (718,000 tons) were exported, while 37.45% (430,000 tons) were sold into the domestic market. The majority of material exported went to Turkey, Vietnam and South Korea.

High prices, tons lead Schnitzer to record Q1

By Abby Verret - Thursday 06 January

Schnitzer Steel Industries recorded its best fiscal first quarter on record despite the impact of more Covid-induced supply chain delays, thanks in part to increases in both finished steel sales tons and prices, top company executives said.

SCHNITZER STEEL INDUSTRIES (in thousands except per share)	2022	2021
Fiscal 1st qtr ended November 30		
Net sales	$798,118	$492,107
Net income	46,199	14,104
Per share	1.55	0.50

Finished steel sales volumes rose by nearly 53% sequentially, while average selling prices rose by about 58% year on year and were the highest ever for a fiscal first quarter, executive vice president, chief financial officer and chief strategy officer Richard Peach said during the company's quarterly earnings call on Thursday January 6.

Finished steel sales volumes totaled 99,000 tons during the quarter ended

November 30, 2021, up from 65,000 tons in the preceding three months. But volumes were down by 26.12% year on year from 134,000 tons, likely due to lingering effects of a fire at Schnitzer's Cascade Steel Rolling Mill last May.

A robust West Coast market for finished steel products also contributed to the quarterly gains, according to chairperson and chief executive officer Tamara Lundgren.

Cascade has continued to ramp up production following the fire, Lundgren said. The mill reached 91% utilization in November and had a quarterly average utilization of 78%, nearly three times the 28% utilization rate reported for the previous quarter.

These numbers also reflect success for the goal Peach named in the fiscal fourth-quarter 2021 earnings call, when he said the company expected to be approaching an 80% utilization rate in the fiscal first quarter.

Fastmarkets' price assessment for steel reinforcing bar (rebar), fob mill US remained at a 13-year high of $51.50 per hundredweight ($1,030 per short ton) on Wednesday, unchanged since December 1.

Ferrous scrap in limbo on weak fundamentals

By Lisa Gordon - Thursday 06 January

The United States domestic ferrous scrap market remains in suspense with Detroit still not ready to offer its monthly clues on where the market is headed.

Hopes that the monthly trade could settle by week's end were dashed after a Detroit mill agent told suppliers on Thursday January 6 that he may not enter until Friday January 7 or Monday January 10.

In contrast, all US monthly scrap markets were closed and official on December 6.

A few sales of No1 heavy melt and turnings have been sold in the south and the Midwest at down $40 per ton and down $50 per ton from December levels. Some consumers indicated they would like to enter the market and get this trade moving. But they said they are afraid to leapfrog and enter the market at down $50 per ton in case Detroit enters at a steeper discount.

It was no secret that the first trade of the year would be a challenging month for scrap sellers.

Compounding the problem is a rampant use of "to be determined" (TBD) deals, where sellers ship daily while they wait for the market to settle. The use of TBD's prevents mills from running out of scrap and works to remove urgency from the trade. Mills have no need to enter and price material when the scrap keeps rolling in.

One southern seller defended the use of TBD's. "I have 20 trucks. If I don't ship TBD every day, I would have 20 guys sitting around waiting to haul in or out. And if I waited until the prices settled, it would be too late for me to ship it all out in time because I only have 20 trucks," the southern seller.

A Midwest seller said he loves TBD deals especially on months like this. "We are lucky we are able to ship TBD. Otherwise, we would be in a world of hurt with no sales," the Midwest seller said.

A second Midwest seller said the relaxing of Section 232 requirements has made mills vulnerable because they no longer have the same government protection. Section 232 is now a quota system for the EU, which negated the 25% tariff they had been subject to years.

"The mills are playing hardball and this change in Section 232 changes the playing field. The steel prices are headed down and the only way for mills to limit losses is to cut scrap prices," the second Midwest seller said.

Busby Metals latest in Wieland buying spree [corrected]

By Orla O'Sullivan, Yasemin Esmen - Thursday 06 January

Germany-based Wieland acquired a United States company on the final day of 2021.

Wieland announced on Wednesday January 5 that it acquired the New York-based Busby Metals on December 31, a transaction which will enable Wieland to expand "its global aerospace product portfolio and service network," according to the company.

Busby Metals produces high-performance copper alloys for the aerospace and oil and gas industries.

Busby's requirements-based product portfolio has made them a global leader in the aerospace specialty alloys business, Wieland's chief executive officer Dr Erwin Mayr said. "Combined with the Wieland Group's extensive global presence, technical expertise and manufacturing and service capabilities, our customers will further benefit from tailored solutions and best-in-class service, worldwide."

"Current customers and business partners of Busby Metals can trust Wieland to continue to meet their unique requirements for high-quality copper-based alloy products and other value-added services," according to the statement by Wieland.

The purchase follows other 2021 moves by Wieland to expand its portfolio. Wieland acquired the Connecticut-based distributor of copper alloys and products, Miller Co, in July and announced in May it would be building a copper and copper-alloy facility in Kentucky.

Wieland bought other US copper companies in the past two years, including hot-dip tin coater Marjan Inc, metal slitting company Nasco, alloy maker Global Brass and Copper Holdings, Inc, and Wrisco Industries Inc, a producer of aluminum products, in 2020. It entered the US tinplate market with the acquisition of Nasco in August 2020.

Later that month Wieland also acquired E Jordan Brookes, a copper alloy and industrial plastics maker in Santa Fe Springs, California.

Wieland Metal Services in Parsippany, New Jersey makes copper, brass and aluminium alloys, along with stainless steel in strip, sheet, coil and foil.

Wieland Rolled Products North America, Inc, based in Louisville, Kentucky, fabricates, processes, and distributes copper and brass products.
Wieland Metal Services (formerly Olin Brass) is a processor and distributor of copper and copper alloy sheet, strip, and foil, aluminum sheet, and coated aluminum products.

Both are subsidiaries of Weiland Group, an Ulm, Germany, firm with 2020 annual revenue reported at approximately €3.9 billion ($4.4 billion) and almost 100 locations in Asia, Europe and the US.

Wieland's acquisition of fellow German copper recycler Aurubis was prohibited by the European Commission in 2019, citing "serious concerns the merger would reduce competition and increase prices for rolled copper products used by European manufacturers."

Separately, Aurubis announced in November that it would build a multi-metal recycling plant in the US state of Georgia.

Wieland did not respond to requests for comment on the recent acquisitions by the time of publication.

Correction: An earlier version of this story stated the purchase of Wrisco Industries Inc as occurring in 2021; the purchase occurred in 2020.

US sets AD, CV duties on HRC from 7 nations

By Robert England - Thursday 06 January

The United States Department of Commerce set anti-dumping duty rates Thursday January 6 on hot-rolled flat steel products from Australia, Brazil, Japan, South Korea, The Netherlands, Turkey and the United Kingdom following the final results of the agency's expedited 120-day sunset review of existing duties.

Also on January 6, Commerce renewed existing countervailing duty rates on hot-rolled flat steel products from Brazil following a similar expedited sunset review.

Anti-dumping cases
The sunset reviews in the anti-dumping cases found that revocation of existing orders imposing duties would be likely to lead to continuation or recurrence of dumping at the following weighted-average margins by nation:

- Australia, 29.58%
- Brazil, 34.28%
- Japan, 11.70%
- South Korea, 11.10%
- The Netherlands, 3.73%
- Turkey, 24.32%
- United Kingdom, 33.06%

The weighted average margins set January 6 are unchanged for Australia, The Netherlands, and the United Kingdom, but higher for the other four nations.

The new 24.32% margin for Turkey is substantially higher than the 4.15-6.77% range of rates established in the original duty order on October 3, 2016.

The new 11.70% margin for Japan is higher than the range of 4.99-7.51% set in 2016.

The 11.10% margin for South Korea higher than the range of 4.61-9.49% set in 2016.

The 34.28% margin for Brazil was slightly higher than the midpoint of range of 33.14-34.28% set in 2016.

Countervailing duty rate case
The sunset review in the countervailing duty cases in Brazil found that revocation of the existing order imposing duties would be likely to lead to a continuation or recurrence of countervailable subsidies at the following net rates, which are unchanged from the original duty order of October 3, 2016:

- Companhia Siderurgica Nacional (CNS), 11.30%
- Usinas Siderurgicas de Minas Gerais S.A. (Usiminas), 11.09%
- All Others, 11.20%

Sunset review process
Commerce initiated a sunset review of both anti-dumping cases for seven nations and the countervailing case for Brazil on September 1, 2021.

For the anti-dumping cases, US steelmakers California Steel Industries, Cleveland-Cliffs Inc, Steel Dynamics, Inc, Nucor Corp, SSAB Enterprises, and US Steel Corp filed as domestic producer interested parties.

For the Brazilian countervailing case, Cleveland-Cliffs Inc, Nucor Corp, Steel Dynamics Inc, and US Steel Corp filed as interested parties.

In both the anti-dumping cases and the countervailing case, Commerce notified the US International Trade Commission October 20, 2021, that it would conduct an expedited 120-day sunset review after the agency did not receive an adequate substantive response from respondent parties in the exporting nations.

New Ga facility to recycle battery materials

By Yasemin Esmen - Thursday 06 January

Massachusetts-based lithium-ion battery recycling and engineered materials company Battery Resourcers announced on Wednesday January 5 that it plans to open a recycling facility in Covington, Georgia.

The 154,000-square-foot facility is expected to be operational in August 2022 and have the capacity to process 30,000 tonnes of discarded lithium-ion batteries and scrap per year.

"As demand for electric vehicles (EVs) increases, industry analysts and the federal government agree the United States needs to build a sustainable battery recycling infrastructure. The opening of this facility will help meet that demand," the company said in a statement.

The site is strategically located near several EV manufacturing hubs and lithium-ion gigafactories, according to Battery Resourcers.

"With this convenient US location and our next-generation technology, we are providing a sustainable solution to help minimize the need for mining while returning valuable, battery-grade materials back into the lithium-ion supply chain," Michael O'Kronley, chief executive officer and director of Battery Resourcers, said.

The facility will be recycling battery-grade lithium, cobalt and nickel.

Lithium prices have been on a steady rise since the beginning of the year both in the US and in Europe, with lithium carbonate 99.5% Li2CO3 min, battery grade, spot price ddp Europe and US at $32-34 per kilogram on December 30, 2021.

Although it was unchanged from the week before, the spot price for lithium had increased by 312.5% from $7.50-8.50 per kilogram on January 7, 2021.

Cobalt, too, has gained in 2021, with cobalt standard grade, in whs Rotterdam at $33.75-34.25 per lb on Tuesday January 4, up by 117.95% from $15.3-15.9 per lb on January 1, 2021.

Cobalt can make up to 20% of the weight of the cathode in lithium-ion batteries, according to the US Department of Energy.

The premium for nickel briquettes also inclined sharply in 2021 due to shortage of availability of the metal and transportation delays. Fastmarkets assessed nickel briquette premium, delivered Midwest US at 65-90 cents per lb on January 4.

This was a whopping 675% increase from 8-12 cents per lb a year ago on January 5, 2021.

The opening of the Covington facility marks the first phase of Battery Resourcers' strategic expansion, according to the company, which plans to open an additional facility for precursor and cathode-active material production in 2023 using hydro-to-cathode technology.

China rare earth producer merger stresses country's dominant position of critical material supply

By Davide Ghilotti - Thursday 06 January

The latest merger of rare earth producers in China shows that balance of power in this critical material sector is nowhere near where western governments would like it to be.

The merger announced late last year between some of China's largest producers of rare earths consolidates even further an industry where the Asia origin remains firmly in the driving seat, leaving western corporations and states on a backfoot.

China Minmetals Rare Earth Co announced in the run-up to Christmas it received government approval to pursue a merger with Chinalco Rare Earth and Metals Co and Ganzhou Rare Earth Group, two fellow domestic producers, forming a new rare earth giant player.

Under the new name of China Rare Earth Group, the new company would control an estimated 70% of China's rare earth output. This in a country which, alone, accounts for some 90% of global supply of refined rare earth products.

The new entity will be state-controlled, as are its current standalone components.

Although rare earths are a loose group of 17 metals, resources are particularly coveted for their presence of neodymium and praseodymium (NdPr), terbium and dysprosium, which are used in rare earth magnets for electric motors. They are essential components employed in some of the fastest-growing sectors of the energy transition, electric vehicles and wind power turbines. As such, they have high strategic and geopolitical significance for governments and economies globally.

The merger highlights that the Beijing government is acutely aware of the potential of its rare earth golden goose, and is moving carefully to maintain a tight grip on the sector in line with the country's political strategy at home and abroad.

The current picture of ever fewer, state-directed large operations could not be more different than the maze of unregulated, often sketchy and sometimes illegal companies the country had only a decade ago.

Internationally, rare earths are still infamous in the investment community for the spectacular boom and bust the sector went through during the last commodity supercycle.

Supply panic triggered by China's export restrictions in 2009-10 led to prices rising up to five- or six-fold, prompting users to source alternatives until, eventually, the market collapsed, bringing down most of its active and developing players with it.

It was ugly, and for a decade it scared off investors, who would not go anywhere near another rare earth project.

But rare earth magnets are now (and likely will be) in high demand, and ex-China players can be counted on one hand. This is cause for headaches for rest of world companies and authorities.

Both Europe and the United States have been seeking to reduce the dependence on China by supporting existing rest of world (ROW) players and back new projects.

The leading ROW operator, Australia's Lynas, which runs a refining plant in Malaysia and exports rare earth oxide, has agreements with the US government to bring light and heavy rare earth capacity to the US.

Refining capacity is the crux of the matter here. Rare earth deposits are not particularly scarce and mining rare-earth rich ore bodies is straightforward: a number of mines have sprung up of late in locations on various continents. But facilities for processing the concentrates, separating and refining into oxide and metal production remain heavily concentrated in China.

The only US-based miner, MP Materials, sends much of its rare earth concentrates to China for processing and refining. The company is aiming to set up its own processing capacity (stage II planned for 2022) and move further downstream into magnet production. In September, it inked a cooperation deal with US automaker General Motors "to supply US-sourced and manufactured rare earth materials, alloy and finished magnets" for use in some of the automakers' models. First volumes are not expected before 2023.

The US government is also looking to support domestic magnet production in the form of tax rebates, although the bill has only been introduced to the House of Representative and has yet to move forward.

Europe is even further behind, with no domestic mining and a handful of processing facilities at various early stages of development.

The European Commission has recently called for more funding in the sector to support rare earth refining and recycling capacity to be set up in the European Union as well as in resource-rich countries (read: not China).

But while those various initiatives are slowly moving forward, China ploughs away with its own consolidation of the sector and solidifies its role of dominant supplier – a position that is not currently under threat by competitors elsewhere.

China sets carbon peak goals for state-owned companies

By Yiwen Ju - Thursday 06 January

China's state assets regulator has outlined goals for major state-owned companies to lower their energy consumption and carbon dioxide emissions to help the country to achieve its goal of having carbon emissions peak by 2030.

By 2025, enterprises controlled by the central government must slash their energy consumption and carbon dioxide emissions per 10,000 yuan ($1,570) of output value by 15% and 18% respectively in comparison with 2020 levels, according to guidelines issued by the State-Owned Assets Supervision and Administration Commission of the State Council on December 30.

Companies in industries that consume more energy - including steel, non-ferrous metals, building materials and coal power generation - will play a key role in helping the country achieve carbon neutrality, the commission said.

The set of guidelines is one of the most recent official instructions to be issued in relation to the metal industries for carbon reduction since September 2020, when Chinese President Xi Jinping set 2030 as the target for China's carbon emissions to peak and 2060 for the country to achieve carbon neutrality.

A five-year plan published in December that focuses on China's industrial development also spelled out measures to curb emissions. For instance, the aluminum sector is to slash emissions by 5% by 2025.

Other documents that have been released include stricter limits on heavy metal pollution, a ban on new capacity for energy-intensive industries, and energy consumption caps for steel and iron making.

The measures to reduce China's carbon footprint is seen by many as a long-term issue that will weigh on the market, though some are downplaying it. The latter are of the opinion that the issue is a long-term one, especially since

the Chinese government is still looking to stabilize its supply of thermal coal for power generation.

"The [emission] cuts are very government-led, which will definitely have some effect on certain metals, especially ferrous ones," an alumina producer source in northern China said.

"Certainly, this kind of environmental policy will become stricter in the future as the deadline approaches, but I doubt that the companies will be able to fully implement the cuts. I think overall the government will still provide them with some relief," a Chinese alumina trader said.

"If alumina producers [in northern China] had really slashed their production, the alumina market probably will not be that weak now," the trader added.

Meanwhile, the latest guidelines issued by the state assets regulator also specify that the share of state-owned companies' power generators that run on renewable energy should be more than half by 2025, and that their revenue from strategic emerging industries cannot be lower than 30%.

By 2030, these companies' carbon emissions per 10,000 yuan of output value must be lower more than 65%, according to the guidelines.

Daye Nonferrous' Tonglvshan copper mine resumes production

By Sally Zhang - Thursday 06 January

The Tonglvshan copper-iron mine, operated by China Daye Nonferrous Metals Mining, resumed production on January 1 after an almost 200-day closure, the company said on its official Wechat account on Wednesday January 5.

The mine was closed for flood mitigation and to perform safety rectifications, the company said.

The mine, located in Hubei province's Daye city, produced 3,931 tonnes of copper concentrate and 105,359 tonnes of iron ore concentrate in the first six months of 2021, the company said in its interim financial report for the period, which was published in September 2021.

The Hubei-based company also has another three mines in the province, namely Tongshankou mine, Fengshan mine and Chimashan mine, and the Sarake copper mine in Xinjiang Uygur autonomous region.

These mines, excluding Chimashan mine, produced some 13,500 tonnes of mined copper in the first half of 2021, up by 39.6% year on year, the report said. The Chimashan mine did not produce any output during the period.

Daye Nonferrous, one of China's largest copper smelters, also plans to put its new 400,000-tonnes-per-year smelter in Hubei into production in mid-2022. It which was originally scheduled for commissioning by the end of 2021.

China imported 2.19 million tonnes of copper concentrate in November, up by 21.7% from October and 19.5% higher year on year. Its January-November imports totaled 21.37 million tonnes, up by 7.5% year on year, according to Chinese customs data.

It is one of the world's largest copper consumers and producers.

Fastmarkets' benchmark copper concentrates TC/RC index was calculated at $57.70 per tonne/5.77 cents per lb in the week to Friday December 31, up from $55.90 per tonne/5.59 cents per lb a week earlier.

Base metals

Cu refiners' scrap discounts fall on new activity

By Kirstyn Petras - Thursday 06 January

The spreads in refiners' copper scrap discounts in the United States decreased on Wednesday January 5, with sources citing strong demand domestically, as well as in Europe and Asia.

Fastmarkets' copper scrap No1 copper, discount, buying price, delivered to refiners, was assessed at 10-16 cents per lb on January 5, down from 16-20 cents per lb on December 29.

The copper scrap No2 copper, discount, buying price, delivered to refiners, also declined, and was assessed at 45-50 cents per lb on January 5, down from 49-52 cents per lb on December 29.

Sources cited several factors as possible causes for these changes, including strong demand and issues related to the Covid-19 pandemic.

"It seems like everyone is being hit with Covid[-related] staffing issues," one source said on Wednesday.

It was still unclear "what the effect... is of Covid," a second source said, adding that it was "definitely a factor in what's going on" and that the "supply chain [is] still having issues."

The second source added that Comex pricing was not believed to be a contributing factor.

The most-active March Comex copper contract settled at $4.4135 per lb on Wednesday, up slightly from $4.41 per lb a week earlier.

One seller said that discounts could improve if the flow of product started to reduce.

For brass ingot makers' scrap discounts on Wednesday, the copper scrap No1 bare bright, discount, buying price, delivered to brass ingot makers, fell to 7-9 cents per lb on Wednesday from 9-12 cents per lb on December 29.

But Fastmarkets' assessments of the copper scrap, No1 copper, discount, buying price, delivered to brass ingot makers, and copper scrap No2 copper, discount, buying price, delivered to brass ingot makers, were both steady week on week at 20-23 cents per lb and 50-54 cents per lb respectively.

Fastmarkets' copper scrap No1 copper, discount, buying price, delivered to brass mill US, was 9-12 cents per lb on January 5, also unchanged week on week.

For brass ingot makers' scrap prices, copper scrap No1 comp solids, buying price, delivered to brass ingot makers, rose to $3.35-3.38 on January 5 from $3.32-3.35 per lb on December 29.

Other brass prices were steady week on week, however, with the copper scrap yellow brass solids, buying price, delivered to brass ingot makers, flat at $2.75-2.80 per lb, and the copper scrap comp borings, turnings, buying price, delivered to brass ingot makers, similarly steady at $3.20-3.23 per lb.

COPPER AND BRASS SCRAP		
Brass mill scrap discounts*	01/05/2022	12/29/2021
No1 copper	9 to 12	9 to 12
Refiners' copper scrap discounts*	01/05/2022	12/29/2021
No1 copper	10 to 16	16 to 20
No2 copper	45 to 50	49 to 52
Brass ingot makers' scrap discounts*	01/05/2022	12/29/2021
No1 bare bright	7 to 9	9 to 12
No1	20 to 23	20 to 23
No2	50 to 54	50 to 54
Light copper	55 to 58	55 to 58
Brass ingot makers' scrap prices (in cents per lb)	01/05/2022	12/29/2021
No1 comp solids	335 to 338	332 to 335
Comp borings, turnings	320 to 323	320 to 323
Radiators	255 to 258	255 to 258
Yellow brass solids	275 to 280	275 to 280
*Discounts, in cents, based on the most actively traded Comex copper contract.		Source: Fastmarkets

Brazilian alumina exports up 22% in December, 11% in full-year 2021

By Renato Rostás - Thursday 06 January

Brazil exported more alumina in December despite lower shipments from the northeastern Maranhão state, while full-year 2021 volumes also increased due to similar dynamics, according to data published by the economy ministry on Thursday January 6.

The country's alumina exports were 1.02 million tonnes in December, rising by 21.99% from 835,650 tonnes a year before. During the whole year, shipments totaled 9.16 million tonnes, up by 11.08% from 8.25 million tonnes in 2020.

In December, exports from the Belém port, in the northern Pará state, reached 665,562 tonnes, growing by 59.06% from 418,446 tonnes in December 2021. The São Luís port in Maranhão shipped 350,246 tonnes, down by 15.48% from 414,378 tonnes in the same comparison.

Full-year exports from Belém hit 5.48 million tonnes in 2021, a 26.89% increase from 4.32 million tonnes the previous year. Shipments from São Luís were 3.63 million tonnes, dropping by 7.23% from 3.91 million tonnes in 2020.

The Alunorte refinery, owned by Norsk Hydro, operates in the Pará state, while Alumar, controlled by Alcoa, South32, Rio Tinto and Alumina Ltd, is in Maranhão.

Alcoa said on September 21 last year it would restart production of the 60% it owns of the Alumar aluminium smelter, fed with alumina from the nearby Alumar refinery, from the second quarter of 2022. South32 added on Thursday it would also resume operations of its 40% share of the smelter.

The data from the economy ministry also showed export revenues were $389.3 million in December, a significant 71.29% year-on-year increase from $227.3 million. The average price was $381.90 per tonne on a fob basis, up by 40.41% in the same comparison from $271.98 per tonne.

Fastmarkets calculated its alumina index, fob Australia at $342.86 per tonne on Thursday, down by 0.60% from $344.93 per tonne the previous day.

It averaged $356.24 per tonne in December, a 20.40% jump from $295.89 per tonne a year before.

Fastmarkets' calculation of its alumina index inferred, fob Brazil was at $355.67 per tonne on Thursday, falling by 0.58% from $357.74 per tonne on January 5.

The December average of the inferred index was $372.30 per tonne, 26.98% higher than $293.20 per tonne a year before.

On Thursday, the ministry also said bauxite exports amounted to 349,513 tonnes in December, down by 6.40% from 373,413 tonnes in the corresponding period of 2020. Full-year 2021 volumes were 5.28 million tonnes, a 16.72% growth rate from 4.53 million tonnes in 2020.

LME base metal futures mixed, aluminium steady while copper falls 1.5%

By Callum Perry - Thursday 06 January

Base metal futures on the London Metal Exchange were mixed at the 5pm close on January 6 following a choppy day of trading after indications from the US Federal Reserve that they could raise interest rates sooner than expected.

"The reason behind the stepped-up volatility over the past 24 hours is attributable to Wednesday's release of the [Federal Reserve] December minutes which came across as somewhat more hawkish than what was portrayed in the statement or during Fed Chair's news conference," ED&F Man Capital's head of research Edward Meir said in a note.

The three-month copper price was the worst affected metal in the complex, falling by 1.7% to $9,531 per tonne, from $9,698 per tonne at the previous 5pm close.

"[Copper] continues to be weighed down by macro sentiment from both China and the US," Marex LME desk analyst Alastair Munro said.

"[The US Federal Reserve's] official reiterated the likelihood of earlier rate rise on the back of strong economic growth causing cost-push inflation; as to China, concerns around the heavily indebted property sector have been reignited, while market participants wait for more easing to be announced from policy makers," he added.

The red metal's cash-to-three-month spread eased, widening to a $11.75-per-tonne backwardation, down from a $20-per-tonne backwardation on January 5.

"This points to less pressure from short-covering, which is not a surprise considering that risk-aversion among copper traders has gone up," Fastmarkets analyst Boris Mikanikrezai said.

Elsewhere, the three-month nickel price also felt the selling pressure and continued its recent decline, falling a further 1.2% to $20,383 per tonne, from $20,638 per tonne at the previous 5pm close.

After closing at its highest levels since October 2021 on January 4, the stainless-steel material has fallen by 3.6% from $21,137 to its current levels.

The third worst performer on the day was the three-month zinc price, which fell by 1% to $3,550 per tonne, from $3,588 per tonne.

The three-month aluminium price held steady despite the impact to other base metals. The lightweight metal closed at $2,921.50, a fall of just 50 cents from $2,922 at the previous 5pm close, with high energy prices continuing to support prices.

"[Aluminium was] the outperformer of the bunch as we continue to see dip-buying action in the market along with systematic buying; market tightness driven by high energy cost is still the main focus," Munro said.

The three-month lead price was the only price to buck the downward trend,

rising by 0.8% to $2,307 per tonne, from $2,287 per tonne at the previous close.

Kazakhstan protests disrupt logistics facility, base metals export in limbo

By Julian Luk - Thursday 06 January

The unrest over surging fuel costs in Kazakhstan have led to disruption of transport systems, with the suspension of a major logistics facility making it difficult to export base metals products from the Central Asian country, sources told Fastmarkets on Thursday January 6.

"We have struggled to reach our colleagues in Kazakhstan. Their internet connections are extremely unstable, Almaty airport is not functioning right now and some base metals products could not leave the country," a source said.

A regular importer of Kazakhstan zinc products was told on Thursday that the rail network for transporting mined zinc and lead has been affected, with customs posts at major borders - including Khorgas and Alashankou at China's Xinjiang Uyghur Autonomous Region - "not working."

Civil unrest over soaring liquefied petroleum gas (LPG) prices started last weekend in the capital city Almaty and has since escalated across the country.

Kazakhstan declared "state of emergency" on Wednesday January 5.

"A few miners have joined the protests, but the impact on output should not be significant," the first source said.

Home to Glencore's Kazzinc, projects run by Kaz Minerals, Russian Copper Company (RCC) and Central Asia Metals, Kazakhstan has a sizeable base metals sector. It produced 720,000 tonnes of copper in 2020, according to International Copper Study Group data.

For the first 10 months of 2021, it produced 270,000 tonnes of zinc and 97,000 tonnes of lead, according to the International Lead & Zinc Study Group.

"The Kazzinc mining operation is still running [normally] at the moment, with no impact on output," a source said on Thursday, citing uncertainty over logistics arrangements and difficulties in reaching local operations

Fastmarkets' copper concentrates TC index, cif Asia Pacific, was calculated at $57.7 per tonne/5.77 cents per lb last Friday. Zinc spot concentrate TC, cif China, $/per tonne, was assessed at $78-100 per tonne at the end of December 2021.

Alcoa's Keener to join Barrick as North America COO

By Andrea Hotter - Thursday 06 January

Former Alcoa executive Christine Keener will become the chief operating officer of gold and copper miner Barrick's North American region from February this year, the company has said.

Keener was formerly Alcoa's vice president for Europe and North America, a role she assumed in May 2020.

She had been with the aluminium producer for 21 years in operating, finance and commercial roles, including vice president of commercial for the aluminium business.

Barrick has gold and copper mining operations and projects in 13 countries in both North and South America, and in Africa, Papua New Guinea and Saudi Arabia.

In 2018, Barrick and Randgold Resources announced an all-share merger, with Randgold chief executive Mark Bristow becoming the chief executive officer of the new entity.

Former BHP exec Danny Malchuk joins Appian Capital Advisory

By Andrea Hotter - Thursday 06 January

Former BHP executive Danny Malchuk has joined Appian Capital Advisory LLP as a senior advisor, based in Santiago, Chile, the company said.

He will provide Appian - an investment advisory company to long-term private equity funds that invest solely in mining and mining related companies - with guidance during the sourcing, due diligence and execution process, focused on the Americas.

Malchuk was most recently the president of operations for BHP's minerals Americas unit, leading the mining company's operations in the region.

He had previously held other roles within BHP including president of copper, president of aluminium, manganese and nickel, president of minerals exploration and vice president of strategy and development.

In October 2021, Appian sold its Brazilian-based portfolio companies Atlantic Nickel and Mineração Vale Verde to Sibanye-Stillwater for $1 billion and an additional 5.0% net smelter return royalty on production from the Santa Rita underground expansion.

Appian has said that the next phase of growth in its portfolio will have a major focus on the metals driving the critical global energy transition, namely commodities used in batteries, electric vehicles and renewable power systems, including copper and nickel.

Indonesian state power supplier seeking 6.1 mln tonnes of coal for January

By Min Li - Thursday 06 January

Indonesia's state-owned power company, Persero-Perusahaan Listrik Negara (PLN), still needs 6.1 million tonnes of coal this month to feed its steam-electric power station, it has told APBI-ICMA, a non-government coal industry association.

The information was published on APBI-ICMA's website this week.

PLN president Darmawan Prasodjo said that the company had secured a supply contract for 13.9 million tonnes of coal by January 5, but it needed a total of 20 million tonnes to ensure that there were sufficient coal inventories for it to meet its requirement for a minimum of 20 operating days in January 2022.

Prior to this, the East Kalimantan provincial government had announced that 25 mining companies in the province were being allowed to export coal in January because those companies had fulfilled their domestic market obligations.

Indonesia is the world's largest exporter of thermal coal, but on January 1 it announced a ban on exports of coal amid a tightness in domestic power supplies. The next day, however, it said that companies which had fulfilled their domestic obligations for January could export surplus material.

Peru's base metals output down in November 2020, ministry says

By Renato Rostás - Thursday 06 January

Peruvian base metals production was mostly down year-on-year in November 2021, with tin output rising slightly, according to the latest data from the country's mining and energy ministry, Minem

The Minem data, released on Wednesday January 5, shows that Peru produced 112,333 tonnes of zinc in November, a decline of 18.43% compared with November 2020 when it produced 137,716 tonnes. But for almost half of the month, operations at the Antamina mine - owned by BHP, Glencore, Teck and Mitsubishi - were halted as a result of a blockade by community protesters.

In the first 10 months of 2021, however, zinc production in Peru was 1.41 million tonnes, which was a 19.24% increase on the 1.18 million tonnes produced over the same period in 2020.

Zinc spot treatment charges (TC) in China reached a 14-month high in December, with smelters favoring domestic material.

Fastmarkets assessed the zinc spot concentrate TC, cif China, at $78-100 per tonne on December 31, up by $5-8 from $70-95 per tonne on December 10 and $8-10 higher than $70-90 per tonne on November 26 - its highest level since October 30, 2020.

Despite the shutdown, Minem said Antamina was still the largest zinc producer in the country, producing more than a third (34.7%) of the country's total November output.

The ministry said that Peruvian copper output reached 195,115 tonnes in November, a 5.55% decline from November 2020's 206,588 tonnes. It had totaled 2.09 million tonnes in January-November, up by 8.34% from 1.93 million tonnes on an annual comparison.

Fastmarkets' copper concentrate TC index, cif Asia Pacific, was calculated at $57.70 per tonne on December 31, up from $55.90 per tonne a week earlier and from $57.40 per tonne on December 3.

Additionally, Minem data shows that lead production dipped to 22,756 tonnes in November, down 4.96% from 23,944 tonnes in the same month of 2020. Tin output, meanwhile was 2,170 tonnes, a 3.48% year-on-year increase from 2,097 tonnes in the same month in 2020.

South32 to restart Alumar aluminium smelter in Brazil

By Alice Mason - Thursday 06 January

South32 will restart the Alumar aluminium smelter in Brazil, together with its joint venture partner Alcoa, it announced on Wednesday January 5.

First production is expected in the June 2022 quarter, with full capacity from the smelter's three potlines to be achieved in March 2023.

The smelter, located in Brazil's northeastern Maranhão state, has a capacity of 447,000 tonnes per year of aluminium.

Alcoa owns 60% of its shares, while South32 holds a 40% stake.

South32's 40% share of Brazil Aluminium will be powered by 100% cost-efficient renewable power, it said.

"We are excited to participate in the restart of the Alumar smelter using 100% renewable power. With the smelter benefitting from existing infrastructure, access to our own supply of alumina and long-term green energy sources, we expect our investment to deliver strong returns through the cycle," Graham Kerr, South32 chief executive officer said.

The producer said that its energy requirements are secured under long-term contracts and that the alumina supply will be sourced from the co-located Brazil Alumina refinery (36% South32 share).

Brazil Aluminium has been on care and maintenance since 2015.

In September, Alcoa announced it would begin to restart production at its Brazilian smelter, Alumar.

The restart comes as aluminium prices are rising due to steep energy costs. The three-month aluminium price hit a high of $2,923.50 per tonne during morning trading on January 6. By comparison, it opened trading at just $2,622.50 on December 6.

Concerns about supply have also been pushing up aluminium premiums. Fastmarkets benchmark aluminium P1020A premium, in-whs dp Rotterdam was assessed at $410-440 per tonne on January 4, compared with just $280-300 per tonne at the beginning of December.

"We see strong long-term market fundamentals for aluminium," Kerr said. "By investing along our existing alumina-aluminium value chain with the smelter's restart and the expected increase to our shareholding in Mozal Aluminium, we are further integrating our business and meaningfully increasing our share of metal produced utilizing green energy."

"With this decision we continue to make substantial progress in reshaping our portfolio, increasing our exposure to the base metals required for the critical transition to a low-carbon future," he added.

The aluminium supply chain also continues to increase its focus on sustainability.

Fastmarkets assessed its aluminium low-carbon differential P1020A, Europe at $0-10 per tonne on December 3, but it will be re-assessed on January 7.

Glencore completes sale of Ernest Henry Mining to Evolution Mining

By Sally Zhang - Thursday 06 January

Glencore has confirmed that it has closed the sale of its 100% interest in Ernest Henry Mining Pty Ltd to Evolution Mining Ltd.

Announcing the sale on Thursday January 6, Glencore said it will receive a total of A$1 billion ($724 million) for the company, comprising A$800 million on the closing of the transaction, with a further A$200 million payable in 12 months' time.

Ernest Henry Mining owns the EHM copper-gold copper mine in Queensland, Australia.

Evolution will assume full ownership and operational control of the copper-gold mine, while Glencore has an offtake agreement for 100% of the copper concentrate produced at EHM.

Fastmarkets' benchmark copper concentrates TC/RC index, cif Asia Pacific, was calculated at $57.7 per tonne/5.77 cents per lb in the week to Friday December 31, 2021, up from $55.9 per tonne/5.59 cents per lb a week earlier.

China's domestic ADC 12 price rises, MJP market remains quiet

By Jinfan Yang - Thursday 06 January

Key data from Fastmarkets' pricing sessions in China on Wednesday January 5.

ALUMINUM INGOT ADC 12 SPOT (MJP) (in $ per tonne, cfr Japan)			
New price	Previous price	Change to midpoint of range	Midpoint % change
2,400-2,450	2,400-2,450	0	0
ALUMINUM INGOT ADC 12 SPOT (in yuan per tonne, exw dp China)			
New price	Previous price	Change to midpoint of range	Midpoint % change
20,000-20,500	19,900-20,300	▲150	▲0.75

Source: Fastmarkets

Key drivers

- China's domestic ADC 12 market boosted after sellers raise their offers given higher aluminium scrap prices and limited spot availability.
- Production restrictions in northern China ahead of the Beijing Winter Olympics (February 4-20) have led to tighter supply of aluminium scrap and pushed up feedstock costs for ADC 12 producers.
- Producers raised offers or even held back from making offers, expecting further price increases after Lunar New Year holidays (January 31-February 6).
- There is usually a seasonal demand pick-up after the new year holidays, according to market participants.
- The uptrend of aluminium prices on the Shanghai Futures Exchange since last week, also underpinned the domestic aluminium alloy ADC 12 market.
- The January aluminium contract on the SHFE closed at 20,375 yuan ($3,205) per tonne on Wednesday, up by 2% from 19,895 yuan per tonne a week earlier.
- The main Japanese port (MJP) market for ADC 12 has remained quiet since late December due to lackluster demand during the festive holiday season.

Key quotes

"Persistent supply tightness of aluminium scrap has underpinned ADC 12 prices. I prefer to hold back on my volumes till after the new year holidays, because the replenishing demand could push up spot prices even higher," - China-based producer

"We raised our offers by 300 yuan per tonne this week because of higher scrap prices and rising SHFE prices," - China-based trader

"Most of the Japanese customers are still on holiday hence there wasn't any discussions this week yet," - Japanese trader

Base metals prices mixed but generally weak; US Fed minutes show hawkish stance

By William Adams - Thursday 06 January

Base metals prices on the LME were down across the board on the morning of Thursday January 6, while those on the SHFE were mixed, with traders concerned about the more hawkish stance of the US Federal Reserve and the growing impact of the Omicron variant of Covid-19.

- US Federal Open Market Committee (FOMC) minutes reveal more hawkish tone than expected.
- Tighter monetary policy and economic fallout from Omicron variant bode ill for risk-on sentiment.

Base metals

Three-month prices on the London Metal Exchange were down across the board by an average of 0.7%, led by a 1.7% fall in nickel to $20,345 per tonne. The rest were down by between 0.3% - for aluminium, lead and tin - and 0.9% for copper at $9,600 per tonne. Zinc was down by 0.7%. See the table below for more details.

For the most part, prices remain either in high ground or mid ground, with aluminium the one still heading higher.

The most-traded February base metals contracts on the Shanghai Futures Exchange were mixed, with lead, nickel and copper down by between 1% (lead) and 2% (nickel), with copper down by 1% at 69,570 yuan ($10,943) per tonne. The others were up by between 0.1% for tin, 0.3% for zinc and 2.3% for aluminium – so quite a polarized market.

Precious metals

The precious metals were down across the board. This reflects the general risk-off sentiment as well as the higher US treasury yields and stronger dollar. The metals were down by between 0.4% and 0.7%, with spot gold off by 0.7% at $1,802.73 per oz.

Wider markets

The yield on United States 10-year treasuries has climbed further and was recently at 1.72%, up from 1.65% at a similar time on Wednesday. The market is concerned that the higher yields point to an early interest-rate rise, possibly as early as March, and that could create headwinds for high-leveraged companies and for overseas holders of US debt.

Asia-Pacific equities were mainly weaker this morning: the Nikkei (-2.88%), the Kospi (-1.13%), the CSI 300 (-1.02%) and the ASX 200 (-2.74%), while the Hang Seng (+0.19%) bucked the trend.

Currencies

The US Dollar Index at 96.37 was on the rise again on the back of the hawkish Fed minutes. Resistance levels are now seen lying between 96.70 and 96.94, with support around 95.50.

The other major currencies were mainly weaker this morning: the euro (1.1285), the Australian dollar (0.7158) and sterling (1.3505), but the Japanese yen (115.92) was firmer, suggesting some haven buying.

Key data

Economic data already out Thursday showed China's Caixin services purchasing managers index (PMI) climbing to 53.1 in December, from 52.1 in November and German factory orders climbing 3.7% in November, from -5.8% in October.

Later there is data on services PMI in the United Kingdom, EU and US, consumer price index (CPI) in Germany and more US data on Challenger job cuts, initial jobless claims, trade balance, factory orders and natural gas storage.

Thursday's key themes and views

The metals may be weaker this morning given that they reflect the turn down in broader sentiment, but overall they look robust and are either consolidating or trending higher. Although they could be susceptible to a broad market sell-off, on their own they are looking robust and more bullish than bearish.

Also, should Omicron start to weigh on economic data, the Fed could well turn less hawkish between now and March, which seems to be the earliest that the Fed may raise interest rates.

Gold prices picked up into the year-end, and some investors positioned themselves for the holiday period in case geopolitical tensions escalated. The geopolitical issues remain present, and if broader markets are looking toppy, then interest in gold may rise. But for now, the stronger dollar, firmer yields and general risk-off sentiment seem to be a headwind for the metals.

MARKET SNAPSHOT 07:27 (GMT)

London Metal Exchange	Price		Change	
Copper ($/tonne)	9,600	▼	92	0.9%
Aluminium ($/tonne)	2,902.5	▼	10	0.3%
Nickel ($/tonne)	20,345	▼	350	1.7%
Zinc ($/tonne)	3,545.5	▼	26	0.7%
Lead ($/tonne)	2,280.5	▼	7	0.3%
Tin ($/tonne)	39,180	▼	135	0.3%
	Average base metals	▼	-0.7%	
Shanghai Futures Exchange	**Price**		**Change**	
Copper - Feb (yuan/tonne)	69,570	▼	680	1.0%
Aluminium - Feb (yuan/tonne)	20,745	▲	460	2.3%
Nickel - Feb (yuan/tonne)	150,420	▼	3,040	2.0%
Zinc - Feb (yuan/tonne)	24,455	▲	80	0.3%
Lead - Feb (yuan/tonne)	15,110	▼	160	1.0%
Tin - Feb (yuan/tonne)	295,380	▲	250	0.1%
	Average base metals	▼	0.2%	
Rebar - May (yuan/tonne)	4,495.00	▲	73.00	1.7%
Dalian Commodity Exchange	**Price**		**Change**	
Iron ore - May (yuan/tonne)	717	▲	28.5	4.1%

PRECIOUS METALS

Spot	Price		Change	
Gold ($/oz)	1,802.73	▼	7.3	0.4%
Silver ($/oz)	22.60	▼	0.16	0.7%
Platinum ($/oz)	977.10	▼	6.9	0.7%
Palladium ($/oz)	1,861.10	▼	7.9	0.4%
	Average precious metals	▼	-0.6%	
Shanghai Futures Exchange	**Price**		**Change**	
Gold - Feb (yuan/gram)	370.72	▼	2.04	0.5%
Silver - Jun (yuan/kg)	4,699.00	▼	93.00	1.9%
	Average precious metals	▼	1.2%	

Source: Fastmarkets

ECONOMIC CALENDAR

GMT	Country	Data	Actual	Expected	Previous
1:45am	China	Caixin services PMI	53.1	51.9	52.1
7:00am	Germany	Factory orders m/m	▲3.7%	▲2.1%	▼5.8%
All Day	Germany	Prelim CPI m/m		▲0.4%	▼0.2%
9:30am	UK	Final services PMI		53.2	53.2
10:00am	EU	PPI m/m		▲1.1%	▲5.4%
12:30pm	US	Challenger job cuts y/y			▼77.0%
1:30pm	US	Unemployment claims		199K	198K
1:30pm	US	Trade balance		-80.5B	-67.1B
3:00pm	US	ISM services PMI		67	69.1
3:00pm	US	Factory orders m/m		▲1.5%	▲1.0%
3:30pm	US	Natural gas storage		-55B	-136B

Source: Fastmarkets

China's domestic stainless steel prices maintain upward trend

By Jessica Zong - Thursday 06 January

China's domestic stainless steel prices continued to rise in the week to Wednesday January 5, with sellers coming under less destocking pressure amid expected output cuts.

Domestic

Stainless steel cold-rolled coil 2mm grade 304 domestic (Wuxi): 17,400-17,500 ($2,732-2,748) per tonne, up by 300-400 yuan per tonne from a week earlier

The supply of nickel pig iron (NPI) - a major raw material for stainless steel production – is set to fall ahead of the February 4-20 Winter Olympic Games amid measures to lower emissions.

As such, market participants expect stainless steel production to also decrease as well.

"This will make the already low inventory of stainless steel even lower in the spot market," a trader in eastern China said.

He added that several grades of stainless steel had been in tight supply for a week.

Traders raised prices to slow down transactions while waiting for mills to step up their deliveries.

"But trucking rates typically decrease gradually ahead of the Chinese New Year because some drivers start their holiday earlier. Stainless steel prices will continue to get support," a second trader in Wuxi said.

Export

Stainless steel cold-rolled coil 2mm grade 304 export: $2,840-2,920 per tonne fob China, up by $20-70 per tonne

Stainless hot-rolled coil grade 304 export: $2,850-2,900 per tonne fob China, up by $30-60 per tonne

China's stainless steel exporters raised their offers amid the gains in the domestic market.

Offers for stainless CRC were at $2,840-2,920 per tonne fob. Market participants were expecting buyers with urgent need of material to pay these

amounts.

"Foreign buyers will gradually return to the market after the [Christmas and New Year] holiday season," an exporter source in eastern China said.

Stainless HRC was offered at $2,850-2,900 per tonne fob China over the past week.

Due to a tight supply of stainless HRC, prices for some grades of the product are higher than those for certain stainless CRC.

For instance, domestic prices for stainless HRC (untrimmed edge) in China were at 17,300 yuan per tonne in the past week, while the edge-trimmed product was being traded at 17,500 yuan per tonne.

This results in an overlap between offers for stainless CRC with the higher end of those for stainless HRC.

"Chinese mills sell their HRC to the domestic market rather than the foreign market due to the good demand and profit," a second exporter source in eastern China said.

Import

Stainless steel cold-rolled coil 2mm grade 304 import: $2,900-2,980 per tonne cif East Asia, up by $80-100 per tonne

Stainless steel hot-rolled coil grade 304 import: $2,630-2,660 per tonne cif East Asia, up by $30-50 per tonne

Chinese stainless CRC was offered at $2,900-2,980 per tonne cif East Asia in the past week while Indonesian stainless CRC was offered as low as $2,930 per tonne cif.

"Stainless CRC business has been hard to do in East Asia since last year due to the anti-dumping measures in major markets such as South Korea," an exporter source in Southeast Asia said.

China does not impose import duties on stainless CRC, but import prices are much higher than domestic prices.

For Chinese buyers, the purchase cost of Indonesian stainless CRC will be around $3,311 per tonne including 13% of value-added tax, some $563-579 per tonne higher than domestic prices of about $2,732-2,748 per tonne.

But Indonesian HRC remained attractive to East Asian buyers, with their offers being at $2,630-2,660 per tonne cif.

"It's workable for Chinese buyers if they import the product to bonded areas for rerolling and reexporting because the import prices are lower than domestic prices," an importer in eastern China said.

Minor metals

Trade log: Cobalt alloy grade, in-whs Rotterdam, $/lb

By pricing@fastmarkets.com - Thursday 06 January

The Cobalt alloy grade, in-whs Rotterdam, $/lb trade log including business, bids and offers reported to Fastmarkets.

Fastmarkets publishes trades logs for its key price assessments and indices to bring more transparency into the markets it covers and the pricing process it applies.

Fastmarkets assessed Cobalt alloy grade, in-whs Rotterdam, $/lb at 33.75-34.25 on Thursday January 06, 2022.

- Offer at $34.00 for standard tonnage
- Offer at $34.20 for standard tonnage
- Prices indicated at $33.75-34.25
- Prices indicated at $33.90-34.25
- Prices indicated at $33.90-34.50
- Prices indicated at $34.00-34.50
- Prices indicated at $34.00-34.50

Any data submitted under a Data Submitter Agreement (DSA) will not be published.

To see all Fastmarkets' pricing methodology and specification documents, go to https://www.fastmarkets.com/about-us/methodology.

Fastmarkets uses its expert judgment to exclude outlying or unrepresentative numbers, and discount or discard prices that it believes may otherwise be questionable and/or unreliable.

Trade log: Cobalt standard grade, in-whs Rotterdam, $/lb

By pricing@fastmarkets.com - Thursday 06 January

The Cobalt standard grade, in-whs Rotterdam, $/lb trade log including business, bids and offers reported to Fastmarkets.

Fastmarkets publishes trades logs for its key price assessments and indices to bring more transparency into the markets it covers and the pricing process it applies.

Fastmarkets assessed Cobalt standard grade, in-whs Rotterdam, $/lb at 33.75-34.25 on Thursday January 06, 2022.

- Sale at $33.90 for small tonnage
- Offer at $33.50 for large tonnage (discarded due to unreliable netback to Fastmarkets' specification)
- Offer at $33.50 for large tonnage
- Offer at $34.00 for small tonnage
- Offer at $34.00 for small tonnage
- Offer at $34.20 for standard tonnage
- Deal heard at $34.50 for standard tonnage
- Prices indicated at $33.75-34.25
- Prices indicated at $33.90-34.25
- Prices indicated at $33.90-34.50
- Prices indicated at $34.00-34.50
- Prices indicated at $34.00-34.50

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Tight supply buoys China's cobalt metal price

By Zihao Li - Thursday 06 January

China's cobalt metal price continued to rise on Wednesday January 5, underpinned by tight supply of spot units despite a flat international benchmark cobalt metal price during the holiday season. Consumers' year-end restocking provided additional support.

Fastmarkets' assessment of cobalt 99.8% Co min, ex-works China rose to 500,000-506,000 yuan ($78,645-79,589) per tonne on Wednesday, up by 6,000-10,000 yuan per tonne from Friday December 31.

Chinese consumers continued topping up their inventories of cobalt metal in preparation for their production during the Chinese New Year festival (January 31 to February 6), which has improved the previously tepid cobalt metal demand, giving support to China's cobalt metal price.

But amid improved demand, the spot availability of cobalt metal became extremely tight, market participants told Fastmarkets.

"There are only around 300 to 500 tonnes of cobalt metal on the spot market available for trade in China," a cobalt trader said.

"Current monthly demand for cobalt metal in China is around 500 to 600 tonnes, and now the available units on the spot market can only last for around one month," a second cobalt trader said.

"Cobalt metal stock on China's Wuxi Stainless Steel Platform shrank to 95 tonnes recently," a third cobalt trader said.

This compares to a stock of 259.75 tonnes on January 7, 2019, and 448 tonnes on January 6, 2020 on the Wuxi Stainless Steel Platform, according to its website.

The supply of cobalt metal to the spot market has been tight since the start of 2021, after several major producers channeled more of their feedstock toward producing cobalt salts, which have better margins.

In November, another major cobalt producer halted its production of cobalt metal and has not recovered cobalt metal so far, Fastmarkets learned.

Ores and alloys

Fastmarkets AMM: Ferro-alloys January 6

By Chris Kavanagh - Thursday 06 January

The latest ferro-alloys prices from Fastmarkets price reporters.

Chinese export APT price steady, domestic tungsten market strengthens

By Ruby Liu - Thursday 06 January

Key data from Fastmarkets' pricing session in China on Wednesday January 5.

TUNGSTEN CONCENTRATE 65% WO3 (in yuan per tonne, in-whs China)			
New price	Previous price	Change to midpoint of range	Midpoint % change
113,000-114,000	111,000-113,000	▲ 1,500	▲ 1.30%

TUNGSTEN APT 88.5% WO3 MIN (in $ per mtu WO3, fob main ports China)			
New price	Previous price	Change to midpoint of range	Midpoint % change
315-320	315-320	0	0

FERRO-TUNGSTEN EXPORT, MIN 75% (in $ per kg W, fob China)			
New price	Previous price	Change to midpoint of range	Midpoint % change
38.50-40.50	38.50-40.50	0	0

Source: Fastmarkets

Key drivers

- China's export price for ammonium paratungstate (APT) remained steady amid a strengthened domestic tungsten market.

- The export market was inactive. Some exporters received overseas inquiries and issued offers at the high end of the assessed range.
- Spot APT prices in China's domestic market were around 171,000-173,000 yuan ($26,897-$27,211) per tonne in the week to Wednesday, up by 1,000 yuan per tonne from a week earlier, according to market sources.
- Domestic prices for tungsten concentrate in China continued to rise amid a tight market.
- China's export price for ferro-tungsten was steady, underpinned by higher concentrate prices. Some deals were concluded on the high end of the assessed range, sources said.

• The Ganzhou Tungsten Association (GTA) announced a price forecast of 171,000 yuan per tonne for APT in January, which is 8,000 yuan per tonne higher than its estimate for December last year.
• Jiangxi Tungsten issued an offer price of 112,500 yuan per tonne for tungsten concentrate 65% WO3 for the first half of January, which is 2,500 yuan per tonne higher than its price for the second half of December.

Key quotes
"APT cargo holders are reluctant to sell in expectation of higher prices after the [January 31-February 6] Chinese New Year holiday." - a China- based trader.

"I received some overseas inquiries for APT recently, and the buyers wanted the material to be shipped in January. I told them to make a quick decision within the week, otherwise there will not be enough time for me to arrange shipment because logistics will slow down gradually from the middle of the month [ahead of the Chinese New Year]." - a second trader in China.

Steel

HRC index up in US, bearishness remains

By Thorsten Schier - Thursday 06 January

Hot-rolled coil prices in the United States rose slightly on Thursday January 6, but overall bearish sentiment remains.

Fastmarkets' daily steel hot-rolled coil index, fob mill US was calculated at $76.42 per hundredweight ($1,528.40 per short ton), up by 0.78% from $75.83 per cwt on Wednesday but down by 1.61% from $77.67 per cwt a week ago.

Fresh inputs were collected in the distributor sub-index in a range of $74.75-76.00 per cwt, representing mill offers and general assessments of current spot market pricing. Inputs were carried over in the producer and consumer sub-indices due to a lack of liquidity.

Heard in the market
Despite the slight rise in the index day on day, sources generally continue to expect prices to head lower on the back of competitive imports, now said to be in the high $50-per-cwt range, and mill order books that are looking unusually lean for January. The spot market continues to be quiet as buyers hold off waiting on lower prices or looking to reduce still relatively high inventories.

Quote of the day
"Mills are unusually concerned about January order books," one Midwest distributor said.

Wang sworn in as top US trade remedy enforcer

By Robert England - Thursday 06 January

Lisa Wang was officially sworn in as the assistant secretary of commerce for enforcement and compliance within the United States' International Trade Administration on Thursday January 6, taking office as the top trade remedy enforcer within the agency.

The enforcement and compliance division has primary responsibility for enforcing the laws relating to US anti-dumping and countervailing duties, and is responsible for holding US trading partners accountable for their obligations under existing trade agreements.

The office also administers the US Foreign Trade Zones program.

"Lisa's extensive knowledge in international trade policy and litigation experience representing US industry will ensure that US trade laws are being rigorously enforced," Secretary of Commerce Gina Raimondo said in an agency press release, "and that we are countering unfair trade practices in international markets."

Wang pledged to defend US business from unfair foreign trade practices.

"I will make sure we [act] with strong and effective trade enforcement that asserts America's role in global trade," she said. "When trade is fair, no one can beat the American worker."

The daughter of Chinese immigrants, Wang began her career at a private law firm and later served as the senior import administration officer for the Department of Commerce at the US Embassy in China. She has also served as an assistant general counsel for the Office of the US Trade Representative.

Wang received her Bachelor of Science degree from Cornell University and a Juris Doctor qualification from the Georgetown University Law Center.

Ukraine freezes ArcelorMittal Kryvyi Rih local accounts, alleges tax underpayment

By Vlada Novokreshchenova - Thursday 06 January

ArcelorMittal Kryvyi Rih, Ukraine's major steelmaker and with a focus on long steel production, has reported that all of its local non-cash bank accounts were frozen on Tuesday January 4 in a joint decision by the Prosecutor General's Office of Ukraine and the Shevchenkivsky district court in Kyiv.

Representatives of the prosecutor's office (OPG) ordered Ukrainian banks to halt all transactions on these accounts, based on a court ruling from November 30, 2021.

"This action is related to the way the company calculates tax payments for the use of subsoil for mining," ArcelorMittal said. "It is a matter which has been going on for some time and has previously been dealt with through the appropriate legal channels."

On November 4, 2021, the, the administrative district court upheld ArcelorMittal Kryvyi Rih's position by dismissing the civil case against the company brought by the State Tax Administration.

The court ruled that ArcelorMittal Kryvyi Rih had paid all the appropriate taxes in full and in line with Ukrainian state tax legislation, the company said.

The company did not respond at the time of publication to Fastmarkets' request for information about the effect that blocking these accounts might have on the company's purchasing and sales activities. But Fastmarkets has heard that the company was doing all it could to ensure that its operations were unaffected.

Meanwhile, other market participants refrained from comment, waiting for more clarity to emerge.

Background of the issue
OPG explained the reasons for its actions in a note published on an official social media page on January 5, saying that non-cash funds in separate accounts held by AMKR provided the basis for a criminal investigation.

According to this investigation, no deductions had been made from the arrested bank accounts to pay taxes, fees or other mandatory payments, nor for salary payments.

The OPG said that the financial director and chief accountant of ArcelorMittal Kryvyi Rih had been informed about suspicions of official fraud and deliberate tax evasion on an especially large scale.

According to the investigation, one person was suspected of deliberately giving false information in a declaration of rent for the use of subsoil for the extraction of mineral deposits of iron ores, thereby avoiding rent payments of more than 2.24 billion Ukrainian hryvnia ($81 million), the OPG report said.

"All procedural actions take place exclusively within the framework of the current legislation and within the framework of criminal proceedings," the report said.

Because of their concerns, the OPG and the Security Service of Ukraine (SBU) opened a criminal case against one of the senior executives of ArcelorMittal Kryvyi Rih on November 17 last year.

AMKR, however, described the suspicions as "baseless and a clear example of political pressure on a major foreign investor."

"Criminal charges have been brought against an individual, not the company," AMKR said. "There is no current tax-related civil proceeding against ArcelorMittal Kryvyi Rih and therefore no legal grounds to freeze the company's accounts."

People on the move

By Dom Yanchunas - Thursday 06 January

A round up of personnel changes in the metal world.

Leeco Steel — The Lisle, Illinois-based plate distributor promoted **Eric LaPorte** to sales manager - service center effective Monday January 3. LaPorte was previously a sales representative, account manager and most recently senior account manager. He joined Leeco in 2011.

European HRC market remains flat during winter holidays

By Julia Bolotova - Thursday 06 January

Hot-rolled coil prices in Europe were unchanged on Thursday January 6 given the inactivity due to the winter holidays, and sentiment for the first quarter remained dull, sources told Fastmarkets.

Both buyers and sellers continued to hold back from the market on Thursday, so no fresh offers were heard.

Market participants said they expect trading activity to resume next week, when the holidays are over.

No "booming" demand was expected in the HRC market in the near term, however, mainly due to sustained weakness in the automotive industry, competitive imports, and relatively high buyer stocks.

Fastmarkets calculated its daily steel hot-rolled coil index, domestic, exw Northern Europe at €902.50 ($1,020.64) per tonne on Thursday, unchanged from Wednesday.

The index was also down by €0.83 per tonne week on week and by €17.50 per tonne month on month.

The calculation was based on achievable prices indicated by market participants at €900-910 per tonne ex-works.

Fastmarkets calculated its corresponding daily steel HRC index, domestic, exw Italy at €815.00 per tonne on January 6, stable day on day.

The Italian index was down by €2.50 per tonne week on week and by €50 per tonne month on month.

The calculation was based on achievable prices heard at €800-830 per tonne ex-works.

January 6 is a public holiday in Italy, so no market activity was reported.

Turkish bookings in deep-sea steel scrap markets continue, prices recover

By Cem Turken - Thursday 06 January

The Turkish deep-sea scrap import prices recovered back with the news of fresh United States cargo deal heard on Thursday January 6.

A steel mill in the Iskenderun region booked a US cargo comprising 26,000 tonnes of HMS 1&2 (85:15) at $472 per tonne and 4,000 tonnes of P&S at $487 per tonne cfr late on January 5.

There was a European deal also heard on January 5, comprising 23,000 tonnes of HMS 1&2 (80:20) at $446 per tonne, 5,000 tonnes of HMS 1 at $460 per tonne and 7,000 tonnes of bonus at $466 per tonne cfr.

The fresh US transaction prompted a recovery in the daily scrap indices on Thursday January 6.

Fastmarkets' calculation of its daily index for steel scrap, HMS 1&2 (80:20 mix), North Europe origin, cfr Turkey was $454.76 per tonne on Thursday, up by $7.28 per tonne day on day.

The corresponding calculation of the daily index for steel scrap, HMS 1&2 (80:20 mix), US origin, cfr Turkey was $463.05 per tonne on January 6, also up by $7.28 per tonne day on day, leaving the premium for US-origin material over European scrap at $8.29 per tonne.

"The finished steel sales are still limited in Turkey. Therefore, the steelmakers in the country are playing it safe in the deep-sea scrap markets. The collection costs are increasing in the US due to cold weather, which pushes up the prices," a Turkish trading source said.

"Besides, EU [safeguarding] quota for Turkish rebar is immediately filled and there will not be any orders from the EU before February. It seems the market is getting stuck and not giving good signals," he added.

"The holiday periods are over. I think the scrap market will show some revival soon, which may accelerate the things on the finished steel side," the chief executive officer of a major steelmaker.

In addition, increasing energy and employment costs in the country are pushing up the cost of steelmaking, sources said.

Electricity prices in Turkey have increased by around 127% and natural gas prices have increased by 50% for industrial use, with effect from January 1.

The country also raised its minimum wage by 50.4%, again with effect from January 1.

Bangladesh continues container scrap deals amid supply fears, construction boost

By Paul Lim, Lee Allen - Thursday 06 January

Bookings of containerized steel scrap cargoes to Bangladesh continued over the past week, with buyers brought into the market by concerns over supply and higher construction activity, sources said on Thursday January 6.

- Bangladesh books HMS and shredded scrap in containers
- Bulk activity remains limited in Asia
- Taiwan interest in import scrap revives

Bangladesh containerized
Sales for HMS 1&2 (80:20) in containers were concluded at $515 per tonne cfr Bangladesh for material from Brazil and at $520-525 per tonne cfr from the UK during the week, sources told Fastmarkets.

HMS 1&2 (90:10) from Brazil was also transacted at $525 per tonne cfr over the week.

Shredded scrap in containers was heard sold at $550-560 per tonne cfr Bangladesh over the reported week, with offers from the UK heard at $560-565 per tonne cfr.

Light melting scrap (LMS) bundles sold at $475 per tonne cfr during the week.

Fastmarkets' price assessment for steel scrap, shredded, containerized, import, cfr Bangladesh was $550-560 per tonne cfr on January 6, up by $5-10 per tonne week on week from $545-550 per tonne cfr one week before.

"This week, containerized business to Bangladesh has been going excellently," a major scrap exporter said. "Bangladesh is really active now compared with other markets."

"Mills are stocking up and expecting prices to go up more, because if the situation with the Omicron variant of Covid-19 worsens, that will affect scrap supply," he said, adding that there are concerns that any subsequent lockdowns in Bangladesh due to the Omicron variant would hamper scrap availability, like previous lockdowns did last year.

"Construction activity is getting better in Bangladesh. Mills need scrap and are able to pay higher prices than other markets," a Singapore-based trading source said on Thursday.

Bangladesh deep sea
Despite the continued containerized activity, there was limited interest heard for deep-sea cargoes during the week, given that the larger mills are set to receive substantial volumes by next month from bookings made in November.

Seller sources said that nothing lower than $520-525 per tonne cfr Bangladesh would be acceptable for deep sea HMS 1&2 (80:20), which was unchanged week on week. There were no new firm bids heard from buyers.

An offer for a 40,000-tonne full shredded cargo of European-origin material was heard at $550 per tonne cfr Bangladesh this week, but there was no interest from buyers at that price.

There were unverified reports of a deep-sea cargo of US West Coast-origin scrap sold for approximately $530 per tonne cfr Bangladesh in the previous week, but no such deal could be confirmed at the time of publication.

Fastmarkets' price assessment for bulk cargoes of steel scrap, HMS 1&2 (80:20), deep-sea origin, import, cfr Bangladesh was $520-525 per tonne on Thursday, unchanged week on week.

Taiwan
Key market participants did not report any new transactions but maintained their estimates of spot prices at $430-432 per tonne cfr Taiwan on Thursday.

"It is still entirely possible to negotiate at $430-432 per tonne cfr Taiwan for imported cargoes now," a Taiwanese trader told Fastmarkets on Thursday.

Offers were heard at $435-440 per tonne cfr Taiwan.

There has been a resurgence of interest in imported cargoes from buyers, some sources said.

"There have been more inquiries now by market participants, especially on the back of higher iron ore and finished-product prices in China," a trader in Taiwan told Fastmarkets on January 6.

Other key market participants said prices may be at the bottom now and that spot activity and prices may increase from next week onward.

Bids for bulk Japanese H1&H2 (50:50) cargoes were at $465 per tonne cfr Taiwan, an increase of $5 per tonne day on day.

"Prices are moving up day by day," a Japanese trader told Fastmarkets.

Fastmarkets' daily price assessment for containerized steel scrap, heavy melting scrap 1&2 (80:20 mix), US material import, cfr main port Taiwan was $430-432 per tonne on Thursday, unchanged from a day earlier.

Turkish billet prices up on costlier inputs

By Cem Turken - Thursday 06 January

Domestic and export billet prices in Turkey have risen over the past week amid increasing input costs, sources said on Thursday January 6.

Electricity prices in Turkey have increased by around 127% and natural gas prices have increased by 50% for industrial use, with effect from January 1.

The country also raised its minimum wage by 50.4%, again with effect from January 1.

Due to higher input costs, Turkish mills have increased their domestic billet offers to $655-660 per tonne ex-works from last week's $640-650 per tonne.

Long steelmaker Kardemir, in the Karabük region, opened its sales book for domestic billet on Thursday January 6.

The company offered S235JR-grade material of 150x150mm dimension at $655 per tonne ex-works, while the B240-grade of same size billet was offered at $660 per tonne.

Kardemir sold 70,000 tonnes of billet during the day, sources said.

Fastmarkets' weekly price assessment for steel billet, domestic, exw Turkey was $655-660 per tonne on Thursday January 6, up from $640-650 per tonne last week.

Turkish steelmakers have also increased their export billet offers amid higher input costs.

Fastmarkets' weekly price assessment for steel billet, export, fob main port Turkey was $655-660 per tonne on January 6, up from $640-650 per tonne a week earlier.

In the meantime, suppliers in the Commonwealth of Independent States were mostly quiet and did not offer material to Turkey because they were mostly

booked, sources said.

Fastmarkets' weekly price assessment for steel billet import, cfr main port Turkey was unchanged week on week at $625-635 per tonne on Thursday January 6.

Turkish domestic long steel prices rise on decline in value of lira

By Cem Turken - Thursday 06 January

Domestic rebar and wire rod prices in Turkey pushed up over the past week on the back of a decline in the value of the Turkish lira, market participants told Fastmarkets on Thursday January 6.

The Turkish currency was trading at around 13.4691 lira to $1 on January 6, compared with 10.1026 lira to $1 on December 30, according to Oanda.com.

Prices for finished long steel have risen on the back of the lira's depreciation because mills in Turkey pay for imported raw materials in dollars, before selling long steel to the domestic market in the local currency.

In response to the weaker lira, steel mills increased their domestic rebar offers.

Mills in the Istanbul region were offering rebar at 11,000-11,200 lira (817-832) per tonne ex-works, including 18% VAT.

And steel mills in the Izmir and Karabük regions were offering rebar at 10,900-11,100 lira per tonne, while in the Iskenderun region steelmakers were offering the same material at 10,850-11,100 lira per tonne ex-works.

Fastmarkets' weekly price assessment for steel reinforcing bar (rebar), domestic, exw Turkey, was 10,850-11,000 lira ($806-817) per tonne on January 6, up from 10,100-10,400 lira per tonne of last week.

Domestic wire rod prices also increased in response to the weakening lira.

Fastmarkets' weekly price assessment for steel wire rod (mesh quality), domestic, exw Turkey, was 12,500-13,000 lira per tonne on January 6, up from the 12,000-12,500 lira per tonne of last week, including 18% VAT.

Egyptian steel billet, rebar markets slow on post-holiday lull

By Serife Durmus - Thursday 06 January

The markets for steel billet and rebar have been slow in Egypt during the week ending Thursday January 6 because buyers have wanted to wait for activity to resume in the global markets after the New Year holidays, sources have told Fastmarkets.

Market activity was expected to improve in the second week of January, they said. And when asked if prices were expected to change, most said that they were likely to remain stable through the month.

Most rebar producers have kept their prices stable for orders to be placed in January, while some were giving discounts, sources added.

Billet imports

No new billet import prices were heard to Egypt during the week.

Fastmarkets' weekly price assessment for steel billet, import, cfr main port Egypt, was $640-650 per tonne on January 6, unchanged since December 16.

An investigation into one billet cargo, related to inconsistent documentation, also kept buyers away from bookings for the time being, sources told Fastmarkets.

Rebar

Rebar producers in Egypt were offering such material at E£14,900-15,000 ($946-952) per tonne ex-works including 14% VAT, narrowing downward from previous offers at E£14,900-15,350 per tonne.

One mill was heard to be offering material at E£14,800 per tonne ex-works, but this could not be confirmed at the time of publication, so this figure was not included in the price assessment.

As a result, Fastmarkets' weekly price assessment for steel reinforcing bar (rebar), domestic, exw Egypt, was E£14,900-15,000 per tonne on January 6, narrowing downward from E£14,900-15,350 per tonne on December 30.

Turkish steelmakers raise rebar export prices amid higher input costs, EU demand

By Cem Turken - Thursday 06 January

Turkish export prices for steel rebar have increased over the past week amid rising input costs and support from demand in the EU with renewal of the bloc's import quotas, market participants told Fastmarkets on Thursday January 6.

Electricity prices in Turkey have increased by around 127% and natural gas prices have increased by 50% for industrial use, with effect from January 1.

The eastern Mediterranean country also raised its minimum wage by 50.4%, also with effect from January 1.

With all these increases in input costs, Turkish steelmakers have raised their rebar offers for exports to $700-710 per tonne fob on actual-weight-basis levels, against $680-690 per tonne a week earlier.

The renewal of safeguarding quotas by the EU also helped Turkish rebar producers at the beginning of the month.

Turkey has already used up its entire 60,592-tonne allocation for rebar imports in January-March this year, according to European Commission customs data.

The country sold rebar to the EU for around $690 per tonne fob actual weight.

Fastmarkets' weekly price assessment for steel reinforcing bar (rebar), export, fob main port Turkey, was $690-700 per tonne on January 6, narrowing upward from the $680-700 per tonne of last week.

But apart from the sales to the EU, demand in the export markets was still limited, according to the sources.

Meanwhile, wire rod export prices out of Turkey have been stable over the past seven days.

Fastmarkets' weekly price assessment for steel wire rod (mesh quality), export, fob main port Turkey, was $790-800 per tonne fob on January 6, unchanged since early December.

China pig iron market bullish amid higher iron ore and scrap prices

By Lee Allen, Tianran Zhao - Thursday 06 January

Prices for imports of basic pig iron (BPI) into China picked up over the past fortnight on bullish sentiment in the domestic scrap market and a surge in iron ore prices, sources told Fastmarkets on Thursday January 6.

Fastmarkets' fortnightly assessment of the price for pig iron, import, cfr China was $530-540 per tonne on January 6, up by $10 per tonne from $520-530 per tonne two weeks ago.

Bids for BPI imported into China were heard at $530-550 per tonne cfr China over the past fortnight. Key market participants indicated that the prevailing market price for such material was at $540 per tonne cfr China on Thursday.

"Iron ore prices form an important part of pig iron costs, so when cfr China iron ore prices are surging, pig iron prices [are] pushed up too," a Japanese trading source told Fastmarkets, with a mill source based in Hebei agreeing.

"Mills raising their domestic scrap buy prices also provided support to BPI import prices, because scrap and BPI are usually regarded as substitutes in steelmaking," the mill source added.

"We are seeing evidence of mills resuming their production. We learned [on Thursday] that the total production volume for finished steel was over 200 kilotonnes higher week on week, so this is good news for raw materials," a trading source based in Singapore said.

A second Singapore-based trading source pointed to China's purchase of 60,000 tonnes of steel billet imports from Indonesia at $615 per tonne cfr earlier in the week and said it was very likely for buyers to also look at securing imports of pig iron in the short term.

Limited availability

Other buyers held differing views about pig iron demand in the week.

A second mill source based in Hebei said that their mills hadn't required the purchase of merchant pig iron during their recent production rounds because their molten iron generation was currently sufficient.

Deal activity for the material has been muted in the past two weeks despite improving sentiment due to limited number of offers from suppliers. Offers from Brazil were at $530-540 per tonne cfr China for cargoes with March shipment, sources said.

"The quality of pig iron cargoes from Brazil is generally good, but the March shipment is too long for us. It will be approximately late May for the cargo to arrive," the second Hebei-based mill source told Fastmarkets.

An Indian integrated steelmaker source said that his mill was not offering BPI for export on January 6 and still preferred to sell into the domestic market despite a sluggish environment in India. If he was to sell, however, he said he would require no less than $550 per tonne cfr China.

Iron ore prices up after increase in speculative buying by traders

By Alice Li - Thursday 06 January

Seaborne iron ore prices increased on Thursday January 6 after more February-laycan deals were done by trading houses, sources told Fastmarkets.

Key drivers

On January 5, China's Premier Li Keqiang restated the need to reduce tax and fees for enterprises to ensure a stable start for the economy in the first quarter of 2022 and stabilize China's macro-economic situation, which further boosted market sentiment in the steel sector on Thursday.

Seaborne iron ore prices were mainly supported by speculative buying by large traders, who expect to see improved demand for iron ore in February after Chinese New Year holiday.

Low-grade Australia fines were most favored by those traders because they are easier to resell than mid-grade fines and more February-laycan were concluded this week, sources told Fastmarkets on Thursday.

Trader sources told Fastmarkets that demand for high-grade Brazilian fines may revive because prices dropped to a low level in December and mills may start restocking with more Carajas fines at Chinese ports this week.

Iron ore trading activity at the Chinese ports increased on Thursday with more deals for Super Special fines, Pilbara Blend fines and Carajas fines probably sparked by strong demand from steel mills keen to replenish stocks and from speculating traders, they added.

With the ongoing sintering production restrictions in north China and no curbs on crude steel output, using high-grade fines or direct-charged raw materials are good ways for some mills to increase hot metal output, a market analyst from Beijing said.

The most-traded May iron ore futures contract on the Dalian Commodity Exchange inched higher and ended the day up by 1.5% from the closing price of 706.50 yuan ($111) per tonne on December 30.

Iron ore forward-month swaps contracts on the Singapore Exchange climbed on Thursday and, by 6:25 pm Singapore time, the most-traded February contract was up by $3.07 per tonne compared with yesterday's settlement price of $124.25 per tonne.

Fastmarkets iron ore indices

62% Fe fines, cfr Qingdao: $127.58 per tonne, up $2.69 per tonne

62% Fe low-alumina fines, cfr Qingdao: $129.00 per tonne, up $9.12 per tonne

58% Fe fines high-grade premium, cfr Qingdao: $99.71 per tonne, up $2.62 per tonne

65% Fe Brazil-origin fines, cfr Qingdao: $156.00 per tonne, up $11.00 per tonne

63% Fe Australia-origin lump ore premium, cfr Qingdao: $0.2800 per dry metric tonne unit (dmtu),up $0.0300 per dmtu

62% Fe fines, fot Qingdao: 847 yuan per wet metric tonne (implied 62% Fe China Port Price: $123.2 per dry tonne), up by 24 yuan per wmt

Quote of the day
"Mill margins are better now, so they are probably switching to use a mix of mid-grade fines, such as Mining Area C and Jimblebar fines, along with the high-grade [material, including] Iron Ore Carajas fines (IOCJ), so inquiries for IOCJ at China's ports increased," a Hong Kong-based trader said.

Trades/offers/bids heard in the market
Vale, Globalore, 70,000 tonnes of 65% Fe Iron Ore Carajas fines, traded at $156 per tonne cfr China, bill of lading dated January 3.

BHP, Globalore, 90,000 tonnes of 62% Fe Mining Area C fines, traded at $120.25 per tonne cfr China, laycan January 26-February 4.

BHP, Beijing Iron Ore Trading Center (Corex), 80,000 tonnes of 56.7% Fe Yandi fines, traded at the February average of two 62% Fe indices plus a discount of $19.60 per tonne, laycan January 26-February 4.

BHP, Corex, another 80,000 tonnes of 56.7% Fe Yandi fines, traded at the February average of two 62% Fe indices plus a discount of $19.40 per tonne, laycan January 26-February 4.

BHP, Corex, another 80,000 tonnes of 56.7% Fe Yandi fines, traded at the February average of two 62% Fe indices plus a discount of $19.40 per tonne, laycan February 1-10.

BHP, Globalore, 80,000 tonnes of 62.5% Fe Newman Blend lump, traded at the February average of a 62% Fe index on an fob Australia basis plus a lump premium of $0.2875 per dry metric tonne unit (dmtu), laycan February 1-10.

Rio Tinto, Globalore, 170,000 tonnes of 62% Fe Pilbara Blend fines, traded late on Wednesday at $125.55 per tonne cfr China, laycan January 31-February 9.

Rio Tinto, Corex, 170,000 tonnes of 61% Fe Pilbara Blend fines, offered at $126.85 per tonne cfr China, laycan February 1-10.

Rio Tinto, Globalore, 70,000 tonnes of 62.5% Fe Pilbara Blend lump, offered at the February average of a 62% Fe index plus a lump premium of $0.3020 per dmtu, laycan February 5-14.

BHP, Corex, 90,000 tonnes of 56.7% Fe Yandi fines, offered at the February average of two 62% Fe indices plus a discount of $19.30 per tonne, laycan February 1-10.

Market participant indications
Fastmarkets index for iron ore 62% Fe fines
Brazilian Blend fines: $127.97-131.00 per tonne cfr China

Newman fines: $125.47-129.37 per tonne cfr China
Jimblebar fines: $101.45-106.07 per tonne cfr China

Port prices
Pilbara Blend fines were traded at 815-860 yuan per wmt in Shandong province and Tangshan city on Thursday, compared with 800-818 yuan per wmt on Wednesday.

The latest range is equivalent to about $118-125 per tonne in the seaborne market.

Dalian Commodity Exchange
The most-traded May iron ore futures contract closed at 717 yuan ($113) per tonne on Thursday, up by 10.50 yuan per tonne from yesterday's closing price.

Alex Theo in Singapore contributed to this article.

Seaborne coking coal prices jump on latest trades; China resumes procuring North American coal in the spot market

By Min Li - Thursday 06 January

Seaborne coking coal prices jumped across the board on Thursday January 6 following recent trades sealed at higher prices, while good demand from ex-China markets combined with tight supply from Australia pushed up prices in the fob Australia market and a major trader in China resumed purchasing seaborne coking coal from the United States, sources said.

Fastmarkets indices
Premium hard coking coal, cfr Jingtang: $359.97 per tonne, up $15.10 per tonne

Hard coking coal, cfr Jingtang: $328.35 per tonne, up $16.84 per tonne
Premium hard coking coal, fob DBCT: $370.22 per tonne, up $9.64 per tonne
Hard coking coal, fob DBCT: $316.39 per tonne, up $8.75 per tonne

An end-January-laycan Capesize vessel of United States-origin hard coking coal Buchanan was traded on Thursday at $325 per tonne cfr China, sources told Fastmarkets.

On January 5, a February 10-24 laycan cargo comprising 40,000 tonnes of Australian premium mid-volatility hard coking coal and 35,000 tonnes of high ash semi-hard coking coal was traded at $370 per tonne fob Australia and $310 per tonne fob Australia respectively, sources said.

The buyer of both cargoes was heard to be a trading house in China. Following the above transactions, seaborne coking coal prices rose in the spot market.

In the fob Australia market, trading sources and a coke producer source in India attributed the price jump to tight Australian coking coal supply in the spot market and good demand across the globe.

"We have no choice but to accept the price increase," the coke producer source in India said, while one of the trading sources in India was surprised at the sudden price jump.

In the cfr China market, the transaction of Buchanan ended about two months of inactivity in the spot market for procuring North America-origin coking coal.

A trading source in Beijing said Chinese domestic coking coal prices increased in the week, which supported seaborne price increase. The trade indicated that the buyer held a positive outlook for seaborne coking coal cfr China prices.

Spot market prices of Shanxi-origin coal used for blending increased by around 100 yuan ($16) per tonne on Thursday, a trading source in Hebei province said.

The second round of Chinese domestic coke price increases since mid-December had been largely accepted by mills by Thursday, which may have caused the seaborne price to jump in the cfr China market, a source at a mill in South China said.

Since mid-December, the domestic coke price has increased twice, by a total of around 300 yuan per tonne.

Dalian Commodity Exchange
The most-traded May coking coal futures contract closed at 2,334 yuan ($367.12) per tonne on Thursday, down by 20 yuan per tonne.

The most-traded May coke contract closed at 3,175.50 yuan per tonne, up by 25.50 yuan per tonne.

Asia steel complex hinges on late-January sentiment, price bottom "possible"

By Alex Theo, Paul Lim, Lee Allen, Tianran Zhao, Zihuan Pan - Thursday 06 January

The next major change in price direction may happen in the second half of January when market conditions become clearer, after the Lunar New Year and the Beijing Winter Olympics, sources told Fastmarkets in the week.

This is supported by gradually warming sentiment in Asia, led by developments in the key China market. But the current bout of iron ore buying and emerging interest from some buyers for ferrous scrap is not a definitive indication of a demand increase, especially with Asia about to embark on the Lunar New Year holidays soon, sources said.

Iron ore

Iron ore markets are already seeing early signs of a demand surge from Chinese traders and steelmakers.

Brazilian high-grade iron ore fines, or Iron Ore Carajas Fines (IOCJ) were sold at $156 per tonne cfr Qingdao on January 6, a surge of $11 per tonne from Fastmarkets' calculation of the iron ore 65% Fe Brazil-origin fines, cfr Qingdao index at $145 per tonne on January 5.

Price book

After nearly a month without sales to China; key market sources said there had very recently been an increase in interest for seaborne IOCJ cargoes.

"Iron ore market sentiment has improved significantly in January. Mills are seeing better margins and the government announced earlier that focus on housing was also one of the key drivers supporting the stronger market sentiment," a Singapore-based trader said.

Domestic traders have also increased their purchasing of portside iron ore cargoes, especially for lower-grade materials like Jimblebar and Super Special Fines.

"Some mills are looking to optimize their productivity, which has supported the demand for cheaper low-mid grade iron ore fines. The increased number of transactions for lower-grade fines at the Chinese ports is a clear sign," the same trader said.

Improving mill margins are pushing steelmakers to switch to blending mid-grade fines like Mining Area C and JMBF with high-grade IOCJ, a Hong Kong-based trader said.

A buyer source in Singapore said IOCJ has been selling very well at Chinese ports, with steel mills and trading houses trying to outbid each other.

There has also been an increase in demand for iron ore lumps at the Chinese ports, the source added.

"This is most likely prompted by mills who have sintering restrictions imposed on them but still want to optimize the blast furnace processes," the source said.

Ferrous scrap

Market participants in the Asian ferrous scrap markets have started to harbor more optimistic views.

"Higher finished product prices in Asia should also be a key supporting factor for scrap prices in the near-term," a scrap trader in Singapore told Fastmarkets, pointing out that steel prices in China have been increasing.

"It is possible that the current market is at the bottom, and any buying from now on will boost prices," he said.

A seller source close to a Japanese scrapyard said he hadn't seen any strong signals that spot prices could increase soon, although prices may be at the bottom now.

"It's still a little bit mixed, although judging from energy and finished product prices, we could be near the bottom now," he said.

The major Kanto Tetsugen auction in Japan next week will be a key factor to consider, sources said, especially if participating traders bid high enough to win export H2 cargoes from Japan. The auction had not been concluded in the past two months due to low bids from traders, which auction organizers felt were insufficient to match domestic prices in Japan.

A scrap trader in Taiwan reported more purchasing interest for containerized materials from Thursday January 6 onward.

"There is more interest now from Taiwanese steelmakers, and there could be more purchasing activity from next week," the trader said.

Chinese steelmakers were also heard bidding for imported HRS101, further improving sentiment.

"Because most Chinese scrapyards will be closed during the Lunar New Year holidays, blast furnace-based steel mills will need to stock up ahead of the holiday so that they can operate normally during the holiday period," an analyst in Beijing told Fastmarkets.

"There are also other mills that are purchasing scrap now to use after the holiday when supply is likely to be tight," he continued.

Steel

While China is not looking at offers for steel billet from India at the moment, the sharp rise in coal and iron ore prices have supported sentiment at an Indian steelmaker.

"We are hopeful China will come back into the market for more billet bookings in the next few weeks," a seller source at the steelmaker said.

A Chinese trader remained mixed in his outlook, expecting steel demand to recover only after the Lunar New Year holidays.

"The outlook for after the CNY remains uncertain, while orders received by downstream users have yet to show signs of a significant pick-up. That keeps us cautious about the future market," he said.

Chinese HRC prices extend gains despite output increase

By Paul Lim, Zihuan Pan - Thursday 06 January

Spot prices for hot-rolled coil in China extended their gains on Thursday January 6, while futures rose for a third day in a row following further increases in raw materials.

Domestic

Eastern China (Shanghai): 4,920-4,950 yuan ($772-776) per tonne, up by 20-40 yuan per tonne

The most-traded HRC contract on the Shanghai Futures Exchange

strengthened for a third straight day on Thursday and has fully regained the ground lost last week.

Market participants attributed the gains in SHFE HRC prices to rising costs, with futures prices for key steelmaking raw materials - coke and iron ore - continuing their strong performance on Thursday.

On the Dalian Commodity Exchange, the most-traded coke contract hit a two-month high of 3,225 yuan per tonne during night trading on Wednesday, while the most-active iron ore contract jumped to 717 yuan per tonne at the close, marking its highest closing price in nearly three months.

The gains in HRC spot and futures prices came despite industry data showing that HRC output in China rose for a second straight week in the seven days to Thursday.

A local information provider reported on Thursday afternoon that major mills in China produced 3.06 million tonnes of HRC in the week to Thursday, up by 89,700 tonnes from the previous week.

But the data also shows that HRC inventories held by traders and mills extended their decline in the same week. That led to an increase in apparent demand for HRC, up by 14,300 tonnes from the previous week to 3.07 million tonnes.

Export
Fastmarkets' steel hot-rolled coil index export, fob main port China: $759.87 per tonne, down by $1.64 per tonne

Most large mills held their SS400 HRC offers at $765-800 per tonne fob China on Thursday, while smaller mills raised their offers by about $5-10 per tonne from the previous day to around $760 per tonne fob China.

Meanwhile, market participants indicated a wider range for tradable levels at $740-755 per tonne fob China, with bids from clients standing low.

Wide offer-bid gaps continued to subdue trading activity for Chinese HRC exports on Thursday. Bids from Vietnamese buyers were at $740-750 per tonne cfr, which is equivalent to $710-725 per tonne fob China with freight rates estimated at $25-30 per tonne.

Traders also reported an increase in the inquiries or bids they had received, suggesting that buyers are restarting to make purchases after the Christmas holiday season.

Indian steelmakers have offered HRC at $755-770 per tonne cfr Vietnam, although some are optimistic that the improving Indian domestic markets may see them increasing the offers, or withdrawing from the Asian markets totally soon.

But major Vietnamese galvanizers remained on the sidelines and did not show much interest in purchasing, a Vietnamese trader told Fastmarkets.

Market chatter
"HRC supply to the spot market in eastern China has increased, but the increase is limited for now. The supply is set to increase further, given the relatively high prices in east China and weaker demand in northern markets; that will lead to higher inventories," a Shanghai-based trader said.

Shanghai Futures Exchange
The most-traded May HRC contract ended at 4,638 yuan per tonne on Thursday, up by 70 yuan per tonne from Wednesday's close.

China's domestic rebar prices flat amid stronger demand, rising supplies

By Jessica Zong, Zihuan Pan - Thursday 06 January

China's domestic rebar prices remained unchanged on Thursday January 6, while spot trading volumes increased from the previous day with futures prices rising for a fourth straight day.

Domestic
Eastern China (Shanghai): 4,720-4,760 yuan ($740-747) per tonne, unchanged

Traders reported an improvement in sales volumes on Thursday, while Shanghai rebar futures prices extended their gains with industry data pointing to a weekly increase in apparent demand for rebar in China.

But sellers maintained their prices because of the higher production rates and the build-up of inventories.

Major mills in China produced 2.81 million tonnes of rebar in the week to Thursday, up by 114,100 tonnes from the preceding week, according to data released by a local information provider. The data also shows that the spot market rebar stocks in China totaled 3.44 million tonnes as of Thursday, up by 45,600 tonne from a week earlier.

Apparent demand for rebar in China - a combination of output and inventory changes - increased by 31,700 tonnes to 2.71 million tonnes, according to the local information provider's report.

Market chatter
"The higher production rates indicate lighter production restrictions than in December, which may cause further [weekly] output rises this month and weigh on prices," an industry analyst said.

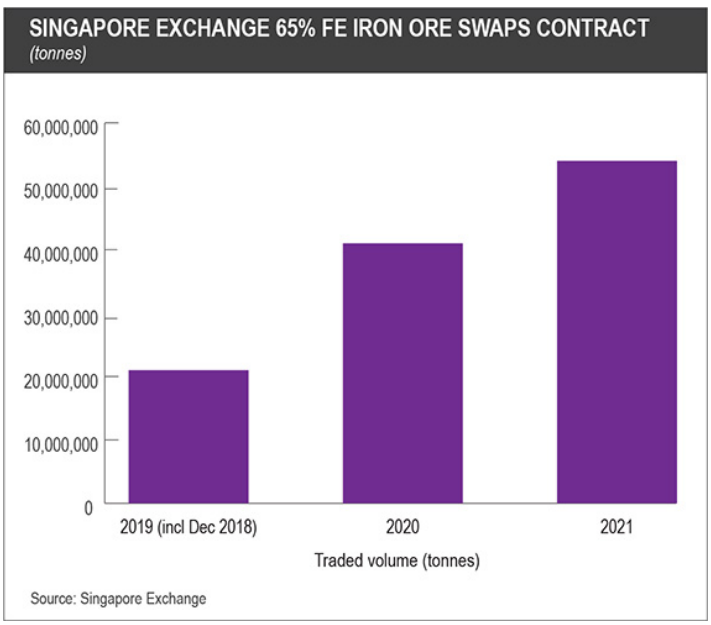
Billet
As of 3pm on Thursday, billet was being traded at 4,300 yuan per tonne, including value-added tax, in Tangshan - up by 40 yuan per tonne from the previous day.

Shanghai Futures Exchange
The most-traded May rebar futures contract closed at 4,494 yuan per tonne on Thursday, up by 50 yuan per tonne from Wednesday's close.

SGX 65% Fe iron ore swaps' traded volume grows 32% in 2021

By Alex Theo - Thursday 06 January

A total of 549,105 lots - or 54.9 million tonnes - of the Singapore Exchange's (SGX) 65% Fe iron ore swaps contract were traded in 2021, up by 31.6% from 417,386 lots (41.7 million tonnes) in 2020.



Last year's total is more than double the 218,713 lots traded in 2019, which is inclusive of 19,940 lots traded in December 2018 when the contract was introduced.

The SGX's 65% Fe iron ore swaps contract - the world's first derivative of high-grade iron ore - was launched on December 3, 2018.

A Singapore-based broker believes that the SGX 65% Fe iron ore swaps contract will most likely continue to experience steady growth in its trading volume in 2022, especially with last month's introduction of the exchange's 65% Fe iron ore options.

"Both these contracts will give market participants a wider range of diversity in hedging options, and [the contracts] should be working in tandem," she said.

With the steel market working toward decarbonization, a focus on high-grade iron ore will play an important role, so having the derivative and option contracts readily available will help mitigate the risk factors in this segment of the iron ore market, according to a trading source in Shanghai.

"For instance, the iron ore market was very volatile especially in 2021, when prices were hitting record highs around the mid-year, but later plunging quickly with government initiatives to control steel output. So, such risks are then better mitigated with the assistance of the derivative contract," he added.

Fastmarkets index manager Jane Fan said that more entities showed interest in and participated in the trading of the SGX 65% Fe iron ore swaps contract in 2021.

"The purpose has not only been to trade the inter-grade price differential between mid-grade and high-grade fines, but market participants have also been hedging the high-grade fines index performance solely. As the steelmaking industry moving toward decarbonization, hedging risks for the high-grade iron ore sector has and will continue to become more important for market participants," she said.

Fastmarkets' index for iron ore 65% Fe Brazilian fines follows a transparent calculation methodology and tracks closely the performance of high-grade Brazilian fines, Fan noted.

She said that Fastmarkets' widely recognized index methodology allowed market participants to trust the index as the primary benchmark for high-grade fines, concentrate and pellets. It also allows market participants to confidently use the SGX 65% Fe swaps contract, which settles against the index, she added.

Fastmarkets' index for iron ore 65% Fe Brazil-origin fines, cfr Qingdao averaged $185.18 per tonne in 2021, up by $62.87 per tonne (51.4%) from $122.31 per tonne in 2020.

Meanwhile, Fastmarkets' index for iron ore 62% Fe fines, cfr Qingdao averaged $159.89 per tonne in 2021, up by $50.86 per tonne (46.6%) from $109.03 per tonne in 2020.

Steel scrap

Turkish mills pay more for US ferrous scrap

By Amy Hinton - Thursday 06 January

Two Turkish mills have secured United States-origin scrap at an increase of $3.50-12.00 per tonne compared with the previously reported US sale to the region.

An East Coast exporter sold a cargo comprising 26,000 tonnes of an 85:15 mix of No1 and No2 heavy melting scrap priced at $472 per tonne and bonus-grade material at $487 per tonne cfr on Wednesday January 5.

This is equivalent to $469 per tonne cfr on an HMS 1&2 (80:20) basis, given the $3-per-tonne premium that the 85:15 mix of the grade commands over the 80:20 mix.

An earlier cargo sale has also come to light, believed to have been concluded on December 27, in which a separate US shipper sold an unspecified tonnage of shredded scrap and bonus-grade material at an average price of $478.50 per tonne cfr. It is understood that there were equal parts of both grades in the cargo, although it is unknown if any HMS material was included.

These latest sales compare with the previously reported sale on December 23, in which an East Coast exporter sold a cargo comprising 3,000 tonnes of an 80:20 mix of No1 and No2 heavy melting scrap at $460 per tonne cfr, and 25,000 tonnes of shredded scrap and 2,000 tonnes of bonus-grade material at $475 per tonne cfr.

Industrial minerals

Sulfate-grade TiO2 prices rise as 2022 begins

By Claire Patel-Campbell - Thursday 06 January

Sulfate-grade titanium dioxide prices rose in the week to Thursday January 6, with reports of price increases from Chinese sellers, alongside ongoing expectations of supply decreases in the coming weeks.

Fastmarkets' assessment of the price of titanium dioxide pigment, sulfate grade, fob China climbed to $3,050-3,400 per tonne on Thursday, up by $50-100 per tonne from $3,000-3,300 per tonne a week earlier.

https://dashboard.fastmarkets.com/launch?url=/p/MB-TI-0009

"The market demand, including both the domestic market and international market, is strong after the [Christmas] holiday," a seller said.

"The demand from the international market is from end users, but the demand from the domestic market is from traders and distributors who believe the price will continue to increase."

Supply of titanium dioxide in China is expected to drop in the first quarter, he added, with the approach of the Winter Olympics (February 4-20), alongside issues around freight and production costs.

Zircon prices also rose as 2022 began, with market participants reporting increasing supply tightness.

Fastmarkets' monthly assessment of the price of zircon, premium grade, 66.5% ZrO2 min, bulk, cif China climbed to $1,970-2,050 per tonne on Thursday, up by $175-195 per tonne from $1,775-1,875 per tonne on December 2.

Fastmarkets' monthly price assessment of zircon, standard grade, 65.5% ZrO2 min, cif China also rose in the month to Thursday, rising to $1,920-2,000 per tonne, from $1,675-1,800 per tonne previously.

Meanwhile, ilmenite and rutile markets remained stable in the two weeks to Thursday, in thin trading, because some market participants have yet to return after the Christmas break.

Fastmarkets' assessment of the price of ilmenite concentrate, 47-49% TiO2, cif China remained at $360-400 per tonne on Thursday, having maintained the same level since November 11.

The assessment for rutile concentrate 95% TiO2 min, bulk, cif China remained at $1,450-1,500 per tonne on Thursday, with rutile concentrate 95% TiO2 min, large volumes for pigment, fob Australia holding at $1,400-1,500 per tonne, and rutile concentrate 95% TiO2 min, bagged, fob Australia at $1,450-1,550 per tonne.

Tight supply, rising costs push up fine flake graphite prices

By Jon Stibbs, Sybil Pan - Thursday 06 January

Key data from the graphite pricing sessions in Asia and Europe for the week ended Thursday January 6.

GLOBAL GRAPHITE PRICES

	New price	Previous price	% Change
Graphite flake 94% C, +100 mesh, fob China, $/tonne	New price	Previous price	% change
Graphite flake 94% C, -100 mesh, fob China, $/tonne	1,010	1,000	▲1.00
Graphite flake 94% C, +80 mesh, fob China, $/tonne	760	750	▲1.33
Graphite flake 94% C, +100 mesh, cif Europe, $/tonne	1,200	1,200	0
Graphite flake 94% C, -100 mesh, cif Europe, $/tonne	1,250	1,250	0
Graphite flake 94% C, +80 mesh, cif Europe, $/tonne	775	755	▲2.65
Graphite spherical 99.95% C, 15 microns, fob China, $/tonne	1,395	1,395	0
Graphite amorphous 80% C, -200 mesh, fob China, $/tonne	3,100-3,300	3,100-3,300	0
Graphite amorphous 80% C, -200 mesh, FCL, cif Europe, $/tonne	480-550	480-550	0
Adjustment	635-750	635-750	0
Carbon VIU in %	4.10	3.90	▼0.20

94% C	95% C	96% C	97% C
0.0%	▲3.90%	▲7.80%	▲11.70%

Source: Fastmarkets

China

- Prices for fine flake - graphite flake 94% C, -100 mesh, fob China - edged upward due to supply tightness following a halt in operation in Heilongjiang and good demand from the spherical graphite sector.
- The spherical graphite market remained stable but producers expressed concern about their operations in the first quarter of 2022 due to environmental controls in Luobei, a major production hub for flake fines and spherical graphite.

Europe

- Fine graphite flake (-194) prices rose on tight supply in China and after some producers raised their offer prices to test the market.
- Some producers reported increased freight costs from Africa to Europe and have attempted to pass on the higher costs.
- The new year will have seen many consumers on annual contracts start to pay higher prices per tonne in response to the bullish spot market in the second half of 2021, according to market participants.

Fastmarkets prices the amorphous graphite markets in the third week of every month. The prices shown here relate to December 16, 2021, with the previous assessment made on November 18.

Graphite flake premium calculator

The Value in Use (VIU) was updated to 3.9% on January 6 for the first quarter of 2022 from 4.1% in the previous quarter.
The Carbon VIU measures, in percentage terms, the price value of one extra % of carbon content as reported in the market.
This is the first time that the VIU has fallen below 4% since Fastmarkets began calculating it. While the differences between neighbouring carbon contents has been unchanged in $ terms, the higher prices of flake graphite per tonne has made the differences relatively smaller in percentage terms.
The VIU is calculated using statistical methods and the large amount of prices and data collected by Fastmarkets. The VIU shown is the value implied by the market and not an in-house assessment.
An example of what the Carbon VIU means practically: A published Carbon VIU of 5% means that material with a 95% carbon content is priced by the market, on average, 5% more expensive than 94% carbon-content material, assuming other factors are equal.

Base metals prices

Source: dashboard.fastmarkets.com/m/d7d11f17-248b-4073-82c4-f750b2994d8e

Aluminium prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0343	Aluminium P1020A (MJP) spot premium, cif Japan, $/tonne	04 Jan 2022	160 - 180	0.00%	Dec 2021	161.67 - 180
MB-AL-0001	Aluminium P1020A (MJP) quarterly premium, cif Japan, $/tonne	05 Oct 2021	215 - 220	21.85%	Dec 2021	215 - 220
MB-AL-0344	Aluminium P1020A premium, cif South Korea, $/tonne	04 Jan 2022	160 - 170	0.00%	Dec 2021	160 - 170
MB-AL-0307	Aluminium P1020A premium, fca South Korea, $/tonne	04 Jan 2022	175 - 185	0.00%	Dec 2021	175 - 185
MB-AL-0329	Aluminium P1020A premium, cif Taiwan, $/tonne	29 Dec 2021	160 - 200	-4.00%	Dec 2021	167.5 - 200
MB-AL-0328	Aluminium P1020A premium, bonded in-whs, Shanghai, $/tonne	29 Dec 2021	50 - 80	-13.33%	Dec 2021	50 - 80
MB-AL-0345	Aluminium P1020A premium, cif Shanghai, $/tonne	29 Dec 2021	50 - 70	-7.69%	Dec 2021	50 - 70
MB-AL-0346	Aluminium P1020A premium, in-whs dup Rotterdam, $/tonne	06 Jan 2022	300 - 320	0.00%	Dec 2021	250.24 - 266.43
MB-AL-0004	Aluminium P1020A premium, in-whs dp Rotterdam, $/tonne	04 Jan 2022	410 - 440	4.94%	Dec 2021	321.11 - 345
MB-AL-0316	Aluminium P1020A premium, fca dp Italy, $/tonne	04 Jan 2022	420 - 450	6.10%	Dec 2021	377.5 - 396.25
MB-AL-0319	Aluminium P1020A premium, fca dp Spain, $/tonne	29 Dec 2021	400 - 420	10.81%	Dec 2021	382.5 - 397.5
MB-AL-0021	Aluminium P1020A premium, delivered Sao Paulo region, $/tonne	29 Dec 2021	350 - 400	-11.76%	Dec 2021	375 - 425
MB-AL-0022	Aluminium P1020A premium, cif dup Brazilian main ports, $/tonne	29 Dec 2021	380 - 400	0.00%	Dec 2021	380 - 400
MB-AL-0020	Aluminium P1020A premium, ddp Midwest US, US cents/lb	04 Jan 2022	29 - 31	0.00%	Dec 2021	27.22 - 29.78
MB-AL-0231	Aluminum P1020A all-in price, delivered Midwest US, US cents/lb	06 Jan 2022	160.75 - 162.75	-0.32%	Dec 2021	149.23 - 151.99
MB-AL-0337	Aluminium P1020A premium, cif dup Turkey, $/tonne	29 Dec 2021	320 - 340	20.00%	Dec 2021	295 - 310
MB-AL-0381	Aluminium low-carbon differential P1020A, Europe, $/tonne	03 Dec 2021	0 - 10	0.00%	Dec 2021	0 - 10
MB-AL-0378	Aluminium P1020A premium, in-whs dp Rotterdam, inferred low-carbon midpoint, $/tonne	04 Jan 2022	430	4.88%	Dec 2021	338.06
MB-AL-0377	Aluminium P1020A premium, in-whs dup Rotterdam, inferred low-carbon midpoint, $/tonne	06 Jan 2022	315	0.00%	Dec 2021	263.33
MB-AL-0333	Aluminium P1020A warrant premium, in-whs Southeast Asia, $/tonne	05 Jan 2022	40 - 70	10.00%	Dec 2021	40 - 62
MB-AL-0334	Aluminium P1020A, warrant premium, in-whs East Asia, $/tonne	05 Jan 2022	40 - 65	0.00%	Dec 2021	40 - 66
MB-AL-0338	Aluminium P1020A warrant premium, in-whs US, $/tonne	05 Jan 2022	115 - 125	0.00%	Dec 2021	115 - 125
MB-AL-0297	Aluminium 6063 extrusion billet premium, cif Thailand, $/tonne	17 Dec 2021	465 - 485	0.00%	Dec 2021	465 - 485
MB-AL-0298	Aluminium 6063 extrusion quarterly billet premium, cif MJP, $/tonne	15 Oct 2021	180 - 200	16.92%	Dec 2021	180 - 200
MB-AL-0302	Aluminium 6063 extrusion billet premium, ddp North Germany (Ruhr region), $/tonne	31 Dec 2021	1470 - 1520	0.00%	Dec 2021	1470 - 1520
MB-AL-0300	Aluminium 6063 extrusion billet premium, ddp Italy (Brescia region), $/tonne	31 Dec 2021	1470 - 1540	0.00%	Dec 2021	1470 - 1540
MB-AL-0299	Aluminium 6063 extrusion billet premium, ddp Spain, $/tonne	31 Dec 2021	1430 - 1500	0.00%	Dec 2021	1430 - 1500
MB-AL-0002	Aluminium 6063 extrusion billet premium, in-whs dp Rotterdam, $/tonne	31 Dec 2021	1430 - 1480	0.00%	Dec 2021	1430 - 1480
MB-AL-0296	Aluminium 6063 extrusion billet premium, cif Turkey (Marmara region), $/tonne	31 Dec 2021	700 - 750	0.00%	Dec 2021	700 - 750

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0052	Aluminum 6063 extrusion billet premium, delivered Midwest US, US cents/lb	31 Dec 2021	24 - 28	0.00%	Dec 2021	24 - 28
MB-AL-0287	Aluminium 6063 & 6060 extrusion billet premium, cif Brazilian main ports, $/tonne	31 Dec 2021	680 - 720	0.00%	Dec 2021	680 - 720
MB-AL-0382	Aluminium low-carbon differential value-added product, Europe, $/tonne	03 Dec 2021	20 - 30	0.00%	Dec 2021	20 - 30
MB-AL-0379	Aluminium 6063 extrusion billet premium, ddp Italy (Brescia region), inferred low-carbon midpoint, $/tonne	31 Dec 2021	1530	0.00%	Dec 2021	1530
MB-AL-0380	Aluminium 6063 extrusion billet premium, ddp North Germany (Ruhr region), inferred low-carbon midpoint, $/tonne	31 Dec 2021	1520	0.00%	Dec 2021	1520
MB-AL-0341	Aluminium primary foundry alloy silicon 7 ingot premium, cif dup over P1020A Turkey, $/tonne	10 Dec 2021	500 - 600	23.60%	Dec 2021	500 - 600
MB-AL-0349	Aluminium primary foundry alloy silicon 7 ingot annual premium, cif MJP, $/tonne	15 Jan 2021	100 - 120	-15.38%	Dec 2021	100 - 120
MB-AL-0348	Aluminium primary foundry alloy silicon 7 ingot annual premium, cif main South Korean ports, $/tonne	15 Jan 2021	90 - 120	0.00%	Dec 2021	90 - 120
MB-AL-0342	Aluminium primary foundry alloy silicon 7 ingot /T-bar premium, dlvd dup over P1020A Midwest US, US cents/lb	10 Dec 2021	11 - 13	0.00%	Dec 2021	11 - 13
MB-AL-0340	Aluminium primary foundry alloy silicon 7 ingot premium, ddp Eastern Europe, $/tonne	10 Dec 2021	750 - 850	-5.88%	Dec 2021	750 - 850
MB-AL-0339	Aluminium primary foundry alloy silicon 7 ingot premium, ddp Germany, $/tonne	10 Dec 2021	750 - 850	-5.88%	Dec 2021	750 - 850
MB-AL-0045	Aluminum 6061 alloyed ingot, US cents/lb	03 Jan 2022	1.67 - 1.73	3.03%	Dec 2021	1.61 - 1.69
MB-AL-0046	Aluminum 6063 alloyed ingot, US cents/lb	03 Jan 2022	1.75 - 1.81	2.89%	Dec 2021	1.69 - 1.77
MB-AL-0277	Aluminum alloy C355.2 ingot, delivered, $/lb	06 Jan 2022	1.98	1.02%	Dec 2021	1.86
MB-AL-0289	Aluminium import arbitrage, $/tonne	06 Jan 2022	(93.13)		Dec 2021	(116.34)
MB-AL-0290	Aluminium import arbitrage, yuan/tonne	06 Jan 2022	(595)		Dec 2021	(742.36)
MB-AL-0256	Aluminium fixing price for LME trade, rand/tonne	06 Jan 2022	46464.28	1.00%	Dec 2021	42891.1

Metallurgical bauxite & alumina prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ALU-0010	Alumina index inferred, fob Brazil, $/dmt	06 Jan 2022	355.67	-0.58%	Dec 2021	372.3
MB-ALU-0003	Alumina index adjustment to fob Australia index, Brazil, $/dmt	30 Dec 2021	12.81	9.77%	Dec 2021	14.54
MB-ALU-0002	Alumina index, fob Australia, $/tonne	06 Jan 2022	342.86	-0.60%	Dec 2021	356.24
MB-ALU-0001	Alumina metallurgical grade, exw China, yuan/tonne	06 Jan 2022	2650 - 2850	-0.90%	Dec 2021	2810 - 2980
MB-BX-0015	Bauxite, fob Trombetas, Brazil, $/dmt	16 Dec 2021	32	0.00%	Dec 2021	32
MB-BX-0014	Bauxite, fob Kamsar, Guinea, $/dmt	16 Dec 2021	27	0.00%	Dec 2021	27

Copper prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0412	Copper EQ cathode premium, cif Shanghai, $/tonne	29 Dec 2021	(5) - 10	-88.89%	Dec 2021	5 - 20
MB-CU-0411	Copper EQ cathode premium, cif Europe, $/tonne	29 Dec 2021	20 - 30	0.00%	Dec 2021	20 - 30
MB-CU-0369	Copper grade A cathode premium, cif Rotterdam, $/tonne	29 Dec 2021	45 - 55	0.00%	Dec 2021	45 - 55

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0372	Copper grade A cathode premium, delivered Germany, $/tonne	29 Dec 2021	80 - 90	0.00%	Dec 2021	80 - 90
MB-CU-0406	Copper grade A cathode premium, cif Leghorn, $/tonne	29 Dec 2021	75 - 90	0.00%	Dec 2021	75 - 90
MB-CU-0380	Copper grade A cathode ER premium, cif Shanghai, $/tonne	06 Jan 2022	75 - 83	0.00%	Dec 2021	84.14 - 94.62
MB-CU-0383	Copper grade A cathode ER premium, bonded in-whs Shanghai, $/tonne	06 Jan 2022	80 - 85	-1.79%	Dec 2021	94.52 - 104.9
MB-CU-0403	Copper grade A cathode premium, cif Shanghai, $/tonne	06 Jan 2022	66 - 83	0.00%	Dec 2021	75.24 - 94.62
MB-CU-0405	Copper grade A cathode premium, in-whs Shanghai, $/tonne	06 Jan 2022	70 - 85	-3.73%	Dec 2021	84.52 - 104.9
MB-CU-0384	Copper grade A cathode SX-EW premium, cif Shanghai, $/tonne	06 Jan 2022	66 - 72	-2.13%	Dec 2021	75.24 - 81.81
MB-CU-0382	Copper grade A cathode SX-EW premium, bonded in-whs Shanghai, $/tonne	06 Jan 2022	70 - 78	-3.27%	Dec 2021	84.52 - 93.67
MB-CU-0399	Copper grade A cathode premium, cif Southeast Asia, $/tonne	04 Jan 2022	80 - 90	0.00%	Dec 2021	80 - 90
MB-CU-0386	Copper grade A cathode premium, cif Taiwan, $/tonne	29 Dec 2021	75 - 90	0.00%	Dec 2021	75 - 90
MB-CU-0404	Copper grade A cathode premium, cif South Korea, $/tonne	29 Dec 2021	75 - 85	0.00%	Dec 2021	75 - 85
MB-CU-0310	Copper grade 1 cathode premium, ddp Midwest US, $/tonne	04 Jan 2022	176.37 - 220.46	0.00%	Dec 2021	
MB-CU-0002	Copper grade 1 cathode premium, ddp Midwest US, US cents/lb	04 Jan 2022	8 - 10	0.00%	Dec 2021	8 - 10
MB-CU-0309	Copper grade 1 cathode all-in price, ddp Midwest US, US cents/lb	06 Jan 2022	442.8 - 444.8	-1.26%	Dec 2021	440.72 - 442.72
MB-CU-0400	Copper grade A cathode warrant premium, in-whs North Europe, $/tonne	05 Jan 2022	5 - 10	0.00%	Dec 2021	5 - 10
MB-CU-0401	Copper grade A cathode warrant premium, in-whs South Europe, $/tonne	05 Jan 2022	15 - 25	0.00%	Dec 2021	15 - 25
MB-CU-0397	Copper grade A cathode warrant premium, in-whs Southeast Asia, $/tonne	05 Jan 2022	15 - 35	25.00%	Dec 2021	13 - 24
MB-CU-0398	Copper grade A cathode warrant premium, in-whs East Asia $/tonne	05 Jan 2022	10 - 20	0.00%	Dec 2021	13 - 23
MB-CU-0377	Copper grade A cathode warrant premium, in-whs US, $/tonne	05 Jan 2022	10 - 25	0.00%	Dec 2021	10 - 25
MB-CU-0336	Copper Aurubis grade A cathode annual premium, exw Europe, $/tonne	16 Jan 2019	96	11.63%	Dec 2021	
MB-CU-0410	Copper rod premium, ddp Midwest US, US cents/lb	06 Jan 2022	21 - 23	0.00%	Dec 2021	21 - 23
MB-CU-0361	Copper import arbitrage, $/tonne	06 Jan 2022	(50.72)		Dec 2021	14.61
MB-CU-0362	Copper import arbitrage, yuan/tonne	06 Jan 2022	(324.07)		Dec 2021	93.24
MB-CU-0338	Copper fixing price for LME trade, rand/tonne	06 Jan 2022	152594.27	-2.78%	Dec 2021	151838.38
MB-CU-0321	Copper Republican copper price for Palabora 7.90mm South Africa Rand per tonne	30 Nov 2021	151699.21	4.46%	Dec 2021	

Copper concentrate & copper blister prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0287	Copper concentrates TC index, cif Asia Pacific, $/tonne	31 Dec 2021	57.7	3.22%	Dec 2021	56.44
MB-CU-0288	Copper concentrates RC index, cif Asia Pacific, US cents/lb	31 Dec 2021	5.77	3.22%	Dec 2021	5.64
MB-CU-0422	Copper concentrates counterparty spread, $/tonne	04 Jan 2022	9.58	-8.33%	Dec 2021	10.45
MB-CU-0423	Copper Concentrates Co-VIU, $/tonne	04 Jan 2022	(0.45)		Dec 2021	0.28
MB-CU-0508	Copper concentrates TC implied smelters purchase, cif Asia Pacific, $/tonne	31 Dec 2021	62.93	2.94%	Dec 2021	61.67
MB-CU-0510	Copper concentrates RC implied smelters purchase, cif Asia Pacific, cents/lb	31 Dec 2021	6.29	2.95%	Dec 2021	6.17

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0509	Copper concentrates TC implied traders purchase, cif Asia Pacific, $/tonne	31 Dec 2021	52.48	3.55%	Dec 2021	51.22
MB-CU-0511	Copper concentrates RC implied traders purchase, cif Asia Pacific, cents/lb	31 Dec 2021	5.25	3.55%	Dec 2021	5.12
MB-CU-0408	Copper blister 98-99% RC spot, cif China, $/tonne	31 Dec 2021	150 - 170	0.00%	Dec 2021	150 - 170
MB-CU-0409	Copper blister 98-99% RC annual benchmark, cif China, $/tonne	31 Dec 2021	145 - 165	6.90%	Dec 2021	145 - 165

Nickel prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0241	Nickel briquette premium, delivered Midwest US, US cents/lb	04 Jan 2022	65 - 90	0.00%	Dec 2021	67.5 - 90
MB-NI-0242	Nickel 4x4 cathode all-in price, delivered Midwest US, US cents/lb	06 Jan 2022	983.34 - 993.34	-1.89%	Dec 2021	962.9 - 970.76
MB-NI-0243	Nickel briquette all-in price, delivered Midwest US, US cents/lb	06 Jan 2022	993.34 - 1018.34	-1.86%	Dec 2021	975.29 - 997.9
MB-NI-0240	Nickel 4x4 cathode premium, delivered Midwest US, US cents/lb	04 Jan 2022	55 - 65	0.00%	Dec 2021	55 - 63.75
MB-NI-0245	Nickel min 99.8% briquette premium, cif Shanghai, $/tonne	29 Dec 2021	400 - 500	28.57%	Dec 2021	400 - 500
MB-NI-0142	Nickel min 99.8% full plate premium, cif Shanghai, $/tonne	04 Jan 2022	300 - 330	0.00%	Dec 2021	305 - 335
MB-NI-0143	Nickel min 99.8% full plate premium, in-whs Shanghai, $/tonne	04 Jan 2022	320 - 350	0.00%	Dec 2021	325 - 352.5
MB-NI-0001	Nickel 4x4 cathode premium, in-whs Rotterdam, $/tonne	04 Jan 2022	220 - 290	0.00%	Dec 2021	220 - 290
MB-NI-0002	Nickel briquette premium, in-whs Rotterdam, $/tonne	04 Jan 2022	150 - 170	0.00%	Dec 2021	150 - 170
MB-NI-0003	Nickel uncut cathode premium, in-whs Rotterdam, $/tonne	04 Jan 2022	70 - 90	0.00%	Dec 2021	70 - 90
MB-NI-0139	Nickel min 99.8% full plate warrant premium, in-whs East Asia, $/tonne	05 Jan 2022	30 - 45	0.00%	Dec 2021	30 - 43
MB-NI-0137	Nickel min 99.8% full plate warrant premium, in-whs Southeast Asia, $/tonne	05 Jan 2022	30 - 45	0.00%	Dec 2021	30 - 45
MB-NI-0140	Nickel min 99.8% briquette warrant premium, in-whs East Asia, $/tonne	05 Jan 2022	50 - 60	0.00%	Dec 2021	50 - 60
MB-NI-0138	Nickel min 99.8% briquette warrant premium, in-whs Southeast Asia, $/tonne	05 Jan 2022	50 - 60	0.00%	Dec 2021	50 - 60
MB-NI-0141	Nickel min 99.8% warrant premium, in-whs North Europe, $/tonne	05 Jan 2022	50 - 175	0.00%	Dec 2021	38 - 157
MB-NI-0244	Nickel sulfate min 21%, max 22.5%; cobalt 10ppm max, exw China, yuan/tonne	31 Dec 2021	34000 - 35000	0.00%	Dec 2021	34500 - 35300
MB-NI-0246	Nickel sulfate, cif China, Japan and Korea, $/tonne	04 Jan 2022	4898	-1.33%	Dec 2021	4964
MB-NI-0247	Nickel sulfate premium, cif China, Japan and Korea, $/tonne	04 Jan 2022	1900	-17.39%	Dec 2021	2300
MB-NI-0107	Nickel import arbitrage, yuan/tonne	06 Jan 2022	3062.74	108.75%	Dec 2021	1610.79
MB-NI-0106	Nickel import arbitrage, $/tonne	06 Jan 2022	479.38	108.62%	Dec 2021	252.32
MB-NI-0093	Nickel fixing price for LME trade, rand/tonne	06 Jan 2022	326725.63	-2.61%	Dec 2021	319300.16

Nickel ore & laterite ore prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NIO-0001	Nickel ore 1.8% basis 15-20% Fe water content: 30-35% Si:Mg ratio<2 lot size 50,000 tonnes, cif China, $/tonne	31 Dec 2021	115 - 118	0.00%	Dec 2021	116.8 - 120.4
MB-NIO-0002	Laterite ore with 1.5% Ni content, cif China, $/tonne	31 Dec 2021	81 - 83	0.00%	Dec 2021	81 - 83

Lead prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0108	Lead 99.99% ingot premium, cif Southeast Asia, $/tonne	07 Dec 2021	125 - 145	-1.82%	Dec 2021	125 - 145
MB-PB-0107	Lead 99.97% ingot premium, cif Southeast Asia, $/tonne	07 Dec 2021	80 - 110	0.00%	Dec 2021	80 - 110
MB-PB-0084	Lead 99.97% ingot premium, cif Taiwan, $/tonne	29 Dec 2021	100 - 115	0.00%	Dec 2021	100 - 115
MB-PB-0083	Lead 99.99% ingot premium, cif Taiwan, $/tonne	29 Dec 2021	135 - 145	0.00%	Dec 2021	135 - 145
MB-PB-0087	Lead 99.97% ingot premium, cif India, $/tonne	04 Jan 2022	50 - 130	0.00%	Dec 2021	50 - 130
MB-PB-0086	Lead 99.99% ingot premium, cif India, $/tonne	04 Jan 2022	140 - 150	0.00%	Dec 2021	140 - 150
MB-PB-0099	Lead 99.99% ingot premium, delivered Midwest US, US cents/lb	04 Jan 2022	19 - 22	0.00%	Dec 2021	18 - 20.5
MB-PB-0006	Lead 99.97% ingot premium, ddp Midwest US, US cents/lb	04 Jan 2022	17 - 20	0.00%	Dec 2021	16 - 19
MB-PB-0056	Lead 99.97% ingot all-in price, ddp Midwest US, US cents/lb	06 Jan 2022	120.85 - 123.85	-1.92%	Dec 2021	120.1 - 123.1
MB-PB-0109	Lead 99.97% ingot warrant premium, in-whs North Europe, $/tonne	05 Jan 2022	30 - 50	0.00%	Dec 2021	24 - 42
MB-PB-0110	Lead 99.97% ingot warrant premium, in-whs South Europe, $/tonne	05 Jan 2022	30 - 50	0.00%	Dec 2021	24 - 38
MB-PB-0106	Lead min 99.97% ingot warrant premium, in-whs East Asia $/tonne	05 Jan 2022	5 - 20	0.00%	Dec 2021	5 - 20
MB-PB-0105	Lead min 99.97% ingot warrant premium, in-whs Southeast Asia $/tonne	05 Jan 2022	5 - 20	0.00%	Dec 2021	5 - 20
MB-PB-0097	Lead 99.97% ingot warrant premium, in-whs US, $/tonne	05 Jan 2022	20 - 30	0.00%	Dec 2021	20 - 30
MB-PB-0064	Lead fixing price for LME trade, rand/tonne	06 Jan 2022	36549.24	-2.82%	Dec 2021	36595.63

Lead concentrate prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0101	Lead concentrate TC High Silver, Annual Benchmark, $ per tonne	03 Jun 2019	98	0.00%	Dec 2021	98
MB-PB-0100	Lead concentrate TC, low silver, annual benchmark, $/tonne	15 Mar 2018	99	-28.26%	Dec 2021	99
MB-PB-0103	Lead spot concentrate TC, low silver, cif China, $/tonne	31 Dec 2021	55 - 75	0.00%	Dec 2021	55 - 75
MB-PB-0104	Lead spot concentrate TC, high silver, cif China, $/tonne	31 Dec 2021	50 - 70	0.00%	Dec 2021	50 - 70

Tin prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SN-0029	Tin 99.9% low lead ingot premium, in-whs Rotterdam, $/tonne	29 Dec 2021	1500 - 2000	0.00%	Dec 2021	1500 - 2000
MB-SN-0002	Tin 99.9% ingot premium, in-whs Rotterdam, $ per tonne	29 Dec 2021	1000 - 1400	-4.00%	Dec 2021	1050 - 1400
MB-SN-0036	Tin 99.85% ingot premium, in-whs Baltimore, $/tonne	29 Dec 2021	1900 - 2200	0.00%	Dec 2021	1900 - 2200
MB-SN-0038	Tin 99.9% ingot premium, cif Taiwan, $/tonne	29 Dec 2021	350 - 500	21.43%	Dec 2021	325 - 450
MB-SN-0012	Tin grade A min 99.85% ingot all-in price, ddp Midwest US, $/tonne	06 Jan 2022	41725 - 42125	-0.06%	Dec 2021	41668.81 - 42197.38
MB-SN-0011	Tin grade A min 99.85% ingot premium, ddp Midwest US, $/tonne	29 Dec 2021	2100 - 2500	0.00%	Dec 2021	2100 - 2500
MB-SN-0042	Tin min 99.85% ingot warrant premium, in-whs South East Asia, $/tonne	05 Jan 2022	50 - 150	0.00%	Dec 2021	50 - 150
MB-SN-0005	Tin rand fixing price for LME trade, rand/tonne	06 Jan 2022	632552.31	-0.74%	Dec 2021	629447.24

Zinc prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0115	Zinc SHG 99.995% ingot premium, fca Malaysia, $/per tonne	29 Dec 2021	140 - 160	3.45%	Dec 2021	140 - 155
MB-ZN-0113	Zinc SHG 99.995% ingot premium, fca Singapore, $/per tonne	29 Dec 2021	140 - 160	3.45%	Dec 2021	140 - 155
MB-ZN-0093	Zinc SHG min 99.995% ingot premium, cif Southeast Asia, $/tonne	29 Dec 2021	145 - 160	0.00%	Dec 2021	145 - 160
MB-ZN-0116	Zinc SHG 99.995% ingot premium, cif Taiwan $/tonne	29 Dec 2021	150 - 160	0.00%	Dec 2021	150 - 160
MB-ZN-0119	Zinc min 99.995% ingot premium, in-whs Shanghai, $/tonne	04 Jan 2022	80 - 90	0.00%	Dec 2021	77.5 - 87.5
MB-ZN-0106	Zinc SHG min 99.995% ingot premium, cif Shanghai, $/per tonne	04 Jan 2022	80 - 90	0.00%	Dec 2021	77.5 - 87.5
MB-ZN-0102	Zinc SHG min 99.995% ingot premium, ddp Italy, $/per tonne	29 Dec 2021	380 - 420	0.00%	Dec 2021	380 - 420
MB-ZN-0103	Zinc SHG min 99.995% ingot premium, fca dp Italy, $/tonne	29 Dec 2021	350 - 380	0.00%	Dec 2021	350 - 380
MB-ZN-0099	Zinc SHG min 99.995% ingot premium, dp fca Antwerp, $/tonne	04 Jan 2022	290 - 320	7.02%	Dec 2021	260 - 290
MB-ZN-0001	Zinc SHG min 99.995% ingot premium, dp fca Rotterdam, $/tonne	04 Jan 2022	290 - 320	7.02%	Dec 2021	260 - 290
MB-ZN-0082	Zinc SHG min 99.995% ingot premium monthly average, delivered UK, £/tonne	04 Jan 2022	2822	6.57%	Dec 2021	2648
MB-ZN-0005	Zinc SHG min 99.995% ingot premium, ddp Midwest US, US cents/lb	04 Jan 2022	15 - 19	0.00%	Dec 2021	15 - 19
MB-ZN-0061	Zinc SHG min 99.995% ingot all-in price, ddp Midwest US, US cents/lb	06 Jan 2022	177.77 - 181.77	-1.73%	Dec 2021	169.16 - 173.16
MB-ZN-0104	Zinc SHG min 99.995% warrant premium, in-whs US, $/per tonne	05 Jan 2022	10 - 15	0.00%	Dec 2021	10 - 15
MB-ZN-0117	Zinc SHG min 99.995% warrant premium, in-whs North Europe, $/tonne	05 Jan 2022	80 - 100	0.00%	Dec 2021	80 - 100
MB-ZN-0123	Zinc SHG min 99.995% warrant premium, in-whs Southeast Asia, $/tonne	05 Jan 2022	10 - 30	33.33%	Dec 2021	10 - 20
MB-ZN-0083	Zinc import arbitrage, $/tonne	06 Jan 2022	(342.21)		Dec 2021	(243.21)
MB-ZN-0084	Zinc import arbitrage, yuan/tonne	06 Jan 2022	(2186.4)		Dec 2021	(1552.06)
MB-ZN-0072	Zinc rand fixing price for LME trade, rand/tonne	06 Jan 2022	57272.71	-2.51%	Dec 2021	54173.84

Zinc concentrate & zinc alloy prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0121	Zinc concentrate TC spot, delivered South China, yuan/tonne	31 Dec 2021	3650 - 3950	-2.56%	Dec 2021	3650 - 3950
MB-ZN-0120	Zinc concentrate TC spot, delivered North China, yuan/tonne	31 Dec 2021	3950 - 4100	-1.83%	Dec 2021	3950 - 4100
MB-ZN-0110	Zinc spot concentrate TC, cif China, $/per tonne	31 Dec 2021	78 - 100	7.88%	Dec 2021	74 - 97.5
MB-ZN-0111	Zinc concentrate TC annual benchmark, cif China, $/per tonne	24 Jul 2019	245	66.67%	Dec 2021	245

Minor metals prices

Source: dashboard.fastmarkets.com/m/1fa335bf-a37e-4af1-90ad-ddc3eb8d0576

Global cobalt metal & intermediate prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0005	Cobalt standard grade, in-whs Rotterdam, $/lb	06 Jan 2022	33.75 - 34.25	0.00%	Dec 2021	32.78 - 33.56
MB-CO-0004	Cobalt alloy grade, in-whs Rotterdam, $/lb	06 Jan 2022	33.75 - 34.25	0.00%	Dec 2021	32.78 - 33.56
MB-CO-0001	Cobalt 99.8% Co min, ex-works China, yuan/tonne	05 Jan 2022	500000 - 506000	**1.62%**	Dec 2021	474500 - 484800
MB-CO-0017	Cobalt sulfate 20.5% Co basis, exw China, yuan/tonne	05 Jan 2022	102000 - 103000	**0.99%**	Dec 2021	97000 - 98800
MB-CO-0012	Cobalt tetroxide 72.6% Co min, delivered China, yuan/tonne	05 Jan 2022	390000 - 400000	**1.94%**	Dec 2021	367600 - 373000
MB-CO-0020	Cobalt hydroxide index 30% Co min, cif China, $/lb	31 Dec 2021	28.05	**0.11%**	Dec 2021	27.47
MB-CO-0021	Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	05 Jan 2022	88 - 90	0.00%	Dec 2021	88.2 - 90

Europe minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0004	Cobalt alloy grade, in-whs Rotterdam, $/lb	06 Jan 2022	33.75 - 34.25	0.00%	Dec 2021	32.78 - 33.56
MB-CO-0005	Cobalt standard grade, in-whs Rotterdam, $/lb	06 Jan 2022	33.75 - 34.25	0.00%	Dec 2021	32.78 - 33.56
MB-AS-0001	Arsenic 99% min As, in-whs Rotterdam, $/lb	31 Dec 2021	1.4 - 1.7	0.00%	Dec 2021	1.4 - 1.7
MB-SB-0002	Antimony MMTA standard grade II, in-whs Rotterdam, $/tonne	05 Jan 2022	13000 - 13600	0.00%	Dec 2021	12870 - 13560
MB-SB-0001	Antimony max 100 ppm Bi, in-whs Rotterdam, $/tonne	05 Jan 2022	13000 - 13600	**-0.37%**	Dec 2021	12900 - 13600
MB-BI-0001	Bismuth 99.99% Bi min, in-whs Rotterdam, $/lb	05 Jan 2022	3.95 - 4.2	0.00%	Dec 2021	3.95 - 4.2
MB-CR-0001	Chromium alumino-thermic 99% min, in-whs Rotterdam, $/tonne	31 Dec 2021	11900 - 13150	0.00%	Dec 2021	11760 - 12910
MB-GA-0001	Gallium 99.99% Ga min, in-whs Rotterdam, $/kg	05 Jan 2022	390 - 415	0.00%	Dec 2021	390 - 412
MB-GER-0003	Germanium 99.99% Ge, in-whs Rotterdam, $/kg	05 Jan 2022	1400 - 1480	0.00%	Dec 2021	1393 - 1465
MB-IN-0002	Indium 99.99%, in-whs Rotterdam, $/kg	05 Jan 2022	255 - 295	0.00%	Dec 2021	257 - 290.5
MB-MG-0001	Magnesium 99.9%, in-whs Rotterdam, $/tonne	31 Dec 2021	8100 - 8700	0.00%	Dec 2021	8060 - 8620
MB-MN-0001	Manganese 99.7% electrolytic manganese flake, in-whs Rotterdam, $/tonne	05 Jan 2022	7400 - 7600	**1.35%**	Dec 2021	7290 - 7590
MB-RE-0001	Rhenium APR catalytic grade, in-whs dup Rotterdam, $/kg	31 Dec 2021	890 - 1100	0.00%	Dec 2021	890 - 1100
MB-RE-0002	Rhenium metal pellets 99.9% Re min, in-whs dup, Rotterdam $/lb	31 Dec 2021	360 - 700	0.00%	Dec 2021	360 - 700
MB-SE-0002	Selenium 99.5% Se min, in-whs Rotterdam, $/lb	05 Jan 2022	9.7 - 11	0.00%	Dec 2021	9.7 - 10.94
MB-SI-0004	Silicon grade 5-5-3 98.5% Si min, in-whs Rotterdam, €/tonne	31 Dec 2021	5000 - 6000	0.00%	Dec 2021	5300 - 6000
MB-SI-0001	Silicon grade 4-4-1 99% Si min, in-whs Rotterdam, €/tonne	31 Dec 2021	5500 - 6500	0.00%	Dec 2021	5500 - 6500
MB-TE-0001	Tellurium 99.9-99.99% Te min, in-whs Rotterdam, $/kg	05 Jan 2022	60 - 75	0.00%	Dec 2021	60.6 - 73.5

China minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0001	Cobalt 99.8% Co min, ex-works China, yuan/tonne	05 Jan 2022	500000 - 506000	**1.62%**	Dec 2021	474500 - 484800

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0021	Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	05 Jan 2022	88 - 90	0.00%	Dec 2021	88.2 - 90
MB-CO-0020	Cobalt hydroxide index 30% Co min, cif China, $/lb	31 Dec 2021	28.05	0.11%	Dec 2021	27.47
MB-CO-0017	Cobalt sulfate 20.5% Co basis, exw China, yuan/tonne	05 Jan 2022	102000 - 103000	0.99%	Dec 2021	97000 - 98800
MB-CO-0012	Cobalt tetroxide 72.6% Co min, delivered China, yuan/tonne	05 Jan 2022	390000 - 400000	1.94%	Dec 2021	367600 - 373000
MB-SB-0003	Antimony MMTA standard grade II, ddp China, yuan/tonne	31 Dec 2021	73000 - 74000	0.00%	Dec 2021	73000 - 74000
MB-BI-0002	Bismuth 99.99% Bi min, in-whs China, yuan/tonne	31 Dec 2021	44500 - 45000	0.00%	Dec 2021	44800 - 45300
MB-GA-0002	Gallium 99.99% Ga min, in-whs China, yuan/kg	31 Dec 2021	2350 - 2450	0.00%	Dec 2021	2372 - 2450
MB-GER-0004	Germanium 99.999% Ge min, in-whs China, yuan/kg	31 Dec 2021	9200 - 9450	0.00%	Dec 2021	9180 - 9450
MB-GER-0001	Germanium dioxide, in-whs China, $/kg	05 Jan 2022	920 - 955	0.00%	Dec 2021	912 - 955
MB-IN-0003	Indium 99.99%, exw China, yuan/kg	31 Dec 2021	1460 - 1490	-1.67%	Dec 2021	1508 - 1542
MB-MG-0002	Magnesium 99.9% Mg min, fob China main ports, $/tonne	31 Dec 2021	8000 - 8300	0.00%	Dec 2021	7180 - 7400
MB-MG-0003	Magnesium 99.9%, exw China, yuan/tonne	31 Dec 2021	49000 - 50000	0.00%	Dec 2021	43000 - 44400
MB-MN-0007	Manganese 99.7% electrolytic manganese flake, fob China, $/tonne	31 Dec 2021	6300 - 6600	4.88%	Dec 2021	6260 - 6500
MB-SI-0002	Silicon export 98.5% Si min, fob China, $/tonne	31 Dec 2021	3150 - 3300	0.00%	Dec 2021	3180 - 3360
MB-SE-0003	Selenium 99.9% Se min, in-whs China, yuan/kg	31 Dec 2021	130 - 180	0.00%	Dec 2021	130 - 183
MB-TE-0002	Tellurium 99.99% Te min, in-whs China, yuan/kg	31 Dec 2021	450 - 460	0.00%	Dec 2021	458 - 465
MB-TA-0001	Tantalite, basis 25% min Ta2O5, cif China, $ per lb Ta2O5	31 Dec 2021	78 - 83	0.00%	Dec 2021	76.4 - 81.6

US minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CR-0002	Chromium alumino-thermic 99% min ex-US warehouse $/lb	06 Jan 2022	4.85 - 5	0.00%	Dec 2021	4.85 - 5
MB-SI-0003	Silicon, ddp US, US cents/lb	06 Jan 2022	475 - 500	0.00%	Dec 2021	468 - 496
MB-TI-0007	Titanium plate commercially pure, fob shipping point US, $/lb	12 Oct 2021	11 - 13	0.00%	Dec 2021	11 - 13
MB-TI-0006	Titanium bar alloy AMS 4928, fob shipping point US, $/lb	12 Oct 2021	24 - 25	0.00%	Dec 2021	24 - 25
MB-TI-0004	Titanium ingot 6Al-4V, fob shipping point US, $/lb	12 Oct 2021	8 - 8.5	0.00%	Dec 2021	8 - 8.5
MB-TI-0008	Titanium sheet commercially pure, fob shipping point US, $/lb	12 Oct 2021	13 - 15	0.00%	Dec 2021	13 - 15
MB-TI-0005	Titanium plate alloy AMS 4911, fob shipping point US, $/lb	12 Oct 2021	27 - 28	0.00%	Dec 2021	27 - 28

Global location minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CD-0001	Cadmium 99.95% min, cif global ports, cents/lb	05 Jan 2022	125 - 140	0.00%	Dec 2021	125 - 138.8
MB-CD-0002	Cadmium 99.99% min, cif global ports, cents/lb	05 Jan 2022	130 - 140	0.00%	Dec 2021	130 - 140
MB-HF-0001	Hafnium, max 1% Zr, in-whs global locations, $/kg	31 Dec 2021	900 - 1100	0.00%	Dec 2021	900 - 1083.33

Non-ferrous scrap prices

Source: dashboard.fastmarkets.com/m/3ca714c4-9cae-418e-9e78-581721ebe93d

US aluminium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0364	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	81	0.00%	Dec 2021	70.5
MB-AL-0370	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	53	0.00%	Dec 2021	50.5
MB-AL-0371	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	57	0.00%	Dec 2021	58.5
MB-AL-0367	Aluminum scrap litho sheets, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	95	0.00%	Dec 2021	91
MB-AL-0372	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	66	0.00%	Dec 2021	63
MB-AL-0037	Aluminum scrap segregated low copper alloy clips 3105, mills specialty consumers' buying price, delivered consumer US, US cents/lb	06 Jan 2022	101 - 104	**0.99%**	Dec 2021	92 - 94.6
MB-AL-0369	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	65	0.00%	Dec 2021	64
MB-AL-0366	Aluminum scrap industrial castings, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	55	0.00%	Dec 2021	51.5
MB-AL-0365	Aluminum scrap aluminum borings, turnings, clean & dry, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	27	0.00%	Dec 2021	27
MB-AL-0031	Aluminum scrap turnings clean dry high grade buying price, delivered to Midwest secondary smelters, US cents/lb	06 Jan 2022	69 - 73	0.00%	Dec 2021	68.4 - 72.4
MB-AL-0032	Aluminum scrap turnings clean dry mixed grade (max 5% Zn) buying price, delivered to Midwest secondary smelters, US cents/lb	06 Jan 2022	58 - 62	0.00%	Dec 2021	58 - 62
MB-AL-0033	Aluminum scrap aluminium-copper radiators buying price, delivered to Midwest secondary smelters, US cents/lb	06 Jan 2022	200 - 210	0.00%	Dec 2021	199 - 209
MB-AL-0030	Aluminum scrap old cast buying price, delivered to Midwest secondary smelters, US cents/lb	06 Jan 2022	68 - 72	0.00%	Dec 2021	68 - 72
MB-AL-0029	Aluminum scrap old sheet buying price, delivered to Midwest secondary smelters, US cents/lb	06 Jan 2022	69 - 72	0.00%	Dec 2021	69 - 72
MB-AL-0027	Aluminum scrap siding buying price, delivered Midwest secondary smelters, US cents/lb	06 Jan 2022	71 - 74	0.00%	Dec 2021	71 - 74
MB-AL-0368	Aluminum scrap mixed clips, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	63	0.00%	Dec 2021	61.5
MB-AL-0028	Aluminum scrap mixed clips buying price, delivered to Midwest secondary smelters, US cents/lb	06 Jan 2022	66 - 70	0.00%	Dec 2021	64.8 - 68.4
MB-AL-0024	Aluminum scrap mixed high copper clips, buying price, delivered Midwest secondary smelters, US cents/lb	06 Jan 2022	71 - 75	0.00%	Dec 2021	70 - 74
MB-AL-0038	Aluminum scrap mixed low copper clips, specialty consumers' buying price, delivered consumer US, US cents/lb	06 Jan 2022	99 - 103	**1.00%**	Dec 2021	90.4 - 94.2
MB-AL-0023	Aluminum scrap mixed low copper clips, buying price, delivered Midwest secondary smelters, US cents/lb	06 Jan 2022	73 - 77	0.00%	Dec 2021	72.6 - 76.6
MB-AL-0025	Aluminum scrap mixed high zinc clips buying price, delivered Midwest secondary smelters, US cents/lb	06 Jan 2022	64 - 68	0.00%	Dec 2021	64 - 68
MB-AL-0026	Aluminum scrap 1-1-3 sows buying price, delivered Midwest secondary smelters, US cents/lb	06 Jan 2022	73 - 75	0.00%	Dec 2021	73 - 75

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0036	Aluminum scrap segregated low copper alloy clips 5052, mills specialty consumers' buying price, fob shipping point US, US cents/lb	06 Jan 2022	140 - 142	**1.44%**	Dec 2021	129.4 - 133.6
MB-AL-0039	Aluminum scrap painted siding, specialty consumers' buying price, delivered consumer US, US cents/lb	06 Jan 2022	97 - 100	**2.07%**	Dec 2021	88 - 91.4
MB-AL-0373	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	57	0.00%	Dec 2021	53.5
MB-AL-0035	Aluminum scrap used beverage cans, domestic aluminum producer buying price, fob shipping point US, US cents/lb	06 Jan 2022	93 - 95	**2.73%**	Dec 2021	84.2 - 87.2
MB-AL-0034	Aluminum scrap non-ferrous auto shred (90% Al) buying price, delivered to Midwest secondary smelters, US cents/lb	06 Jan 2022	78 - 82	0.00%	Dec 2021	75.6 - 78.8
MB-AL-0375	Zorba 95/3 min, basis delivered US facility, US cents/lb	06 Jan 2022	63 - 64	0.00%	Dec 2021	63.2 - 64.4
MB-AL-0161	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	177	**10.63%**	Dec 2021	160
MB-AL-0117	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	43	0.00%	Dec 2021	43
MB-AL-0101	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	20	0.00%	Dec 2021	20
MB-AL-0118	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	75	**2.74%**	Dec 2021	73
MB-AL-0102	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	50	0.00%	Dec 2021	50
MB-AL-0160	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	75	0.00%	Dec 2021	75
MB-AL-0085	Aluminum scrap mixed clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	50	0.00%	Dec 2021	50
MB-AL-0054	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	125	**9.65%**	Dec 2021	113.5
MB-AL-0149	Aluminum scrap industrial castings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	45	0.00%	Dec 2021	45
MB-AL-0150	Aluminum scrap industrial castings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	75	**11.94%**	Dec 2021	67
MB-AL-0133	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	15	0.00%	Dec 2021	15
MB-AL-0134	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	98	**6.52%**	Dec 2021	92
MB-AL-0203	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	47	0.00%	Dec 2021	47
MB-AL-0204	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	96	**5.49%**	Dec 2021	90
MB-AL-0070	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	103	**14.44%**	Dec 2021	91.5
MB-AL-0069	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	45	0.00%	Dec 2021	45
MB-AL-0053	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	60	0.00%	Dec 2021	60

Canadian aluminium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0161	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	177	10.63%	Dec 2021	160
MB-AL-0117	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	43	0.00%	Dec 2021	43
MB-AL-0101	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	20	0.00%	Dec 2021	20
MB-AL-0118	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	75	2.74%	Dec 2021	73
MB-AL-0102	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	50	0.00%	Dec 2021	50
MB-AL-0160	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	75	0.00%	Dec 2021	75
MB-AL-0085	Aluminum scrap mixed clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	50	0.00%	Dec 2021	50
MB-AL-0054	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	125	9.65%	Dec 2021	113.5
MB-AL-0149	Aluminum scrap industrial castings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	45	0.00%	Dec 2021	45
MB-AL-0150	Aluminum scrap industrial castings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	75	11.94%	Dec 2021	67
MB-AL-0133	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	15	0.00%	Dec 2021	15
MB-AL-0134	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	98	6.52%	Dec 2021	92
MB-AL-0203	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	47	0.00%	Dec 2021	47
MB-AL-0204	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	96	5.49%	Dec 2021	90
MB-AL-0070	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	103	14.44%	Dec 2021	91.5
MB-AL-0069	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	45	0.00%	Dec 2021	45
MB-AL-0053	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	60	0.00%	Dec 2021	60

European aluminium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0286	Aluminium scrap group 7 turnings, LME discount, delivered consumer works, UK, £/tonne	05 Jan 2022	860 - 900	-10.30%	Dec 2021	1043.6 - 1083.6
MB-AL-0015	Aluminium scrap group 7 turnings, delivered consumer UK, £/tonne	05 Jan 2022	730 - 770	1.35%	Dec 2021	720 - 760
MB-AL-0012	Aluminium scrap commercial turnings, delivered consumer UK, £/tonne	05 Jan 2022	860 - 920	1.14%	Dec 2021	854 - 914
MB-AL-0285	Aluminium scrap commercial turnings, LME discount, delivered consumer UK, £/tonne	05 Jan 2022	710 - 770	-12.01%	Dec 2021	889.6 - 949.6
MB-AL-0010	Aluminium scrap commercial cast, delivered consumer UK, £/tonne	05 Jan 2022	1180 - 1230	0.42%	Dec 2021	1168 - 1228
MB-AL-0283	Aluminium scrap commercial cast, LME discount, delivered consumer UK, £/tonne	05 Jan 2022	400 - 450	-18.43%	Dec 2021	575.6 - 635.6
MB-AL-0011	Aluminium scrap commercial pure cuttings, delivered consumer UK, £/tonne	05 Jan 2022	1220 - 1260	2.48%	Dec 2021	1190 - 1230

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0279	Aluminium scrap commercial pure cuttings, LME discount, delivered consumer UK, £/tonne	05 Jan 2022	835 - 875	-5.11%	Dec 2021	792.2 - 832.2
MB-AL-0017	Aluminium scrap LM6/LM25 gravity diecasting ingot, delivered consumer UK, £/tonne	05 Jan 2022	2420 - 2500	0.82%	Dec 2021	2400 - 2480
MB-AL-0284	Aluminium scrap cast wheels, LME discount, delivered consumer UK, £/tonne	05 Jan 2022	(50) - 0		Dec 2021	135.6 - 191.6
MB-AL-0007	Aluminium scrap cast wheels, delivered consumer UK, £/tonne	05 Jan 2022	1630 - 1680	0.30%	Dec 2021	1612 - 1668
MB-AL-0008	Aluminium scrap cast, delivered consumer Europe, €/tonne	31 Dec 2021	1530 - 1580	0.00%	Dec 2021	1530 - 1580
MB-AL-0278	Aluminium scrap group 1 pure 99% & litho, LME discount, delivered consumer UK, £/tonne	05 Jan 2022	165 - 215	-12.04%	Dec 2021	124.2 - 174.2
MB-AL-0014	Aluminium scrap group 1 pure 99% & litho, delivered consumer UK, £/tonne	05 Jan 2022	1880 - 1930	0.53%	Dec 2021	1848 - 1898
MB-AL-0281	Aluminium scrap loose old rolled cuttings, LME discount, delivered consumer UK, £/tonne	05 Jan 2022	620 - 670	-13.54%	Dec 2021	815.6 - 853.6
MB-AL-0018	Aluminium scrap loose old rolled cuttings, delivered consumer UK, £/tonne	05 Jan 2022	960 - 1010	1.03%	Dec 2021	950 - 988
MB-AL-0282	Aluminium scrap baled old rolled, LME discount, delivered consumer UK, £/tonne	05 Jan 2022	540 - 580	-16.54%	Dec 2021	739.6 - 779.6
MB-AL-0006	Aluminium scrap baled old rolled, delivered consumer UK, £/tonne	05 Jan 2022	1050 - 1090	1.90%	Dec 2021	1024 - 1064
MB-AL-0280	Aluminium scrap clean HE9 extrusions, LME discount, delivered consumer UK, £/tonne	05 Jan 2022	165 - 215	-12.04%	Dec 2021	122.2 - 172.2
MB-AL-0013	Aluminium scrap floated frag, delivered consumer Europe, €/tonne	31 Dec 2021	1550 - 1620	0.00%	Dec 2021	1550 - 1620
MB-AL-0019	Aluminium scrap mixed turnings, delivered consumer Europe, €/tonne	31 Dec 2021	1320 - 1380	0.00%	Dec 2021	1320 - 1380
MB-AL-0009	Aluminium scrap clean HE9 extrusions, delivered consumer UK, £/tonne	05 Jan 2022	1880 - 1930	0.53%	Dec 2021	1850 - 1900
MB-AL-0016	Aluminium scrap LM24 pressure diecasting ingot, delivered consumer UK, £/tonne	05 Jan 2022	1990 - 2040	0.50%	Dec 2021	1980 - 2038

Secondary aluminium alloy prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0005	Aluminium pressure diecasting ingot DIN226/A380, delivered Europe, €/tonne	31 Dec 2021	2300 - 2350	0.00%	Dec 2021	2288 - 2350
MB-AL-0040	Aluminum alloy A380.1, delivered Midwest, US cents/lb	06 Jan 2022	142 - 147	1.40%	Dec 2021	140 - 144.2
MB-AL-0233	Aluminum alloy A380.1, delivered Midwest, $/lb	06 Jan 2022	1.42 - 1.47	1.40%	Dec 2021	
MB-AL-0041	Aluminum alloy 319.1, delivered Midwest, cents/lb	06 Jan 2022	151 - 153	0.33%	Dec 2021	146.2 - 150.2
MB-AL-0042	Aluminum alloy 356.1, delivered Midwest, cents/lb	06 Jan 2022	176 - 180	0.28%	Dec 2021	170 - 175
MB-AL-0043	Aluminum alloy A360.1, delivered Midwest, cents/lb	06 Jan 2022	177 - 181	0.00%	Dec 2021	174.2 - 178.8
MB-AL-0044	Aluminum alloy A413.1, delivered Midwest, cents/lb	06 Jan 2022	183 - 187	0.54%	Dec 2021	178.6 - 181.2
MB-AL-0292	Aluminium ingot ADC 12 spot (MJP), cfr Japan, $/tonne	05 Jan 2022	2400 - 2450	0.00%	Dec 2021	2460 - 2540
MB-AL-0350	Aluminium ingot ADC 12, exw dp China, yuan/tonne	05 Jan 2022	20000 - 20500	0.75%	Dec 2021	19780 - 20260

Copper scrap No1 & No2 prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0417	Copper scrap No1 heavy copper & wire, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	360	0.00%	Dec 2021	360

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0295	Copper scrap No1 copper, discount, buying price, delivered to brass ingot makers, US cents/lb	05 Jan 2022	(23) - (20)		Dec 2021	(25.4) - (21.8)
MB-CU-0292	Copper scrap No1 copper, discount, buying price, delivered to refiners, US cents/lb	05 Jan 2022	(16) - (10)		Dec 2021	(20) - (16)
MB-CU-0291	Copper scrap No1 copper, discount, buying price, delivered to brass mill US, US cents/lb	05 Jan 2022	(12) - (9)		Dec 2021	(13.8) - (10.8)
MB-CU-0294	Copper scrap No1 bare bright, discount, buying price, delivered to brass ingot makers, US cents/lb	05 Jan 2022	(9) - (7)		Dec 2021	(13) - (10.2)
MB-CU-0305	Copper scrap No1 bare bright, buying price, delivered to brass ingot makers, US cents/lb	06 Jan 2022	426 - 428	-1.39%	Dec 2021	419.9 - 422.67
MB-CU-0306	Copper scrap No1 copper, buying price, delivered to brass ingot makers, US cents/lb	06 Jan 2022	412 - 415	-1.43%	Dec 2021	407.24 - 410.95
MB-CU-0302	Copper scrap No1 copper, buying price, delivered to brass mill US, US cents/lb	06 Jan 2022	424.5	-1.39%	Dec 2021	420.45
MB-CU-0298	Copper scrap No1 comp solids, buying price, delivered to brass ingot makers, US cents/lb	05 Jan 2022	335 - 338	0.90%	Dec 2021	331 - 334.4
MB-CU-0303	Copper scrap No1 copper, buying price, delivered to refiners, US cents/lb	06 Jan 2022	422	-1.40%	Dec 2021	415.1
MB-CU-0010	Copper scrap No1 heavy copper & wire, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	483	3.21%	Dec 2021	470.5
MB-CU-0009	Copper scrap No1 heavy copper & wire, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	330	0.00%	Dec 2021	330
MB-CU-0512	No1 copper material, RCu-2A,1B (candy/berry), cif China, LME/Comex discount, US cents per lb	27 Dec 2021	9 - 13	0.00%	Dec 2021	9 - 13
MB-CU-0360	No2 copper material, RCu-2B (birch/cliff), cif China, LME/Comex discount, US cents per lb	27 Dec 2021	24 - 28	0.00%	Dec 2021	24 - 28
MB-CU-0025	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	293	0.00%	Dec 2021	293
MB-CU-0418	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	335	0.00%	Dec 2021	335
MB-CU-0304	Copper scrap No2 copper, buying price, delivered to refiners, US cents/lb	06 Jan 2022	387.5	-1.52%	Dec 2021	380.45
MB-CU-0307	Copper scrap No2 copper, buying price, delivered to brass ingot makers, US cents/lb	06 Jan 2022	381 - 385	-1.54%	Dec 2021	377.67 - 380.24
MB-CU-0293	Copper scrap No2 copper, discount, buying price, delivered to refiners, US cents/lb	05 Jan 2022	(50) - (45)		Dec 2021	(53.8) - (50.8)
MB-CU-0296	Copper scrap No2 copper, discount, buying price, delivered to brass ingot makers, US cents/lb	05 Jan 2022	(54) - (50)		Dec 2021	(55.2) - (52.4)
MB-CU-0026	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	455	2.02%	Dec 2021	446

US copper scrap solids, turnings, light, radiators & clips prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0421	Copper scrap yellow brass solids, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	218	0.00%	Dec 2021	211.5
MB-CU-0301	Copper scrap yellow brass solids, buying price, delivered to brass ingot makers, US cents/lb	05 Jan 2022	275 - 280	0.00%	Dec 2021	269 - 277
MB-CU-0416	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	203	0.00%	Dec 2021	193.5
MB-CU-0414	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	190	0.00%	Dec 2021	180

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0300	Copper scrap radiators, buying price, delivered to brass ingot makers, US cents/lb	05 Jan 2022	255 - 258	0.00%	Dec 2021	254.4 - 257.4
MB-CU-0413	Copper scrap 70-30 brass clips, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	250	0.00%	Dec 2021	251.5
MB-CU-0415	Copper scrap light copper, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	300	0.00%	Dec 2021	300
MB-CU-0297	Copper scrap light copper, discount, buying price, delivered to brass ingot makers, US cents/lb	05 Jan 2022	(58) - (55)		Dec 2021	(60.4) - (56.8)
MB-CU-0308	Copper scrap light copper, buying price, delivered to brass ingot makers, US cents/lb	06 Jan 2022	377 - 380	-1.56%	Dec 2021	372.24 - 375.95
MB-CU-0299	Copper scrap comp borings, turnings, buying price, delivered to brass ingot makers, US cents/lb	05 Jan 2022	320 - 323	0.00%	Dec 2021	317 - 321.2
MB-CU-0419	Copper scrap red brass solids, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	267	0.00%	Dec 2021	260
MB-CU-0420	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	235	0.00%	Dec 2021	230

Canadian copper scrap solids, turnings, light, radiators & clips prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0119	Copper scrap yellow brass solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	175	0.00%	Dec 2021	175
MB-CU-0120	Copper scrap yellow brass solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	322	0.63%	Dec 2021	320
MB-CU-0135	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	100	0.00%	Dec 2021	100
MB-CU-0136	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	284	0.00%	Dec 2021	284
MB-CU-0196	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	150	0.00%	Dec 2021	150
MB-CU-0197	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	291	0.34%	Dec 2021	290
MB-CU-0181	Copper scrap 70-30 brass clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	180	0.00%	Dec 2021	180
MB-CU-0042	Copper scrap light copper, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	482	2.55%	Dec 2021	470
MB-CU-0041	Copper scrap light copper, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	265	0.00%	Dec 2021	265
MB-CU-0058	Copper scrap red brass solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	397	0.76%	Dec 2021	394
MB-CU-0073	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	110	0.00%	Dec 2021	110
MB-CU-0074	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	392	1.29%	Dec 2021	387
MB-CU-0057	Copper scrap red brass solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	200	0.00%	Dec 2021	200

Chicago nickel scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0202	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	29 Dec 2021	480 - 525	-3.27%	Dec 2021	483 - 523.33
MB-NI-0198	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	29 Dec 2021	128 - 132	0.00%	Dec 2021	126.67 - 131.67
MB-NI-0152	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	205 - 210	1.22%	Dec 2021	200 - 210
MB-NI-0197	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Chicago, US cents/lb	29 Dec 2021	575 - 630	-3.60%	Dec 2021	581.67 - 633.33
MB-NI-0154	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	330 - 365	2.21%	Dec 2021	320 - 360
MB-NI-0151	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	130 - 135	-0.38%	Dec 2021	131 - 135
MB-NI-0200	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	29 Dec 2021	290 - 305	-2.30%	Dec 2021	292 - 305.67
MB-NI-0199	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	29 Dec 2021	190 - 195	-1.28%	Dec 2021	188.33 - 196.67
MB-NI-0150	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	87 - 93	-0.55%	Dec 2021	90 - 91
MB-NI-0149	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	400 - 410	-2.41%	Dec 2021	390 - 440
MB-NI-0155	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	30 - 34	-5.88%	Dec 2021	29 - 39
MB-NI-0201	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	29 Dec 2021	280 - 305	-4.10%	Dec 2021	286.67 - 305.67
MB-NI-0153	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	180 - 210	-4.88%	Dec 2021	200 - 210
MB-NI-0193	Nickel scrap nickel turnings, broker buying price, delivered to yard Chicago, US cents/lb	29 Dec 2021	725 - 820	-5.21%	Dec 2021	745 - 818.33
MB-NI-0145	Nickel scrap nickel turnings, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	525 - 580	4.25%	Dec 2021	490 - 570
MB-NI-0192	Nickel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	29 Dec 2021	765 - 855	-4.14%	Dec 2021	793.33 - 855
MB-NI-0144	Nickel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	560 - 600	1.75%	Dec 2021	545 - 595
MB-NI-0196	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	29 Dec 2021	400 - 536	-6.96%	Dec 2021	453.67 - 522.33
MB-NI-0148	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	330 - 360	0.73%	Dec 2021	325 - 360
MB-NI-0194	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	29 Dec 2021	500 - 576	0.00%	Dec 2021	508.33 - 561
MB-NI-0146	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	360 - 370	2.10%	Dec 2021	345 - 370
MB-NI-0195	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Chicago, US cents/lb	29 Dec 2021	350 - 466	5.15%	Dec 2021	336.67 - 446
MB-NI-0147	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	250 - 260	2.00%	Dec 2021	220 - 280
MB-NI-0203	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	29 Dec 2021	44 - 51	9.20%	Dec 2021	42 - 50.67

Detroit nickel scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0212	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	29 Dec 2021	290 - 305	-2.94%	Dec 2021	293.67 - 305.67
MB-NI-0162	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	80 - 95	-3.31%	Dec 2021	90 - 91
MB-NI-0167	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	30 - 36	10.00%	Dec 2021	29 - 31
MB-NI-0214	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	29 Dec 2021	480 - 525	-5.10%	Dec 2021	491.33 - 523.33
MB-NI-0211	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	29 Dec 2021	190 - 195	-3.51%	Dec 2021	193 - 196.67
MB-NI-0164	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	180 - 215	-3.66%	Dec 2021	200 - 210
MB-NI-0161	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	368 - 450	-1.45%	Dec 2021	390 - 440
MB-NI-0210	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	29 Dec 2021	127 - 132	-2.26%	Dec 2021	129.33 - 131.67
MB-NI-0209	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Detroit, US cents/lb	29 Dec 2021	575 - 630	-5.79%	Dec 2021	591.33 - 633.33
MB-NI-0166	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	290 - 365	-4.38%	Dec 2021	325 - 360
MB-NI-0163	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	115 - 140	-4.85%	Dec 2021	133 - 135
MB-NI-0213	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	29 Dec 2021	280 - 305	-5.49%	Dec 2021	291.33 - 305
MB-NI-0165	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	173 - 215	-5.37%	Dec 2021	200 - 210
MB-NI-0205	Nickel scrap nickel turnings, broker buying price, delivered to yard Detroit, US cents/lb	29 Dec 2021	725 - 820	-5.74%	Dec 2021	761.33 - 818.33
MB-NI-0157	Nickel scrap nickel turnings, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	420 - 580	-7.83%	Dec 2021	515 - 570
MB-NI-0204	Nickel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	29 Dec 2021	765 - 840	-3.83%	Dec 2021	793 - 836.67
MB-NI-0156	Nickel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	438 - 600	-7.73%	Dec 2021	545 - 580
MB-NI-0208	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	29 Dec 2021	400 - 530	-8.73%	Dec 2021	458 - 520
MB-NI-0160	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	265 - 360	-8.76%	Dec 2021	325 - 360
MB-NI-0206	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	29 Dec 2021	500 - 540	-1.79%	Dec 2021	508 - 533.33
MB-NI-0158	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	300 - 370	-6.29%	Dec 2021	345 - 370
MB-NI-0207	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Detroit, US cents/lb	29 Dec 2021	349 - 350	2.95%	Dec 2021	336 - 351.67
MB-NI-0159	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	246 - 280	10.74%	Dec 2021	220 - 255
MB-NI-0215	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	29 Dec 2021	44 - 48	3.37%	Dec 2021	43 - 46

Houston nickel scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0222	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	29 Dec 2021	117 - 118	-0.42%	Dec 2021	112.67 - 123.33
MB-NI-0178	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	365 - 400	-1.80%	Dec 2021	389 - 390
MB-NI-0175	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	135 - 152	12.55%	Dec 2021	100 - 155
MB-NI-0227	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	29 Dec 2021	49 - 50	-7.48%	Dec 2021	49.33 - 54.67
MB-NI-0174	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	85 - 100	15.63%	Dec 2021	75 - 85
MB-NI-0224	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	29 Dec 2021	304 - 305	4.64%	Dec 2021	291.67 - 298.33
MB-NI-0221	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Houston, US cents/lb	29 Dec 2021	634 - 635	8.55%	Dec 2021	612.33 - 613.33
MB-NI-0179	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	25 - 35	1.69%	Dec 2021	29 - 30
MB-NI-0226	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Houston, US cents/lb	29 Dec 2021	524 - 525	8.70%	Dec 2021	488 - 503.33
MB-NI-0223	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	29 Dec 2021	183 - 184	1.94%	Dec 2021	176 - 186.33
MB-NI-0176	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	210 - 236	11.50%	Dec 2021	150 - 250
MB-NI-0173	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	450 - 500	11.76%	Dec 2021	400 - 450
MB-NI-0225	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Houston, US cents/lb	29 Dec 2021	294 - 295	1.90%	Dec 2021	287.33 - 297.33
MB-NI-0177	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	210 - 248	-0.43%	Dec 2021	220 - 240
MB-NI-0217	Nickel scrap nickel turnings, broker buying price, delivered to yard Houston, US cents/lb	29 Dec 2021	724 - 725	2.77%	Dec 2021	676.33 - 741.67
MB-NI-0169	Nickel scrap nickel turnings, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	500 - 540	12.43%	Dec 2021	425 - 500
MB-NI-0216	Nickel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	29 Dec 2021	829 - 830	5.33%	Dec 2021	784.67 - 816.67
MB-NI-0168	Nickel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	585 - 675	26.00%	Dec 2021	400 - 600
MB-NI-0220	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Houston, US cents/lb	29 Dec 2021	574 - 575	6.88%	Dec 2021	528 - 573.33
MB-NI-0172	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	400 - 412	16.17%	Dec 2021	349 - 350
MB-NI-0218	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Houston, US cents/lb	29 Dec 2021	584 - 585	2.10%	Dec 2021	566.33 - 586.67
MB-NI-0170	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	410 - 448	14.55%	Dec 2021	374 - 375
MB-NI-0219	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Houston, US cents/lb	29 Dec 2021	374 - 375	-3.35%	Dec 2021	353 - 416.67
MB-NI-0171	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	260 - 356	7.13%	Dec 2021	250 - 325

Pittsburgh nickel scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0238	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	29 Dec 2021	475 - 525	2.04%	Dec 2021	458.33 - 538.33
MB-NI-0235	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	29 Dec 2021	175 - 195	-1.33%	Dec 2021	175 - 196.67
MB-NI-0188	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	200 - 210	6.49%	Dec 2021	175 - 210
MB-NI-0185	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	370 - 475	0.00%	Dec 2021	370 - 475
MB-NI-0191	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	22 - 40	10.71%	Dec 2021	21 - 35
MB-NI-0187	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	125 - 135	23.81%	Dec 2021	75 - 135
MB-NI-0234	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	29 Dec 2021	127 - 138	-1.12%	Dec 2021	125.67 - 135.33
MB-NI-0239	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	29 Dec 2021	40 - 55	0.00%	Dec 2021	40.67 - 54
MB-NI-0236	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	29 Dec 2021	280 - 305	-0.34%	Dec 2021	278.33 - 305.67
MB-NI-0233	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	29 Dec 2021	575 - 630	-0.82%	Dec 2021	570 - 639.33
MB-NI-0190	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	330 - 400	2.10%	Dec 2021	325 - 390
MB-NI-0186	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	86 - 100	19.23%	Dec 2021	65 - 91
MB-NI-0237	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	29 Dec 2021	280 - 310	0.00%	Dec 2021	278.33 - 310
MB-NI-0189	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	171 - 210	-1.04%	Dec 2021	175 - 210
MB-NI-0229	Nickel scrap nickel turnings, broker buying price, delivered to yard Pittsburgh, US cents/lb	29 Dec 2021	725 - 825	-2.82%	Dec 2021	740.33 - 820
MB-NI-0181	Nickel scrap nickel turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	525 - 625	5.50%	Dec 2021	515 - 575
MB-NI-0228	Nickel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	29 Dec 2021	765 - 850	-2.71%	Dec 2021	788.33 - 840
MB-NI-0180	Nickel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	560 - 650	3.42%	Dec 2021	545 - 625
MB-NI-0232	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	29 Dec 2021	420 - 530	1.60%	Dec 2021	435 - 520
MB-NI-0184	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	280 - 360	-0.78%	Dec 2021	270 - 375
MB-NI-0230	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	29 Dec 2021	440 - 565	-0.99%	Dec 2021	446.67 - 553.33
MB-NI-0182	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	340 - 390	2.10%	Dec 2021	315 - 400
MB-NI-0231	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Pittsburgh, US cents/lb	29 Dec 2021	320 - 425	21.14%	Dec 2021	298.33 - 376.67
MB-NI-0183	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	220 - 301	4.20%	Dec 2021	220 - 280

Lead scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0004	Lead scrap buying price, delivered smelters US, $/cwt	28 Dec 2021	80 - 85	0.00%	Dec 2021	80 - 85
MB-PB-0003	Lead scrap remelt buying price, delivered smelters US, $/cwt	28 Dec 2021	87 - 90	0.00%	Dec 2021	87 - 90
MB-PB-0002	Lead scrap cable buying price, delivered smelters US, $/cwt	28 Dec 2021	86 - 90	0.00%	Dec 2021	86 - 90
MB-PB-0111	Lead scrap heavy soft lead, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	38	0.00%	Dec 2021	38
MB-PB-0112	Lead scrap undrained whole batteries, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	15	0.00%	Dec 2021	15.5
MB-PB-0005	Lead scrap whole batteries buying price, delivered smelters US, $/cwt	28 Dec 2021	26 - 28	0.00%	Dec 2021	26 - 28
MB-PB-0009	Lead scrap heavy soft lead, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	50	0.00%	Dec 2021	50
MB-PB-0010	Lead scrap heavy soft lead, dealer buying price, delivered to yard Toronto, Canadian cents/lb	03 Jan 2022	68	**6.25%**	Dec 2021	64
MB-PB-0033	Lead scrap undrained whole batteries, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	15	0.00%	Dec 2021	16.5

Zinc scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0122	Zinc scrap old zinc scrap, dealer buying price, delivered to yard US, US cents/lb	03 Jan 2022	35	0.00%	Dec 2021	27.5
MB-ZN-0004	Zinc scrap old zinc (clean), buying price, delivered smelters US, US cents/lb	28 Dec 2021	66 - 69	0.00%	Dec 2021	66 - 69
MB-ZN-0003	Zinc scrap new zinc clippings buying price, delivered smelters US, US cents/lb	28 Dec 2021	85 - 88	0.00%	Dec 2021	85 - 88
MB-ZN-0002	Zinc scrap galvanizers dross buying price, delivered smelters US, US cents/lb	28 Dec 2021	84 - 88	0.00%	Dec 2021	84 - 88
MB-ZN-0050	Zinc scrap old zinc, dealer buying price, delivered to yard Montreal, Canadian cents/lb	03 Jan 2022	30	0.00%	Dec 2021	30

Titanium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-TI-0002	Titanium scrap turnings, unprocessed type 90/6/4, 0.5-2% Sn max, cif Europe, $/lb	05 Jan 2022	1.8 - 1.9	0.00%	Dec 2021	1.8 - 1.9
MB-TI-0001	Titanium scrap turnings, unprocessed type 90/6/4, 0.5% Sn max, cif Europe, $/lb	05 Jan 2022	1.8 - 2	0.00%	Dec 2021	1.8 - 2

Ores and alloys prices

Source: dashboard.fastmarkets.com/m/6c3ef6d0-3976-4705-9af1-f3423ca64ee1

Chrome ore and ferro-chrome prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CHO-0002	Chrome ore Turkish lumpy 40-42%, cfr main Chinese ports, $/tonne	04 Jan 2022	300 - 310	0.00%	Dec 2021	290 - 308.75
MB-CHO-0003	Chrome ore South Africa UG2/MG concentrates index, cif China, $/tonne	04 Jan 2022	171	0.00%	Dec 2021	170.75
MB-FEC-0001	Ferro-chrome low phosphorous, min 65% Cr, max 0.015% P, delivered Europe, $/lb	04 Jan 2022	1.77 - 1.99	0.00%	Dec 2021	1.77 - 1.99
MB-FEC-0002	Ferro-chrome low carbon, 65% Cr, max 0.06% C, delivered Europe, $/lb Cr	04 Jan 2022	3.69 - 4.32	0.00%	Dec 2021	3.67 - 4.31
MB-FEC-0003	Ferro-chrome 0.10% C, average 65-70% Cr, delivered Europe, $/lb Cr	04 Jan 2022	3.65 - 4.28	0.00%	Dec 2021	3.63 - 4.27
MB-FEC-0004	Ferro-chrome high carbon 6-8.5% C, basis 60-70% Cr, max 1.5% Si, delivered Europe, $/lb Cr	28 Dec 2021	1.72 - 1.92	0.00%	Dec 2021	1.72 - 1.92
MB-FEC-0005	Ferro-chrome contract 6-8% C, basis 50% Cr, ddp China, yuan/tonne	04 Jan 2022	8195 - 9600	0.00%	Dec 2021	9098.75 - 9600
MB-FEC-0006	Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	04 Jan 2022	8100 - 8400	-1.20%	Dec 2021	8725 - 9000
MB-FEC-0007	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, US cents/lb	06 Jan 2022	210 - 225	1.16%	Dec 2021	202 - 222
MB-FEC-0008	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, US cents/lb	06 Jan 2022	380 - 385	0.00%	Dec 2021	380 - 385
MB-FEC-0009	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, US cents/lb	06 Jan 2022	365 - 375	0.00%	Dec 2021	365 - 375
MB-FEC-0010	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, US cents/lb	06 Jan 2022	355 - 360	0.00%	Dec 2021	355 - 360
MB-FEC-0011	Ferro-chrome 50% Cr import, cif main Chinese ports, $/lb contained Cr	04 Jan 2022	1.07	-6.14%	Dec 2021	1.16
MB-FEC-0012	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, $/lb	06 Jan 2022	2.1 - 2.25	1.40%	Dec 2021	
MB-FEC-0013	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, $/lb	06 Jan 2022	3.8 - 3.85	0.00%	Dec 2021	
MB-FEC-0014	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, $/lb	06 Jan 2022	3.65 - 3.75	0.00%	Dec 2021	
MB-FEC-0015	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, $/lb	06 Jan 2022	3.55 - 3.6	0.00%	Dec 2021	
MB-FEC-0016	Ferro-chrome lumpy Cr charge quarterly, basis 52% Cr (and high carbon), delivered Europe, $/lb Cr (rounded to the closest 2 decimal places)	01 Oct 2021	1.8	15.38%	Dec 2021	1.8
MB-FEC-0017	Ferro-chrome high carbon 57-65% Cr, cif dup Japan, $/lb	30 Dec 2021	1.06 - 1.08	-10.83%	Dec 2021	1.17 - 1.19
MB-FEC-0018	Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, $/lb	30 Dec 2021	1.05 - 1.07	-10.17%	Dec 2021	1.15 - 1.17
MB-FEC-0019	Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, $/lb	04 Jan 2022	1.71	-3.39%	Dec 2021	1.81
MB-FEC-0020	Ferro-chrome high carbon 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, $/lb Cr	04 Jan 2022	1.41 - 1.5	0.00%	Dec 2021	1.42 - 1.5
MB-FEC-0021	Ferro-chrome high carbon 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, $/lb Cr	04 Jan 2022	1.72 - 1.92	0.00%	Dec 2021	1.72 - 1.92

Manganese ore and alloy prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEM-0001	Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, $/long ton	06 Jan 2022	2600 - 2650	0.00%	Dec 2021	2600 - 2650
MB-FEM-0002	Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	06 Jan 2022	315 - 320	0.00%	Dec 2021	315 - 320
MB-FEM-0003	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, US cents/lb	06 Jan 2022	255 - 260	0.00%	Dec 2021	249 - 254
MB-FEM-0004	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, $/lb	06 Jan 2022	2.55 - 2.6	0.00%	Dec 2021	
MB-FEM-0006	Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	31 Dec 2021	1650 - 1750	0.00%	Dec 2021	1670 - 1770
MB-FEM-0007	Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	31 Dec 2021	7200 - 7500	**7.30%**	Dec 2021	6920 - 7060
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, $/dmtu	31 Dec 2021	5.6	**2.94%**	Dec 2021	5.52
MB-MNO-0002	Manganese ore 37% Mn, fob Port Elizabeth, $/dmtu	31 Dec 2021	3.18	**-0.31%**	Dec 2021	3.21
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, $/dmtu	31 Dec 2021	4.5	**-0.22%**	Dec 2021	4.54
MB-MNO-0004	Manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin China, yuan/dmtu	31 Dec 2021	34	0.00%	Dec 2021	33.94
MB-MNO-0005	Manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin China, yuan/dmtu	31 Dec 2021	42.2	**0.48%**	Dec 2021	42.24
MB-SIM-0001	Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	31 Dec 2021	7800 - 8000	**1.94%**	Dec 2021	7680 - 7900
MB-SIM-0002	Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	31 Dec 2021	1600 - 1700	0.00%	Dec 2021	1620 - 1720
MB-SIM-0003	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, US cents/lb	06 Jan 2022	120 - 125	0.00%	Dec 2021	120 - 125
MB-SIM-0005	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, $/lb	06 Jan 2022	1.2 - 1.25	0.00%	Dec 2021	
MB-SIM-0004	Silico-manganese 65% Mn min, min 16% Si, fob India, $/tonne	31 Dec 2021	1425 - 1475	0.00%	Dec 2021	1445 - 1495

Ferro-silicon prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FES-0001	Ferro-silicon 75% Si min, in-whs China, yuan/tonne	05 Jan 2022	9300 - 9500	0.00%	Dec 2021	9360 - 9600
MB-FES-0002	Ferro-silicon 75% Si, in-whs Pittsburgh, US cents/lb	06 Jan 2022	330 - 340	0.00%	Dec 2021	330 - 340
MB-FES-0003	Ferro-silicon 75% Si, in-whs Pittsburgh, $/lb	06 Jan 2022	3.3 - 3.4	0.00%	Dec 2021	
MB-FES-0004	Ferro-silicon 75% Si min export, fob China, $/tonne	05 Jan 2022	2000 - 2050	**-1.22%**	Dec 2021	2070 - 2170
MB-FES-0005	Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	31 Dec 2021	2800 - 3300	0.00%	Dec 2021	3060 - 3460
MB-FES-0006	Ferro-silicon 75% Si min, cif Japan, $/tonne	05 Jan 2022	2030 - 2080	**-1.67%**	Dec 2021	2104 - 2208

Tungsten prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEU-0001	Ferro-tungsten basis 75% W, in-whs dup Rotterdam, $/kg W	05 Jan 2022	36.5 - 38.8	**1.07%**	Dec 2021	36.75 - 38.5
MB-FEU-0003	Ferro-tungsten export, min 75% fob China, $/kg W	05 Jan 2022	38.5 - 40.5	0.00%	Dec 2021	38.1 - 40.1
MB-W-0001	Tungsten APT 88.5% WO3 min cif Rotterdam and Baltimore duty-free, $/mtu WO3	31 Dec 2021	320 - 325	0.00%	Dec 2021	320 - 325
MB-W-0002	Tungsten concentrate 65% WO3, in-whs China, yuan/tonne	05 Jan 2022	113000 - 114000	**1.34%**	Dec 2021	108500 - 109800
MB-W-0003	Tungsten APT 88.5% WO3 min, fob main ports China, $/mtu WO3	05 Jan 2022	315 - 320	0.00%	Dec 2021	313.8 - 319.4

Vanadium & niobium prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEV-0003	Ferro-vanadium 78% V min, fob China, $/kg V	06 Jan 2022	37.79 - 38.81	-0.05%	Dec 2021	37.78 - 38.52
MB-FEV-0001	Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, $/kg V	05 Jan 2022	33 - 33.5	1.53%	Dec 2021	32.28 - 33
MB-FEV-0002	Ferro-vanadium 70-80% V, in-whs Pittsburgh, $/lb	06 Jan 2022	15 - 15.25	0.33%	Dec 2021	14.9 - 15.25
MB-V-0001	Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, $/lb V2O5	31 Dec 2021	8.5 - 9	0.00%	Dec 2021	8.5 - 9
MB-V-0002	Vanadium pentoxide 98% V2O5 min, fob China, $/lb V2O5	06 Jan 2022	8.77 - 8.92	-0.34%	Dec 2021	8.76 - 8.91
MB-V-0004	Vanadium pentoxide 98% V2O5 min, exw China, yuan/tonne	06 Jan 2022	123000 - 125000	-0.60%	Dec 2021	122900 - 125000
MB-V-0003	Vanadium nitrogen, basis 77%V, 16% N, exw China, yuan/tonne	06 Jan 2022	185000 - 190000	-0.27%	Dec 2021	185200 - 188800
MB-FN-0001	Ferro-niobium 63-67% delivered consumer works, dp, Europe $ per kg Nb	05 Jan 2022	44.2 - 45.5	0.00%	Dec 2021	44.32 - 45.7

Ferro-nickel & ferro-titanium prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEN-0003	Ferro-nickel premium/discount, 26-32% Ni contained, cif China, $/tonne	29 Dec 2021	(700) - (300)		Dec 2021	(700) - (300)
MB-FET-0001	Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, $/kg Ti	05 Jan 2022	7.7 - 8	0.00%	Dec 2021	7.7 - 8.04
MB-FET-0002	Ferro-titanium 68-72% Ti, ex-whs US, $/lb	06 Jan 2022	3.6 - 3.85	0.00%	Dec 2021	3.6 - 3.85

Molybdenum prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEO-0001	Ferro-molybdenum 65% Mo min, in-whs Rotterdam, $/kg Mo	05 Jan 2022	44 - 44.8	0.00%	Dec 2021	43.31 - 44.46
MB-FEO-0002	Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, $/lb	06 Jan 2022	20.25 - 21	0.00%	Dec 2021	20.4 - 21.1
MB-FEO-0003	Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, $/lb Mo	05 Jan 2022	18.9 - 19.1	0.00%	Dec 2021	18.84 - 19.05
MB-FEO-0004	Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, $/lb	05 Jan 2022	18.5 - 18.65	0.43%	Dec 2021	18.3 - 18.6
MB-MO-0001	Molybdenum canned molybdic oxide, in-whs Pittsburgh, $/lb	06 Jan 2022	18.9 - 19.5	0.00%	Dec 2021	18.81 - 19.5

Steel prices

Source: dashboard.fastmarkets.com/m/2089d493-5d4f-446e-9c96-317d1b54c262

Hot-rolled steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0028	Steel hot-rolled coil index domestic, exw Northern Europe, €/tonne	06 Jan 2022	902.5	0.00%	Dec 2021	916.4
MB-STE-0046	Steel hot-rolled coil import, cfr main port Northern Europe, €/tonne	05 Jan 2022	800 - 830	0.00%	Dec 2021	832 - 856
MB-STE-0047	Steel hot-rolled coil import, cfr main port Southern Europe, €/tonne	05 Jan 2022	780 - 800	0.00%	Dec 2021	796 - 814
MB-STE-0532	Steel hot-rolled coil domestic, exw Central Europe, €/tonne	05 Jan 2022	800 - 820	0.00%	Dec 2021	804 - 830
MB-STE-0892	Steel hot-rolled coil index domestic, exw Italy, €/tonne	06 Jan 2022	815	0.00%	Dec 2021	840.09
MB-STE-0893	Steel hot-rolled coil domestic, exw Spain, €/tonne	05 Jan 2022	890 - 920	0.00%	Dec 2021	894 - 924
MB-STE-0107	Steel hot-rolled coil export, fob main port Turkey, $/tonne	31 Dec 2021	830 - 850	0.60%	Dec 2021	838 - 852
MB-STE-0105	Steel hot-rolled coil import, cfr main port Turkey, $/tonne	31 Dec 2021	790 - 800	-0.63%	Dec 2021	801 - 820
MB-STE-0108	Steel hot-rolled coil domestic, exw Turkey, $/tonne	31 Dec 2021	830 - 850	1.82%	Dec 2021	828 - 844
MB-STE-0014	Steel hot-rolled coil export, fob Black Sea, CIS, $/tonne	04 Jan 2022	760 - 770	0.00%	Dec 2021	773.75 - 795
MB-STE-0065	Steel hot-rolled sheet domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	04 Jan 2022	76000	0.00%	Dec 2021	75000 - 76250
MB-STE-0468	Steel hot-rolled coil index, fob mill US, $/short ton	06 Jan 2022	1528.4	0.78%	Dec 2021	
MB-STE-0184	Steel hot-rolled coil index, fob mill US, $/cwt	06 Jan 2022	76.42	0.78%	Dec 2021	82.16
MB-STE-0180	Steel hot-rolled coil, import, ddp Houston, $/short ton	05 Jan 2022	1220 - 1300	0.00%	Dec 2021	1260 - 1340
MB-STE-0007	Steel hot-rolled coil domestic monthly, exw Brazil, reais/tonne	10 Dec 2021	5950 - 6040	-0.79%	Dec 2021	5950 - 6040
MB-STE-0133	Steel hot-rolled coil (dry) export, fob main port Latin America, $/tonne	31 Dec 2021	750 - 800	0.00%	Dec 2021	774 - 824
MB-STE-0102	Steel hot-rolled coil import, cfr main ports South America, $/tonne	31 Dec 2021	840 - 890	-1.14%	Dec 2021	864 - 910
MB-STE-0444	Steel hot-rolled coil import, cfr main port India, $/tonne	31 Dec 2021	760 - 765	0.00%	Dec 2021	798 - 803
MB-STE-0445	Steel hot-rolled coil (CR grade) import, cfr main port India, $/tonne	31 Dec 2021	765 - 770	-0.32%	Dec 2021	803 - 810
MB-STE-0442	Steel hot-rolled coil (commodity) export, fob main port India, $/tonne	31 Dec 2021	720 - 755	-1.01%	Dec 2021	750 - 779
MB-STE-0436	Steel hot-rolled coil domestic, ex-whse India, rupees/tonne	31 Dec 2021	64000 - 65000	0.00%	Dec 2021	65800 - 66550
MB-STE-0158	Steel hot-rolled coil domestic, exw Northern China, yuan/tonne	31 Dec 2021	4630 - 4670	-2.41%	Dec 2021	4716 - 4742
MB-STE-0144	Steel hot-rolled coil index export, fob main port China, $/tonne	06 Jan 2022	759.87	-0.22%	Dec 2021	772.92
MB-STE-0154	Steel hot-rolled coil domestic, ex-whs Eastern China, yuan/tonne	06 Jan 2022	4920 - 4950	0.61%	Dec 2021	4853.48 - 4889.57
MB-STE-0139	Steel hot-rolled coil import, cfr Vietnam, $/tonne	31 Dec 2021	760	-0.33%	Dec 2021	780 - 785
MB-STE-0888	Steel hot-rolled coil (Japan, Korea, Taiwan-origin), import, cfr Vietnam, $/tonne	31 Dec 2021	810	0.00%	Dec 2021	822 - 826
MB-STE-0125	Steel hot-rolled coil import, cfr Jebel Ali, UAE, $/tonne	04 Jan 2022	765 - 820	0.00%	Dec 2021	800 - 828.75
MB-STE-0113	Steel hot-rolled coil import, cfr Saudi Arabia, $/tonne	04 Jan 2022	790 - 830	0.00%	Dec 2021	822.5 - 860

Cold-rolled steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0005	Steel cold-rolled coil domestic monthly, exw Brazil, reais/tonne	10 Dec 2021	6500 - 6680	-3.23%	Dec 2021	6500 - 6680

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0012	Steel cold-rolled coil export, fob Black Sea, CIS, $/tonne	04 Jan 2022	895 - 905	0.00%	Dec 2021	902.5 - 927.5
MB-STE-0026	Steel cold-rolled coil domestic, exw Northern Europe, €/tonne	05 Jan 2022	980 - 1030	0.00%	Dec 2021	1018 - 1066
MB-STE-0027	Steel cold-rolled coil domestic, exw Southern Europe, €/tonne	05 Jan 2022	960 - 1000	0.00%	Dec 2021	1014 - 1044
MB-STE-0044	Steel cold-rolled coil import, cfr main port Northern Europe, €/tonne	05 Jan 2022	900 - 920	0.00%	Dec 2021	934 - 954
MB-STE-0045	Steel cold-rolled coil import, cfr main port Southern Europe, €/tonne	05 Jan 2022	880 - 920	0.00%	Dec 2021	914 - 954
MB-STE-0064	Steel cold-rolled sheet domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	04 Jan 2022	83000 - 85000	0.00%	Dec 2021	82500 - 84750
MB-STE-0103	Steel cold-rolled coil import, cfr main ports South America, $/tonne	31 Dec 2021	940 - 980	-0.52%	Dec 2021	943 - 998
MB-STE-0106	Steel cold-rolled coil import, cfr main port Turkey, $/tonne	31 Dec 2021	930 - 935	-0.80%	Dec 2021	937 - 946
MB-STE-0109	Steel cold-rolled coil domestic, exw Turkey, $/tonne	31 Dec 2021	960 - 980	-0.51%	Dec 2021	990 - 1012
MB-STE-0124	Steel cold-rolled coil import, cfr Jebel Ali, UAE, $/tonne	04 Jan 2022	870 - 910	0.00%	Dec 2021	875 - 926.25
MB-STE-0132	Steel cold-rolled coil export, fob main port Latin America, $/tonne	31 Dec 2021	990 - 1000	0.00%	Dec 2021	990 - 1000
MB-STE-0145	Steel cold-rolled coil export, fob China main port, $/tonne	04 Jan 2022	850 - 860	-0.29%	Dec 2021	846.25 - 860
MB-STE-0153	Steel cold-rolled coil domestic, delivered Eastern China domestic, yuan/tonne	31 Dec 2021	5370 - 5430	-1.37%	Dec 2021	5444 - 5500
MB-STE-0181	Steel cold-rolled coil, import, ddp Houston, $/short ton	05 Jan 2022	1420 - 1490	0.00%	Dec 2021	1475 - 1525
MB-STE-0185	Steel cold-rolled coil, fob mill US, $/cwt	06 Jan 2022	98.5	-1.50%	Dec 2021	101.6
MB-STE-0435	Steel cold-rolled coil domestic, ex-whse India, rupees/tonne	31 Dec 2021	68500 - 69500	0.00%	Dec 2021	71800 - 72800
MB-STE-0443	Steel cold-rolled coil import, cfr main port India, $/tonne	31 Dec 2021	785 - 795	-3.07%	Dec 2021	835 - 847
MB-STE-0469	Steel cold-rolled coil, fob mill US, $/short ton	06 Jan 2022	1970	-1.50%	Dec 2021	

Galvanized steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0883	Steel hot-dipped galvanized coil (hot-rolled base), fob mill US, $/cwt	06 Jan 2022	88	-8.33%	Dec 2021	99.4
MB-STE-0780	Steel hot-dipped galvanized export, fob Turkey, $/tonne	31 Dec 2021	1075 - 1100	-1.58%	Dec 2021	1119 - 1132
MB-STE-0434	Steel hot-dipped galvanized coil domestic, ex-whse India, rupees/tonne	31 Dec 2021	74000 - 76000	0.00%	Dec 2021	78200 - 80000
MB-STE-0470	Steel hot-dipped galvanized (base) steel coil, fob mill US, $/short ton	06 Jan 2022	1950	-0.51%	Dec 2021	
MB-STE-0031	Steel hot-dipped galvanized coil domestic, exw Southern Europe, €/tonne	05 Jan 2022	980 - 1020	0.00%	Dec 2021	1022 - 1056
MB-STE-0104	Steel hot-dipped galvanized coil import, cfr main ports South America, $/tonne	31 Dec 2021	1000 - 1030	-0.98%	Dec 2021	1000 - 1046
MB-STE-0091	Steel hot-dipped galvanized coil import, cfr main port Northern Europe, €/tonne	05 Jan 2022	970 - 980	0.00%	Dec 2021	1026 - 1042
MB-STE-0021	Steel hot-dipped galvanized coil domestic, ex-whs Eastern China, yuan/tonne	31 Dec 2021	5580 - 5640	-1.15%	Dec 2021	5646 - 5698
MB-STE-0110	Steel hot-dipped galvanized coil domestic, exw Turkey, $/tonne	31 Dec 2021	1075 - 1090	-0.69%	Dec 2021	1113 - 1126
MB-STE-0048	Steel hot-dipped galvanized coil import, cfr main port Southern Europe, €/tonne	05 Jan 2022	920 - 950	0.00%	Dec 2021	984 - 1018
MB-STE-0030	Steel hot-dipped galvanized coil domestic, exw Northern Europe, €/tonne	05 Jan 2022	1000 - 1050	0.00%	Dec 2021	1038 - 1088
MB-STE-0123	Steel hot-dipped-galvanized coil import, cfr Jebel Ali, UAE, $/tonne	04 Jan 2022	1075 - 1140	0.00%	Dec 2021	1077.5 - 1130
MB-STE-0186	Steel hot-dipped galvanized coil (cold-rolled base), fob mill US, $/cwt	06 Jan 2022	97.5	-0.51%	Dec 2021	100.6

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0006	Steel hot-dipped galvanized coil domestic monthly, exw Brazil, reais/tonne	10 Dec 2021	8055 - 8420	-9.18%	Dec 2021	8055 - 8420
MB-STE-0441	Steel hot-dipped galvanized coil export, fob main port India, $/tonne	31 Dec 2021	930 - 960	0.00%	Dec 2021	1024 - 1048
MB-STE-0182	Steel hot-dipped galvanized 0.012 inch G30, ddp Houston, $/short ton	05 Jan 2022	1640 - 1700	0.00%	Dec 2021	1640 - 1700
MB-STE-0212	Steel hot-dipped galvanized coil 0.03-0.13 inch G90 (cold-rolled base), fob mill US, $/cwt	06 Jan 2022	102	-0.49%	Dec 2021	105.1
MB-STE-0009	Steel galvanized coil 1mm export, fob main port China, $/tonne	04 Jan 2022	900 - 920	0.00%	Dec 2021	898.75 - 920
MB-STE-0111	Steel prepainted galvanized domestic, exw Turkey, $/tonne	31 Dec 2021	1175 - 1200	-0.21%	Dec 2021	1217 - 1234
MB-STE-0187	Steel coil Galvalume, fob mill US, $/cwt	21 Dec 2021	92.5	-8.42%	Dec 2021	92.5
MB-STE-0850	Steel coil Galvalume import, cfr main ports South America, $/tonne	31 Dec 2021	1150 - 1200	0.00%	Dec 2021	1150 - 1200

Steel plate prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0013	Steel heavy plate 8-50mm export, fob Black Sea, CIS, $/tonne	04 Jan 2022	830 - 835	0.00%	Dec 2021	890 - 940
MB-STE-0034	Steel domestic plate 8-40mm, exw Northern Europe, €/tonne	05 Jan 2022	960 - 990	0.00%	Dec 2021	966 - 994
MB-STE-0035	Steel domestic plate 8-40mm, exw Southern Europe, €/tonne	05 Jan 2022	840 - 860	0.00%	Dec 2021	842 - 870
MB-STE-0049	Steel plate (8-40mm) import, cfr main port Northern Europe, €/tonne	05 Jan 2022	820 - 830	0.00%	Dec 2021	848 - 858
MB-STE-0050	Steel plate (8-40mm) import, cfr main port Southern Europe, €/tonne	05 Jan 2022	820 - 850	1.21%	Dec 2021	848 - 858
MB-STE-0101	Steel plate import, cfr main ports South America, $/tonne	31 Dec 2021	890 - 915	-2.43%	Dec 2021	913 - 934
MB-STE-0134	Steel heavy plate (thicker than 10mm) export, fob main port Latin America, $/tonne	31 Dec 2021	850 - 865	0.00%	Dec 2021	853 - 867
MB-STE-0146	Steel heavy plate export, fob China main port, $/tonne	04 Jan 2022	770 - 795	-1.57%	Dec 2021	797.5 - 807.5
MB-STE-0155	Steel plate domestic, delivered whs Eastern China, yuan/tonne	31 Dec 2021	5000 - 5050	-1.28%	Dec 2021	5080 - 5100
MB-STE-0172	Steel cut-to-length plate carbon grade, fob mill US, $/cwt	03 Jan 2022	90.75	0.00%	Dec 2021	90.75
MB-STE-0179	Steel medium plate, import, ddp Houston, $/short ton	05 Jan 2022	1450 - 1500	0.00%	Dec 2021	1475 - 1530
MB-STE-0437	Steel heavy plate domestic, ex-whse India, rupees/tonne	31 Dec 2021	62500 - 64500	0.00%	Dec 2021	65800 - 67600
MB-STE-0439	Steel heavy plate 12-40mm export, fob main port India, $/tonne	31 Dec 2021	780 - 800	1.61%	Dec 2021	791 - 806
MB-STE-0446	Steel heavy plate 10-40mm import, cfr main port India, $/tonne	31 Dec 2021	760 - 770	0.00%	Dec 2021	816 - 827
MB-STE-0467	Steel cut-to-length plate carbon grade, fob mill US, $/short ton	17 Dec 2021	1815	0.00%	Dec 2021	
MB-STE-0514	Steel plate domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	04 Jan 2022	81000 - 83000	0.00%	Dec 2021	80500 - 82000

Reinforcing bar (rebar) prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0008	Steel reinforcing bar (rebar) domestic monthly, delivered Brazil, reais/tonne	10 Dec 2021	4280 - 4600	-7.50%	Dec 2021	4280 - 4600
MB-STE-0015	Steel reinforcing bar (rebar) export, fob Black Sea, CIS, $/tonne	04 Jan 2022	690 - 720	0.00%	Dec 2021	717.5 - 730
MB-STE-0036	Steel reinforcing bar (rebar) domestic, delivered Northern Europe, €/tonne	05 Jan 2022	810 - 850	0.00%	Dec 2021	812 - 844
MB-STE-0037	Steel reinforcing bar (rebar) domestic, delivered Southern Europe, €/tonne	05 Jan 2022	780 - 800	0.00%	Dec 2021	774 - 800
MB-STE-0051	Steel reinforcing bar (rebar) import, cfr main EU port Northern Europe, €/tonne	05 Jan 2022	710 - 760	0.00%	Dec 2021	714 - 760

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0052	Steel reinforcing bar (rebar) import, cfr main EU port Southern Europe, €/tonne	05 Jan 2022	670 - 700	0.00%	Dec 2021	674 - 700
MB-STE-0066	Steel reinforcing bar (rebar) domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	04 Jan 2022	63000 - 65000	0.00%	Dec 2021	62000 - 64000
MB-STE-0073	Steel reinforcing bar (rebar) export, fob main port Southern Europe, €/tonne	05 Jan 2022	740 - 760	0.00%	Dec 2021	732 - 752
MB-STE-0092	Steel reinforcing bar (rebar) domestic, exw Poland, zloty/tonne	31 Dec 2021	3600 - 3800	0.00%	Dec 2021	3600 - 3720
MB-STE-0112	Steel reinforcing bar (rebar) domestic, exw Egypt, E£/tonne	06 Jan 2022	14900 - 15000	-1.16%	Dec 2021	14900 - 15350
MB-STE-0119	Steel reinforcing bar (rebar) export, fob main port Turkey, $/tonne	06 Jan 2022	690 - 700	0.72%	Dec 2021	693 - 705
MB-STE-0126	Steel reinforcing bar (rebar) domestic, exw UAE, dirhams/tonne	04 Jan 2022	2443 - 2470	0.00%	Dec 2021	2439.75 - 2475
MB-STE-0127	Steel reinforcing bar (rebar) import, cfr Jebel Ali, UAE, $/tonne	04 Jan 2022	649 - 667	0.00%	Dec 2021	649 - 667
MB-STE-0142	Steel reinforcing bar (rebar) import, cfr Singapore, $/tonne	03 Jan 2022	705 - 710	-0.35%	Dec 2021	711.25 - 713.75
MB-STE-0147	Steel reinforcing bar (rebar) index export, fob China main port, $/tonne	04 Jan 2022	740	-4.49%	Dec 2021	781.72
MB-STE-0152	Steel reinforcing bar (rebar) domestic, ex-whs Eastern China, yuan/tonne	06 Jan 2022	4720 - 4760	0.00%	Dec 2021	4778.26 - 4809.57
MB-STE-0162	Steel reinforcing bar (rebar) domestic, ex-whs Northern China, yuan/tonne	31 Dec 2021	4500 - 4550	-3.10%	Dec 2021	4642 - 4692
MB-STE-0170	Steel reinforcing bar (rebar), fob mill US, $/cwt	05 Jan 2022	51.5	0.00%	Dec 2021	51.5
MB-STE-0171	Steel reinforcing bar (rebar), import, loaded truck Port of Houston for immediate delivery, $/short ton	05 Jan 2022	960 - 990	0.00%	Dec 2021	966 - 992
MB-STE-0438	Steel rebar domestic, exw India, rupees/tonne	31 Dec 2021	46100 - 46300	1.54%	Dec 2021	45280 - 45480
MB-STE-0465	Steel reinforcing bar (rebar), fob mill US, $/short ton	05 Jan 2022	1030	0.00%	Dec 2021	
MB-STE-0784	Steel reinforcing bar (rebar) domestic, exw Turkey, lira/tonne	06 Jan 2022	10850 - 11000	6.59%	Dec 2021	10903 - 11265

Wire rod prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0017	Steel wire rod (mesh quality) export, fob Black Sea, CIS, $/tonne	04 Jan 2022	730 - 800	0.00%	Dec 2021	728.75 - 800
MB-STE-0042	Steel wire rod (mesh quality) domestic, delivered Northern Europe, €/tonne	05 Jan 2022	820 - 850	0.00%	Dec 2021	818 - 844
MB-STE-0043	Steel wire rod (mesh quality) domestic, delivered Southern Europe, €/tonne	05 Jan 2022	780 - 820	0.00%	Dec 2021	780 - 808
MB-STE-0053	Steel wire rod (mesh quality) import, main port Northern Europe, €/tonne	05 Jan 2022	760 - 780	0.00%	Dec 2021	762 - 780
MB-STE-0054	Steel wire rod (mesh quality) import, main port Southern Europe, €/tonne	05 Jan 2022	750 - 770	0.00%	Dec 2021	750 - 770
MB-STE-0074	Steel wire rod export, fob main port Southern Europe, €/tonne	05 Jan 2022	780 - 790	0.00%	Dec 2021	774 - 790
MB-STE-0120	Steel wire rod (mesh quality) export, fob main port Turkey, $/tonne	06 Jan 2022	790 - 800	0.00%	Dec 2021	790 - 800
MB-STE-0130	Steel wire rod (mesh quality) export, fob main port Latin America, $/tonne	31 Dec 2021	750 - 800	0.00%	Dec 2021	770 - 808
MB-STE-0143	Steel wire rod (low carbon) import, cfr Southeast Asia, $/tonne	03 Jan 2022	710	0.00%	Dec 2021	710
MB-STE-0148	Steel wire rod (mesh quality) export, fob China main port, $/tonne	04 Jan 2022	745 - 750	0.00%	Dec 2021	743.75 - 757.5
MB-STE-0164	Steel wire rod (mesh quality) domestic, ex-whs Eastern China, yuan/tonne	31 Dec 2021	4680 - 4710	-2.69%	Dec 2021	4788 - 4838
MB-STE-0192	Steel wire rod (low carbon) industrial quality, fob mill US, $/cwt	21 Dec 2021	64 - 69	2.31%	Dec 2021	64 - 69

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0193	Steel wire rod (high carbon), fob mill US, $/cwt	21 Dec 2021	73	4.29%	Dec 2021	73
MB-STE-0194	Steel wire rod cold-heading quality, ddp, $/cwt	21 Dec 2021	75	6.38%	Dec 2021	75
MB-STE-0195	Steel wire rod (low carbon) import, loaded truck Port of Houston for immediate delivery, $/short ton	21 Dec 2021	1180 - 1280	-0.81%	Dec 2021	1180 - 1280
MB-STE-0785	Steel wire rod (mesh quality) domestic, exw Turkey, lira/tonne	06 Jan 2022	12500 - 13000	4.08%	Dec 2021	12440 - 12900
MB-STE-0891	Steel wire rod (drawing quality), domestic, delivered Poland, zloty/tonne	31 Dec 2021	3900 - 4000	0.00%	Dec 2021	3900 - 3950

Steel beams, sections & bar prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FE-0001	Steel merchant bar export, fob main port Turkey, $/tonne	06 Jan 2022	765 - 770	0.66%	Dec 2021	773 - 776
MB-STE-0020	Steel hollow sections ASTM A500 Grade B domestic, fob mill US, $/short ton	06 Jan 2022	2225 - 2275	-1.10%	Dec 2021	2260 - 2310
MB-STE-0024	Steel beams domestic, delivered Northern Europe, €/tonne	05 Jan 2022	1020 - 1040	0.00%	Dec 2021	1020 - 1040
MB-STE-0025	Steel beams domestic, delivered Southern Europe, €/tonne	05 Jan 2022	1020 - 1030	0.00%	Dec 2021	1020 - 1030
MB-STE-0038	Steel sections (medium) domestic, delivered Northern Europe, €/tonne	05 Jan 2022	1080 - 1150	0.00%	Dec 2021	1080 - 1150
MB-STE-0039	Steel sections (medium) domestic, delivered Southern Europe, €/tonne	05 Jan 2022	1080 - 1150	0.00%	Dec 2021	1080 - 1150
MB-STE-0161	Steel sections domestic, ex-whs Eastern China, yuan/tonne	31 Dec 2021	4650 - 4700	-1.58%	Dec 2021	4676 - 4718
MB-STE-0199	Steel bar 2 x 2 x 1/4-inch angle merchant products, fob mill US, $/cwt	03 Jan 2022	60.8	0.00%	Dec 2021	60.8
MB-STE-0200	Steel bar 3 x 3 x 1/4-inch angle merchant products, fob mill US, $/cwt	03 Jan 2022	61.25	0.00%	Dec 2021	61.25
MB-STE-0201	Steel bar 8 x 11.5-inch channels merchant products, fob mill US, $/cwt	03 Jan 2022	60.5	0.00%	Dec 2021	60.5
MB-STE-0202	Steel bar 1/2 x 4-inch flat merchant products, fob mill US, $/cwt	03 Jan 2022	61	0.00%	Dec 2021	61
MB-STE-0203	Steel merchant bar, loaded truck Port of Houston for immediate delivery, $/short ton	03 Jan 2022	1180 - 1220	0.00%	Dec 2021	1180 - 1220
MB-STE-0204	Steel bar cold-finished 1-inch round 4140 (alloy), fob mill US, $/cwt	17 Dec 2021	112	0.45%	Dec 2021	112
MB-STE-0205	Steel bar cold-finished 1-inch round 1018 (carbon), fob mill US, $/cwt	17 Dec 2021	91	0.55%	Dec 2021	91
MB-STE-0206	Steel bar cold-finished 1-inch round 12L14 (carbon), fob mill US, $/cwt	17 Dec 2021	106	-0.47%	Dec 2021	106
MB-STE-0207	Steel bar hot-rolled special bar quality (SBQ) 1-inch round 4100 series (alloy), fob mill US, $/cwt	17 Dec 2021	81.5	-0.61%	Dec 2021	81.5
MB-STE-0208	Steel bar hot-rolled special bar quality (SBQ) 1-inch round 1000 series (carbon), fob mill US, $/cwt	17 Dec 2021	70	-0.71%	Dec 2021	70
MB-STE-0209	Steel beams 8 x 8-inch, fob mill US, $/cwt	03 Jan 2022	70.5	0.00%	Dec 2021	70.5
MB-STE-0210	Steel beams medium sections, loaded truck Port of Houston for immediate delivery, $/short ton	03 Jan 2022	1345 - 1385	-3.19%	Dec 2021	1390 - 1430
MB-STE-0851	Steel hollow sections ASTM 500 Grade B import, ddp US port of entry, $/short ton	28 Dec 2021	1850 - 1900	0.00%	Dec 2021	1850 - 1900

Steel billet prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0782	Steel billet export, fob ports Iran, $/tonne	05 Jan 2022	543 - 550	0.00%	Dec 2021	548.6 - 554.4
MB-STE-0558	Steel billet index export, fob Black Sea, CIS, $/tonne	06 Jan 2022	595	0.17%	Dec 2021	600.9
MB-STE-0516	Steel billet import, cfr main port Egypt, $/tonne	06 Jan 2022	640 - 650	0.00%	Dec 2021	649 - 662
MB-STE-0433	Steel billet domestic, exw India, rupees/tonne	31 Dec 2021	42700 - 42900	0.23%	Dec 2021	41780 - 41980

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0440	Steel billet export, fob main port India, $/tonne	31 Dec 2021	595 - 600	0.00%	Dec 2021	593 - 598
MB-STE-0141	Steel billet import, cfr Manila, $/tonne	06 Jan 2022	620 - 630	0.40%	Dec 2021	634.13 - 639.35
MB-STE-0157	Steel billet domestic, exw Tangshan, Northern China, yuan/tonne	06 Jan 2022	4300	0.94%	Dec 2021	4339.57
MB-STE-0890	Steel billet, import, cfr China, $/tonne	04 Jan 2022	600 - 610	0.00%	Dec 2021	607 - 615
MB-STE-0116	Steel billet import, cfr main port Turkey, $/tonne	06 Jan 2022	625 - 635	0.00%	Dec 2021	628 - 637
MB-STE-0117	Steel billet export, fob main port Turkey, $/tonne	06 Jan 2022	655 - 660	1.94%	Dec 2021	652 - 661
MB-STE-0115	Steel billet domestic, exw Turkey, $/tonne	06 Jan 2022	655 - 660	1.94%	Dec 2021	654 - 667
MB-STE-0128	Steel billet export, fob main port Latin America, $/tonne	31 Dec 2021	600 - 610	0.00%	Dec 2021	602 - 618
MB-STE-0122	Steel billet import, cfr Jebel Ali, UAE, $/tonne	04 Jan 2022	580 - 620	0.00%	Dec 2021	590 - 625

Steel slab prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0781	Steel slab export, fob ports Iran, $/tonne	05 Jan 2022	568	0.00%	Dec 2021	575.2
MB-STE-0566	Steel slab export, fob main port Brazil, $/tonne	31 Dec 2021	580 - 610	0.00%	Dec 2021	601 - 628
MB-STE-0140	Steel slab import, cfr Southeast Asia/East Asia, $/tonne	03 Jan 2022	625 - 635	-1.95%	Dec 2021	647.5 - 663.75
MB-STE-0016	Steel slab export, fob Black Sea, CIS, $/tonne	04 Jan 2022	580 - 600	0.00%	Dec 2021	596.25 - 613.75

Steel tube & pipe prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0022	Steel ERW standard pipe A53 Grade A, fob mill US, $/short ton	28 Dec 2021	2100 - 2150	-4.49%	Dec 2021	2100 - 2150
MB-STE-0023	Steel ERW standard pipe A53 Grade B, fob mill US, $/short ton	28 Dec 2021	2200 - 2250	-4.30%	Dec 2021	2200 - 2250
MB-STE-0056	Steel ERW standard pipe A53 Grade A import, cif Houston, $/short ton	28 Dec 2021	1900 - 1950	0.00%	Dec 2021	1900 - 1950
MB-STE-0057	Steel ERW standard pipe A53 Grade B import, cif Houston, $/short ton	28 Dec 2021	1950 - 2000	0.00%	Dec 2021	1950 - 2000
MB-STE-0059	Steel seamless line pipe - API 5LB import, cif Houston, $/short ton	14 Dec 2021	2525 - 2705	0.00%	Dec 2021	2525 - 2705
MB-STE-0062	Steel seamless OCTG API 5CT - Casing P110, import, cif Houston, $/short ton	14 Dec 2021	1825 - 1925	0.00%	Dec 2021	1825 - 1925
MB-STE-0063	Steel OCTG API 5CT - Casing J55, fob mill US, $/short ton	14 Dec 2021	2250 - 2350	0.00%	Dec 2021	2250 - 2350
MB-STE-0071	Steel seamless OCTG API 5CT - Casing P110, fob mill US, $/short ton	14 Dec 2021	2250 - 2350	0.00%	Dec 2021	2250 - 2350
MB-STE-0090	Steel welded mechanical tubing ASTM A513, fob mill US, $/short ton	28 Dec 2021	2275 - 2350	-3.65%	Dec 2021	2275 - 2350
MB-STE-0166	Steel structural pipe export S235JR grade EN10219 2mm wall thickness, fob main port Turkey, $/tonne	08 Dec 2021	940 - 945	-4.31%	Dec 2021	940 - 945
MB-STE-0545	Steel ERW line pipe (X52), fob mill US, $/short ton	14 Dec 2021	2425 - 2475	-2.00%	Dec 2021	2425 - 2475
MB-STE-0561	Steel ERW line pipe (X65), fob mill US, $/short ton	14 Dec 2021	2550 - 2600	-1.90%	Dec 2021	2550 - 2600
MB-STE-0564	Steel welded OCTG API 5CT - Casing P110, fob mill US, $/short ton	14 Dec 2021	2200 - 2300	4.65%	Dec 2021	2200 - 2300
MB-STE-0565	Steel welded OCTG API 5CT - Casing P110, import, cif Houston, $/short ton	14 Dec 2021	1900 - 1950	2.67%	Dec 2021	1900 - 1950
MB-STE-0869	Steel OCTG API 5CT - Casing J55 import South Korean-made, cif Houston, $/short ton	14 Dec 2021	1750 - 1800	2.16%	Dec 2021	1750 - 1800
MB-STE-0870	Steel OCTG API 5CT - Casing J55 import non-South Korean-made, cif Houston, $/short ton	14 Dec 2021	1800 - 1850	2.82%	Dec 2021	1800 - 1850
MB-STE-0871	Steel ERW line pipe (X52) import South Korean-made, cif Houston, $/short ton	14 Dec 2021	1700 - 1800	0.00%	Dec 2021	1700 - 1800

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0872	Steel ERW line pipe (X52) import non-South Korean-made, cif Houston, $/short ton	14 Dec 2021	2135 - 2235	0.00%	Dec 2021	2135 - 2235
MB-STE-0873	Steel ERW line pipe (X70), fob mill US, $/short ton	14 Dec 2021	2600 - 2650	-1.87%	Dec 2021	2600 - 2650

Stainless & special steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0281	Stainless steel cold-rolled sheet 2mm grade 304 transaction domestic, delivered North Europe, €/tonne	31 Dec 2021	4350 - 4500	0.00%	Dec 2021	4300 - 4430
MB-STS-0035	Stainless steel 304 cold-rolled sheet, fob mill US, $/cwt	10 Dec 2021	200	4.17%	Dec 2021	200
MB-STS-0034	Stainless steel 304L cold-rolled sheet, fob mill US, $/cwt	10 Dec 2021	204	4.08%	Dec 2021	204
MB-STS-0037	Stainless steel 316L cold-rolled sheet, fob mill US, $/cwt	10 Dec 2021	278	3.73%	Dec 2021	278
MB-STS-0005	Stainless steel bright bar grade 304 base price domestic, delivered Europe, €/tonne	31 Dec 2021	1050 - 1100	0.00%	Dec 2021	1050 - 1100
MB-STS-0004	Stainless steel bright bar grade 304 alloy surcharge domestic, Europe, €/tonne	31 Dec 2021	2993 - 3330	0.00%	Dec 2021	2993 - 3330
MB-STS-0282	Stainless steel cold-rolled coil 2mm grade 304 export, fob China, $/tonne	05 Jan 2022	2840 - 2920	1.59%	Dec 2021	2742 - 2890
MB-STS-0018	Stainless steel cold-rolled coil, Asia grade 304 (2mm 2B), cif East Asian port, $/tonne	05 Jan 2022	2900 - 2980	3.16%	Dec 2021	2790 - 2868
MB-STS-0015	Stainless steel cold-rolled coil 2mm grade 304 domestic, ex-whs China, yuan/tonne	05 Jan 2022	17400 - 17500	2.05%	Dec 2021	16720 - 17000
MB-STS-0016	Stainless steel cold-rolled coil 2mm grade 430 domestic, ex-whs China, yuan/tonne	05 Jan 2022	9300 - 9350	0.00%	Dec 2021	9480 - 9530
MB-STS-0283	Stainless steel hot-rolled coil grade 304 export, fob China, $/tonne	05 Jan 2022	2850 - 2900	1.59%	Dec 2021	2756 - 2830
MB-STS-0280	Stainless steel hot-rolled coil Asia grade 304, cif port East Asia, $/tonne	05 Jan 2022	2630 - 2660	1.54%	Dec 2021	2698 - 2758
MB-STS-0001	Stainless steel cold-rolled sheet 316 2mm alloy surcharge domestic, Europe, €/tonne	31 Dec 2021	3546 - 3589	0.00%	Dec 2021	3546 - 3589
MB-STS-0002	Stainless steel cold-rolled sheet base price 316 2mm domestic, delivered Europe, €/tonne	31 Dec 2021	2180 - 2280	0.00%	Dec 2021	2180 - 2280
MB-STS-0006	Stainless steel cold-rolled sheet 2mm grade 304 alloy surcharge domestic, Europe, €/tonne	31 Dec 2021	2308 - 2363	0.00%	Dec 2021	2308 - 2363
MB-STS-0007	Stainless steel cold-rolled sheet 2mm grade 304 base price domestic, delivered Northern Europe, €/tonne	31 Dec 2021	1900 - 2000	0.00%	Dec 2021	1900 - 2000

Steel raw materials prices

Source: dashboard.fastmarkets.com/m/2741a719-e91d-4e5e-b9b9-29225e060f7c

Iron ore prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0008	Iron ore 62% Fe fines, cfr Qingdao, $/tonne	06 Jan 2022	127.58	2.15%	Dec 2021	115.25
MB-IRO-0009	Iron ore 65% Fe Brazil-origin fines, cfr Qingdao, $/tonne	06 Jan 2022	156	7.59%	Dec 2021	132.02
MB-IRO-0010	Iron ore 63% Fe Australia-origin lump ore premium, cfr Qingdao, US cents/dmtu	06 Jan 2022	28	12.00%	Dec 2021	15.17
MB-IRO-0011	Iron ore 62% Fe fines, fot Qingdao, yuan/wet tonne	06 Jan 2022	847	2.92%	Dec 2021	758.57
MB-IRO-0012	Iron ore 65% Fe blast furnace pellet, cfr Qingdao, $/tonne	31 Dec 2021	194.6	-2.82%	Dec 2021	185.02
MB-IRO-0013	Iron ore 66% Fe concentrate, cfr Qingdao, $/tonne	31 Dec 2021	147.15	-4.59%	Dec 2021	138.88
MB-IRO-0015	Iron ore 58% Fe fines, cfr Qingdao, $/tonne	06 Jan 2022	77.21	2.14%	Dec 2021	69.6
MB-IRO-0016	Iron ore 58% Fe fines high-grade premium, cfr Qingdao, $/tonne	06 Jan 2022	22.5	4.65%	Dec 2021	18.54
MB-IRO-0017	Iron ore 58% Fe fines high-grade premium index, cfr Qingdao, $/tonne	06 Jan 2022	99.71	2.70%	Dec 2021	88.14
MB-IRO-0018	Iron ore 62% Fe fines, % Fe VIU, cfr Qingdao, $/tonne	06 Jan 2022	1.94	0.00%	Dec 2021	2.11
MB-IRO-0019	Iron ore 65% Fe fines, % Fe VIU, cfr Qingdao $/tonne	06 Jan 2022	2.54	0.00%	Dec 2021	2.29
MB-IRO-0020	Iron ore 62% Fe fines, % Si VIU, cfr Qingdao, $/tonne	06 Jan 2022	(5.25)		Dec 2021	(4.94)
MB-IRO-0021	Iron ore 62% Fe fines, % Al2O3 VIU, cfr Qingdao, $/tonne	06 Jan 2022	(6.47)		Dec 2021	(6.33)
MB-IRO-0022	Iron ore 62% Fe fines, fot Qingdao, $/tonne conversion	06 Jan 2022	123.2	3.04%	Dec 2021	109.62
MB-IRO-0024	Iron ore 62% Fe fines, 0.01% P VIU, cfr Qingdao, $/tonne	06 Jan 2022	(0.85)		Dec 2021	(0.82)
MB-IRO-0076	Iron ore product differential - 62% Fe Pilbara Blend Fines, cfr Qingdao, $/tonne	31 Dec 2021	(0.75)		Dec 2021	(1.2)
MB-IRO-0077	Iron ore DR-grade pellet premium to 65% Fe fines index, Middle East reference, $/tonne	31 Dec 2021	50	0.00%	Dec 2021	50
MB-IRO-0114	Iron ore 62% Fe Pilbara blend fines, cfr Qingdao, $/tonne	31 Dec 2021	120	0.77%	Dec 2021	94.12
MB-IRO-0144	Iron ore 62% Fe low-alumina fines, cfr Qingdao, $/tonne	06 Jan 2022	129	2.41%	Dec 2021	115.83
MB-IRO-0177	Iron ore pellet premium over 65% Fe fines, cfr China, $/tonne	31 Dec 2021	53.9	1.32%	Dec 2021	52.2

Coking coal, coke & PCI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-COA-0001	Hard coking coal domestic China spot market, Shanxi-origin, delivered Tangshan, yuan/tonne	31 Dec 2021	2175 - 2800	0.00%	Dec 2021	2175 - 2692
MB-COA-0002	Hard coking coal, cfr Jingtang, $/dmt	06 Jan 2022	328.35	5.41%	Dec 2021	325.14
MB-COA-0003	Premium hard coking coal, fob DBCT, $/dmt	06 Jan 2022	370.22	2.67%	Dec 2021	340.4
MB-COA-0004	Hard coking coal, fob DBCT, $/dmt	06 Jan 2022	316.39	2.84%	Dec 2021	287.44
MB-COA-0005	Premium hard coking coal, cfr Jingtang, $/dmt	06 Jan 2022	359.97	4.38%	Dec 2021	355.52
MB-COA-0006	Coke 65% CSR, fob China, $/tonne	04 Jan 2022	535 - 550	3.33%	Dec 2021	497.5 - 526.25
MB-COA-0007	PCI low-vol, cfr Jingtang, $/dmt	31 Dec 2021	237.2	6.15%	Dec 2021	218.74
MB-COA-0008	PCI low-vol, fob DBCT, $/dmt	31 Dec 2021	240.08	0.00%	Dec 2021	235.28

Pig iron, DRI & HBI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FE-0002	Hot-briquetted iron export, fob main port Venezuela, $/tonne	31 Dec 2021	370 - 390	0.00%	Dec 2021	370 - 390
MB-FE-0003	Hot-briquetted iron, fob New Orleans, $/tonne	03 Jan 2022	490 - 520	0.00%	Dec 2021	490 - 520
MB-FE-0004	Hot-briquetted iron, cfr Italian ports, $/tonne	06 Jan 2022	490 - 495	0.00%	Dec 2021	490 - 495
MB-FEN-0001	Nickel pig iron, high-grade NPI content 10-15%, contract, ddp China, yuan/nickel unit price	31 Dec 2021	1280 - 1310	**1.97%**	Dec 2021	1344 - 1376
MB-FEN-0002	Nickel pig iron, high-grade NPI content 10-15%, spot, ddp China, yuan/nickel unit price	31 Dec 2021	1280 - 1320	**2.36%**	Dec 2021	1328 - 1360
MB-FEN-0004	Pig iron foundry grade, Brazil, fob New Orleans, $/tonne	03 Jan 2022	710 - 740	0.00%	Dec 2021	710 - 740
MB-IRO-0001	Pig iron export, fob main port Baltic Sea, CIS, $/tonne	06 Jan 2022	550	0.00%	Dec 2021	550 - 554
MB-IRO-0002	Pig iron export, fob main port Black Sea, CIS, $/tonne	06 Jan 2022	490 - 500	**-0.50%**	Dec 2021	501 - 514
MB-IRO-0004	Pig iron import, cfr Gulf of Mexico, US, $/tonne	31 Dec 2021	540 - 545	**-0.91%**	Dec 2021	551 - 558
MB-IRO-0005	Pig iron export, fob port of Vitoria/Rio, Brazil, $/tonne	31 Dec 2021	485	**-2.51%**	Dec 2021	496 - 497
MB-IRO-0006	Pig iron export, fob Ponta da Madeira, Brazil, $/tonne	31 Dec 2021	520 - 525	**-1.42%**	Dec 2021	534 - 539
MB-IRO-0014	Pig iron import, cfr Italy, $/tonne	06 Jan 2022	530 - 545	**-0.92%**	Dec 2021	548 - 556
MB-IRO-0023	Direct reduced iron domestic, exw India, rupees/tonne	31 Dec 2021	31900 - 32100	**0.63%**	Dec 2021	30740 - 30940
MB-IRO-0078	Pig iron basic grade, Brazil, fob New Orleans, $/tonne	03 Jan 2022	550 - 580	**-5.04%**	Dec 2021	580 - 610
MB-IRO-0079	Pig iron basic grade, Ukraine/Russia, fob New Orleans, $/tonne	03 Jan 2022	550 - 580	**-5.04%**	Dec 2021	580 - 610
MB-IRO-0178	Pig iron, import, cfr China, $/tonne	06 Jan 2022	530 - 540	**1.90%**	Dec 2021	517.5 - 525

Steel scrap prices

Source: dashboard.fastmarkets.com/m/6310df54-51f9-4441-9a17-47f6239159d5

Alabama

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0213	Steel scrap No1 heavy melt, consumer buying price, delivered mill Alabama, $/gross ton	06 Dec 2021	450	0.00%	Dec 2021	450
MB-STE-0214	Steel scrap No2 heavy melt, consumer buying price, delivered mill Alabama, $/gross ton	06 Dec 2021	440	0.00%	Dec 2021	440
MB-STE-0216	Steel scrap No1 busheling, consumer buying price, delivered mill Alabama, $/gross ton	06 Dec 2021	575	0.00%	Dec 2021	575
MB-STE-0215	Steel scrap No1 bundles, consumer buying price, delivered mill Alabama, $/gross ton	06 Dec 2021	567	0.00%	Dec 2021	567
MB-STE-0218	Steel scrap machine shop turnings, consumer buying price, delivered mill Alabama, $/gross ton	06 Dec 2021	375	0.00%	Dec 2021	375
MB-STE-0217	Steel scrap shredded auto scrap, consumer buying price, delivered mill Alabama, $/gross ton	06 Dec 2021	518	0.00%	Dec 2021	518
MB-STE-0219	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Alabama, $/gross ton	06 Dec 2021	495	0.00%	Dec 2021	495
MB-STE-0220	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Alabama, $/gross ton	06 Dec 2021	470	0.00%	Dec 2021	470

Arkansas/Tennessee

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0221	Steel scrap No1 heavy melt, consumer buying price, delivered mill Arkansas/Tenn, $/gross ton	06 Dec 2021	475	0.00%	Dec 2021	475
MB-STE-0224	Steel scrap No1 busheling, consumer buying price, delivered mill Arkansas/Tenn, $/gross ton	06 Dec 2021	610	0.00%	Dec 2021	610
MB-STE-0222	Steel scrap No1 bundles, consumer buying price, delivered mill Arkansas/Tenn, $/gross ton	06 Dec 2021	605	0.00%	Dec 2021	605
MB-STE-0223	Steel scrap No2 bundles, consumer buying price, delivered mill Arkansas/Tenn, $/gross ton	06 Dec 2021	452	0.00%	Dec 2021	452
MB-STE-0226	Steel scrap machine shop turnings, consumer buying price, delivered mill Arkansas/Tenn, $/gross ton	06 Dec 2021	370	0.00%	Dec 2021	370
MB-STE-0225	Steel scrap shredded auto scrap, consumer buying price, delivered mill Arkansas/Tenn, $/gross ton	06 Dec 2021	525	0.00%	Dec 2021	525
MB-STE-0227	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Arkansas/Tenn, $/gross ton	06 Dec 2021	495	0.00%	Dec 2021	495

Atlanta

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0340	Steel scrap No1 heavy melt, dealer selling price, fob dealer yard Atlanta, $/gross ton	06 Dec 2021	416	0.00%	Dec 2021	416
MB-STE-0341	Steel scrap No1 busheling, dealer selling price, fob dealer yard Atlanta, $/gross ton	06 Dec 2021	518	0.00%	Dec 2021	518
MB-STE-0343	Steel scrap machine shop turnings, dealer selling price, fob dealer yard Atlanta, $/gross ton	06 Dec 2021	270	0.00%	Dec 2021	270
MB-STE-0342	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard Atlanta, $/gross ton	06 Dec 2021	456	0.00%	Dec 2021	456

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0344	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard Atlanta, $/gross ton	06 Dec 2021	426	0.00%	Dec 2021	426

Bajio

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0553	Steel scrap No1 heavy melt, consumer buying price, delivered mill Bajio, $/tonne	04 Jan 2022	389	6.87%	Dec 2021	347.25
MB-STE-0551	Steel scrap No1 busheling, consumer buying price, delivered mill Bajio, $/tonne	04 Jan 2022	537	-0.56%	Dec 2021	531
MB-STE-0552	Steel scrap No1 busheling, consumer buying price, delivered mill Bajio, peso/tonne	04 Jan 2022	11050	-1.34%	Dec 2021	11200
MB-STE-0549	Steel scrap machine shop turnings, consumer buying price, delivered mill Bajio, $/tonne	04 Jan 2022	345	10.93%	Dec 2021	305.75
MB-STE-0550	Steel scrap machine shop turnings, consumer buying price, delivered mill Bajio, peso/tonne	04 Jan 2022	7100	10.08%	Dec 2021	6450
MB-STE-0556	Steel scrap shredded auto scrap, consumer buying price, delivered mill Bajio, peso/tonne	04 Jan 2022	10700	0.00%	Dec 2021	10637.5
MB-STE-0547	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Bajio, $/tonne	04 Jan 2022	461	5.01%	Dec 2021	425
MB-STE-0548	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Bajio, peso/tonne	04 Jan 2022	9500	4.40%	Dec 2021	8962.5
MB-STE-0554	Steel scrap No1 heavy melt, consumer buying price, delivered mill Bajio, peso/tonne	04 Jan 2022	8000	5.96%	Dec 2021	7325
MB-STE-0555	Steel scrap shredded auto scrap, consumer buying price, delivered mill Bajio, $/tonne	04 Jan 2022	520	0.78%	Dec 2021	504.25

Birmingham

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0698	Steel scrap No1 heavy melting, broker buying price, fob Birmingham, $/gross ton	07 Dec 2021	313	0.00%	Dec 2021	313
MB-STE-0699	Steel scrap No2 heavy melting, broker buying price, fob Birmingham, $/gross ton	07 Dec 2021	303	0.00%	Dec 2021	303
MB-STE-0710	Steel scrap plate and structurals 5ft and under, broker buying price, fob Birmingham $/gross ton	07 Dec 2021	385	0.00%	Dec 2021	385
MB-STE-0704	Steel scrap machine shop turnings, broker buying price, fob Birmingham $/gross ton	07 Dec 2021	270	0.00%	Dec 2021	270
MB-STE-0703	Steel scrap shredded scrap, broker buying price, fob Birmingham $/gross ton	07 Dec 2021	480	0.00%	Dec 2021	480
MB-STE-0702	Steel scrap No1 busheling, broker buying price, fob Birmingham $/gross ton	07 Dec 2021	475	0.00%	Dec 2021	475
MB-STE-0700	Steel scrap No1 dealer bundles, broker buying price, fob Birmingham, $/gross ton	07 Dec 2021	505	0.00%	Dec 2021	505

Boston

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0366	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Boston, $/gross ton	03 Jan 2022	355	0.00%	Dec 2021	358.75
MB-STE-0367	Steel scrap No2 bundles, export yard buying price, delivered to yard Boston, $/gross ton	03 Jan 2022	275	0.00%	Dec 2021	278.75
MB-STE-0370	Steel scrap auto bodies, export yard buying price, delivered to yard Boston, $/gross ton	03 Jan 2022	225	0.00%	Dec 2021	235

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0369	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Boston, $/gross ton	03 Jan 2022	355	0.00%	Dec 2021	358.75
MB-STE-0368	Steel scrap mixed cast, export yard buying price, delivered to yard Boston, $/gross ton	03 Jan 2022	340	0.00%	Dec 2021	343.75
MB-STE-0371	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Boston, $/gross ton	03 Jan 2022	365	0.00%	Dec 2021	368.75

Chicago

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0228	Steel scrap No1 heavy melt, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	480	0.00%	Dec 2021	480
MB-STE-0232	Steel scrap No1 busheling, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	580	0.00%	Dec 2021	580
MB-STE-0230	Steel scrap No1 bundles, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	585	0.00%	Dec 2021	585
MB-STE-0248	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	480	0.00%	Dec 2021	480
MB-STE-0231	Steel scrap No2 bundles, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	340	**-4.23%**	Dec 2021	340
MB-STE-0234	Steel scrap machine shop turnings, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	330	0.00%	Dec 2021	330
MB-STE-0233	Steel scrap shredded auto scrap, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	540	0.00%	Dec 2021	540
MB-STE-0578	Steel scrap low-residual, ductile-quality shredded clips, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	742	0.00%	Dec 2021	742
MB-STE-0241	Steel scrap unstripped motor blocks, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	554	0.00%	Dec 2021	554
MB-STE-0235	Steel scrap cast iron borings, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	370	0.00%	Dec 2021	370
MB-STE-0239	Steel scrap cupola cast, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	609	0.00%	Dec 2021	609
MB-STE-0240	Steel scrap clean auto cast, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	672	0.00%	Dec 2021	672
MB-STE-0242	Steel scrap heavy breakable cast, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	552	0.00%	Dec 2021	552
MB-STE-0243	Steel scrap drop broken machinery cast, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	587	0.00%	Dec 2021	587
MB-STE-0238	Steel scrap foundry steel 2ft max, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	544	0.00%	Dec 2021	544
MB-STE-0244	Steel scrap rail crops 2ft max, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	603	0.00%	Dec 2021	603
MB-STE-0246	Steel scrap steel car wheels, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	545	0.00%	Dec 2021	545
MB-STE-0577	Steel scrap low-residual, black foundry busheling, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	742	0.00%	Dec 2021	742
MB-STE-0236	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	634	0.00%	Dec 2021	634
MB-STE-0237	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	505	0.00%	Dec 2021	505

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0579	Steel scrap low-alloy punchings, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	762	0.00%	Dec 2021	762
MB-STE-0229	Steel scrap No2 heavy melt, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	465	0.00%	Dec 2021	465

Cincinnati

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0249	Steel scrap No1 heavy melt, consumer buying price, delivered mill Cincinnati, $/gross ton	06 Dec 2021	460	0.00%	Dec 2021	460
MB-STE-0251	Steel scrap No1 busheling, consumer buying price, delivered mill Cincinnati, $/gross ton	06 Dec 2021	575	0.00%	Dec 2021	575
MB-STE-0250	Steel scrap No1 bundles, consumer buying price, delivered mill Cincinnati, $/gross ton	06 Dec 2021	575	0.00%	Dec 2021	575
MB-STE-0253	Steel scrap machine shop turnings, consumer buying price, delivered mill Cincinnati, $/gross ton	06 Dec 2021	287	0.00%	Dec 2021	287
MB-STE-0252	Steel scrap shredded auto scrap, consumer buying price, delivered mill Cincinnati, $/gross ton	06 Dec 2021	505	0.00%	Dec 2021	505
MB-STE-0254	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Cincinnati, $/gross ton	06 Dec 2021	485	0.00%	Dec 2021	485

Cleveland

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0255	Steel scrap No1 heavy melt, consumer buying price, delivered mill Cleveland, $/gross ton	06 Dec 2021	480	0.00%	Dec 2021	480
MB-STE-0257	Steel scrap No1 busheling, consumer buying price, delivered mill Cleveland, $/gross ton	06 Dec 2021	640	0.00%	Dec 2021	640
MB-STE-0256	Steel scrap No1 bundles, consumer buying price, delivered mill Cleveland, $/gross ton	06 Dec 2021	640	0.00%	Dec 2021	640
MB-STE-0269	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Cleveland, $/gross ton	06 Dec 2021	470	0.00%	Dec 2021	470
MB-STE-0259	Steel scrap machine shop turnings, consumer buying price, delivered mill Cleveland, $/gross ton	06 Dec 2021	305	0.00%	Dec 2021	305
MB-STE-0258	Steel scrap shredded auto scrap, consumer buying price, delivered mill Cleveland, $/gross ton	06 Dec 2021	530	0.00%	Dec 2021	530
MB-STE-0260	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Cleveland, $/gross ton	06 Dec 2021	500	0.00%	Dec 2021	500
MB-STE-0653	Steel scrap punchings and plate, broker buying price, fob Cleveland, $/gross ton	06 Dec 2021	780	0.00%	Dec 2021	780

Detroit

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0272	Steel scrap No1 busheling, consumer buying price, delivered mill Detroit, $/gross ton	06 Dec 2021	555	0.00%	Dec 2021	555
MB-STE-0271	Steel scrap No1 bundles, consumer buying price, delivered mill Detroit, $/gross ton	06 Dec 2021	545	0.00%	Dec 2021	545
MB-STE-0634	Steel scrap No1 dealer bundles, broker buying price, fob Detroit, $/gross ton	06 Dec 2021	390	0.00%	Dec 2021	390
MB-STE-0279	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Detroit, $/gross ton	06 Dec 2021	430	0.00%	Dec 2021	430

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0274	Steel scrap machine shop turnings, consumer buying price, delivered mill Detroit, $/gross ton	06 Dec 2021	205	0.00%	Dec 2021	205
MB-STE-0273	Steel scrap shredded auto scrap, consumer buying price, delivered mill Detroit, $/gross ton	06 Dec 2021	520	0.00%	Dec 2021	520
MB-STE-0636	Steel scrap shredded scrap, broker buying price, fob Detroit, $/gross ton	06 Dec 2021	393	0.00%	Dec 2021	393
MB-STE-0277	Steel scrap cupola cast, consumer buying price, delivered mill Detroit, $/gross ton	06 Dec 2021	455	0.00%	Dec 2021	455
MB-STE-0278	Steel scrap clean auto cast, consumer buying price, delivered mill Detroit, $/gross ton	06 Dec 2021	495	0.00%	Dec 2021	495
MB-STE-0276	Steel scrap foundry steel 2ft max, consumer buying price, delivered mill Detroit, $/gross ton	06 Dec 2021	470	0.00%	Dec 2021	470
MB-STE-0640	Steel scrap cast iron borings, broker buying price, fob Detroit, $/gross ton	06 Dec 2021	115	0.00%	Dec 2021	115
MB-STE-0275	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Detroit, $/gross ton	06 Dec 2021	480	0.00%	Dec 2021	480
MB-STE-0637	Steel scrap plate and structurals 5ft and under, broker buying price, fob Detroit, $/gross ton	06 Dec 2021	356	0.00%	Dec 2021	356
MB-STE-0633	Steel scrap No1 heavy melting, broker buying price, fob Detroit, $/gross ton	06 Dec 2021	325	0.00%	Dec 2021	325
MB-STE-0635	Steel scrap No1 busheling, broker buying price, fob Detroit, $/gross ton	06 Dec 2021	438	0.00%	Dec 2021	438
MB-STE-0638	Steel scrap machine shop turnings, broker buying price, fob Detroit, $/gross ton	06 Dec 2021	85	0.00%	Dec 2021	85
MB-STE-0270	Steel scrap No1 heavy melt, consumer buying price, delivered mill Detroit, $/gross ton	06 Dec 2021	465	0.00%	Dec 2021	465

Hamilton

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0333	Steel scrap No1 heavy melt, consumer buying price, delivered mill Hamilton, Canadian $/net ton	06 Dec 2021	414	**3.76%**	Dec 2021	414
MB-STE-0772	Steel scrap No1 heavy melting, broker buying price, fob Hamilton, Canadian $/net ton	07 Dec 2021	359	**4.36%**	Dec 2021	359
MB-STE-0335	Steel scrap No1 busheling, consumer buying price, delivered mill Hamilton, Canadian $/net ton	06 Dec 2021	606	**3.41%**	Dec 2021	606
MB-STE-0774	Steel scrap No1 busheling, broker buying price, fob Hamilton, Canadian $/net ton	07 Dec 2021	505	**4.12%**	Dec 2021	505
MB-STE-0334	Steel scrap No1 bundles, consumer buying price, delivered mill Hamilton, Canadian $/net ton	06 Dec 2021	620	**3.33%**	Dec 2021	620
MB-STE-0773	Steel scrap No1 dealer bundles, broker buying price, fob Hamilton, Canadian $/ net ton	07 Dec 2021	610	**3.39%**	Dec 2021	610
MB-STE-0777	Steel scrap machine shop turnings, broker buying price, fob Hamilton, Canadian $/ net ton	07 Dec 2021	236	0.00%	Dec 2021	236
MB-STE-0336	Steel scrap shredded auto scrap, consumer buying price, delivered mill Hamilton, Canadian $/net ton	06 Dec 2021	618	**2.49%**	Dec 2021	618
MB-STE-0776	Steel scrap shredded scrap, broker buying price, fob Hamilton, Canadian $/ net ton	07 Dec 2021	340	**4.62%**	Dec 2021	340
MB-STE-0337	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Hamilton, Canadian $/net ton	06 Dec 2021	437	**3.55%**	Dec 2021	437

Houston

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0350	Steel scrap No1 heavy melt, dealer selling price, fob dealer yard Houston, $/gross ton	06 Dec 2021	285	0.00%	Dec 2021	285

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0765	Steel scrap No1 heavy melting, broker buying price, fob Houston $/gross ton	07 Dec 2021	280	0.00%	Dec 2021	280
MB-STE-0766	Steel scrap No2 heavy melting, broker buying price, fob Houston $/gross ton	07 Dec 2021	270	0.00%	Dec 2021	270
MB-STE-0351	Steel scrap No1 busheling, dealer selling price, fob dealer yard Houston, $/gross ton	06 Dec 2021	402	0.00%	Dec 2021	402
MB-STE-0405	Steel scrap No1 busheling, consumer buying price trend, delivered mill Houston, $/gross ton	06 Dec 2021	0		Dec 2021	0
MB-STE-0767	Steel scrap No1 busheling, broker buying price, fob Houston $/gross ton	07 Dec 2021	430	0.00%	Dec 2021	430
MB-STE-0353	Steel scrap machine shop turnings, dealer selling price, fob dealer yard Houston, $/gross ton	06 Dec 2021	205	0.00%	Dec 2021	205
MB-STE-0769	Steel scrap machine shop turnings, broker buying price, fob Houston $/gross ton	07 Dec 2021	200	0.00%	Dec 2021	200
MB-STE-0352	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard Houston, $/gross ton	06 Dec 2021	335	0.00%	Dec 2021	335
MB-STE-0768	Steel scrap shredded scrap, broker buying price, fob Houston $/gross ton	07 Dec 2021	325	0.00%	Dec 2021	325
MB-STE-0354	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard Houston, $/gross ton	06 Dec 2021	320	0.00%	Dec 2021	320
MB-STE-0408	Steel scrap cut structural/plate 5ft max, consumer buying price trend, delivered mill Houston, $/gross ton	06 Dec 2021	0		Dec 2021	0
MB-STE-0770	Steel scrap plate and structurals 5ft and under, broker buying price, fob Houston $/gross ton	07 Dec 2021	305	0.00%	Dec 2021	305
MB-STE-0404	Steel scrap No1 heavy melt, consumer buying price trend, delivered mill Houston, $/gross ton	06 Dec 2021	0		Dec 2021	0
MB-STE-0407	Steel scrap machine shop turnings, consumer buying price trend, delivered mill Houston, $/gross ton	06 Dec 2021	0		Dec 2021	0
MB-STE-0406	Steel scrap shredded auto scrap, consumer buying price trend, delivered mill Houston, $/gross ton	06 Dec 2021	0		Dec 2021	0

Los Angeles

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0372	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Los Angeles, $/gross ton	03 Jan 2022	265	0.00%	Dec 2021	265
MB-STE-0425	Steel scrap HMS 1&2 (80:20), export index, fob Los Angeles, $/tonne	05 Jan 2022	475	0.00%	Dec 2021	475
MB-STE-0374	Steel scrap No1 busheling, export yard buying price, delivered to yard Los Angeles, $/gross ton	03 Jan 2022	275	0.00%	Dec 2021	275
MB-STE-0373	Steel scrap No2 bundles, export yard buying price, delivered to yard Los Angeles, $/gross ton	03 Jan 2022	165	0.00%	Dec 2021	165
MB-STE-0375	Steel scrap machine shop turnings, export yard buying price, delivered to yard Los Angeles, $/gross ton	03 Jan 2022	60	0.00%	Dec 2021	60
MB-STE-0378	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Los Angeles, $/gross ton	03 Jan 2022	275	0.00%	Dec 2021	275

Midwest

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0424	Steel scrap No1 heavy melt, index, delivered Midwest mill, $/gross ton	10 Dec 2021	480.08	**0.18%**	Dec 2021	480.08
MB-STE-0882	Steel scrap No1 busheling, indicator, delivered Midwest mill, $/gross ton	06 Jan 2022	575	0.00%	Dec 2021	595.38
MB-STE-0422	Steel scrap No1 busheling, index, delivered Midwest mill, $/gross ton	10 Dec 2021	603.81	**0.30%**	Dec 2021	603.81
MB-STE-0423	Steel scrap shredded, index, delivered Midwest mill, $/gross ton	10 Dec 2021	540.16	**0.08%**	Dec 2021	540.16

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0787	Steel scrap shredder feed, fob Midwest, $/gross ton	03 Jan 2022	214.24	-2.65%	Dec 2021	220.07

Monterrey

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0533	Steel scrap No1 heavy melt, consumer buying price, delivered mill Monterrey, $/tonne	04 Jan 2022	333	0.91%	Dec 2021	324.5
MB-STE-0534	Steel scrap No1 heavy melt, consumer buying price, delivered mill Monterrey, peso/tonne	04 Jan 2022	6850	0.00%	Dec 2021	6850
MB-STE-0539	Steel scrap No1 busheling, consumer buying price, delivered mill Monterrey, $/tonne	04 Jan 2022	532	0.76%	Dec 2021	519
MB-STE-0540	Steel scrap No1 busheling, consumer buying price, delivered mill Monterrey, peso/tonne	04 Jan 2022	10950	0.00%	Dec 2021	10950
MB-STE-0541	Steel scrap machine shop turnings, consumer buying price, delivered mill Monterrey, $/tonne	04 Jan 2022	321	0.94%	Dec 2021	312.75
MB-STE-0542	Steel scrap machine shop turnings, consumer buying price, delivered mill Monterrey, peso/tonne	04 Jan 2022	6600	0.00%	Dec 2021	6600
MB-STE-0535	Steel scrap shredded auto scrap, consumer buying price, delivered mill Monterrey, $/tonne	04 Jan 2022	525	0.77%	Dec 2021	512
MB-STE-0536	Steel scrap shredded auto scrap, consumer buying price, delivered mill Monterrey, peso/tonne	04 Jan 2022	10800	0.00%	Dec 2021	10800
MB-STE-0537	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Monterrey, $/tonne	04 Jan 2022	486	0.83%	Dec 2021	465.75
MB-STE-0538	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Monterrey, peso/tonne	04 Jan 2022	10000	0.00%	Dec 2021	9825

Montreal

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0789	Steel scrap No1 heavy melting, consumer buying price, fob Montreal, Canadian $/net ton	06 Dec 2021	435	0.00%	Dec 2021	435
MB-STE-0790	Steel scrap No1 busheling, consumer buying price, fob Montreal, Canadian $/net ton	06 Dec 2021	557	0.00%	Dec 2021	557
MB-STE-0848	Steel scrap No2 bundles, consumer buying price, fob Montreal, Canadian $/net ton	06 Dec 2021	345	0.00%	Dec 2021	345
MB-STE-0792	Steel scrap machine shop turnings, consumer buying price, fob Montreal, Canadian $/net ton	06 Dec 2021	365	0.00%	Dec 2021	365
MB-STE-0793	Steel scrap cut structural/plate 5ft max, consumer buying price, fob Montreal, Canadian $/net ton	06 Dec 2021	475	0.00%	Dec 2021	475

New York

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0379	Steel scrap No1 heavy melt, export yard buying price, delivered to yard New York, $/gross ton	03 Jan 2022	370	0.00%	Dec 2021	372.5
MB-STE-0418	Steel scrap HMS 1&2 (80:20), export index, fob New York, $/tonne	05 Jan 2022	417.5	0.00%	Dec 2021	432.5
MB-STE-0380	Steel scrap No2 bundles, export yard buying price, delivered to yard New York, $/gross ton	03 Jan 2022	320	0.00%	Dec 2021	322.5
MB-STE-0381	Steel scrap machine shop turnings, export yard buying price, delivered to yard New York, $/gross ton	03 Jan 2022	265	0.00%	Dec 2021	267.5

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0419	Steel scrap shredded scrap, export index, fob New York, $/tonne	05 Jan 2022	432.5	0.00%	Dec 2021	449.5
MB-STE-0384	Steel scrap auto bodies, export yard buying price, delivered to yard New York, $/gross ton	03 Jan 2022	350	0.00%	Dec 2021	352.5
MB-STE-0383	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard New York, $/gross ton	03 Jan 2022	385	0.00%	Dec 2021	387.5
MB-STE-0382	Steel scrap mixed cast, export yard buying price, delivered to yard New York, $/gross ton	03 Jan 2022	365	0.00%	Dec 2021	367.5
MB-STE-0385	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard New York, $/gross ton	03 Jan 2022	380	0.00%	Dec 2021	382.5

North Carolina/Virginia

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0280	Steel scrap No1 heavy melt, consumer buying price, delivered mill North Carolina/Virginia, $/gross ton	06 Dec 2021	460	0.00%	Dec 2021	460
MB-STE-0281	Steel scrap No1 busheling, consumer buying price, delivered mill North Carolina/Virginia, $/gross ton	06 Dec 2021	550	0.00%	Dec 2021	550
MB-STE-0283	Steel scrap machine shop turnings, consumer buying price, delivered mill North Carolina/Virginia, $/gross ton	06 Dec 2021	375	0.00%	Dec 2021	375
MB-STE-0282	Steel scrap, shredded auto scrap, consumer buying price, delivered mill North Carolina/Virginia, $/gross ton	06 Dec 2021	490	0.00%	Dec 2021	490
MB-STE-0284	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill North Carolina/Virginia, $/gross ton	06 Dec 2021	470	0.00%	Dec 2021	470

Philadelphia

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0285	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	440	0.00%	Dec 2021	440
MB-STE-0386	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Philadelphia, $/gross ton	03 Jan 2022	370	0.00%	Dec 2021	372.5
MB-STE-0288	Steel scrap No1 busheling, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	550	0.00%	Dec 2021	550
MB-STE-0286	Steel scrap No1 bundles, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	550	0.00%	Dec 2021	550
MB-STE-0287	Steel scrap No2 bundles, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	400	**2.56%**	Dec 2021	400
MB-STE-0387	Steel scrap No2 bundles, export yard buying price, delivered to yard Philadelphia, $/gross ton	03 Jan 2022	295	0.00%	Dec 2021	297.5
MB-STE-0290	Steel scrap machine shop turnings, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	335	0.00%	Dec 2021	335
MB-STE-0289	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	515	**1.98%**	Dec 2021	515
MB-STE-0390	Steel scrap auto bodies, export yard buying price, delivered to yard Philadelphia, $/gross ton	03 Jan 2022	335	0.00%	Dec 2021	337.5
MB-STE-0297	Steel scrap unstripped motor blocks, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	460	0.00%	Dec 2021	460
MB-STE-0389	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Philadelphia, $/gross ton	03 Jan 2022	365	0.00%	Dec 2021	367.5

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0295	Steel scrap cupola cast, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	455	0.00%	Dec 2021	455
MB-STE-0296	Steel scrap clean auto cast, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	450	0.00%	Dec 2021	450
MB-STE-0298	Steel scrap heavy breakable cast, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	406	0.00%	Dec 2021	406
MB-STE-0299	Steel scrap drop broken machinery, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	511	0.00%	Dec 2021	511
MB-STE-0300	Steel scrap rail crops 2ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	575	0.00%	Dec 2021	575
MB-STE-0301	Steel scrap random rails, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	550	**22.22%**	Dec 2021	550
MB-STE-0291	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	565	0.00%	Dec 2021	565
MB-STE-0292	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	460	0.00%	Dec 2021	460
MB-STE-0293	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	450	0.00%	Dec 2021	450
MB-STE-0391	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Philadelphia, $/gross ton	03 Jan 2022	380	0.00%	Dec 2021	382.5

Pittsburgh

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0303	Steel scrap No1 heavy melt, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	475	0.00%	Dec 2021	475
MB-STE-0306	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	610	0.00%	Dec 2021	610
MB-STE-0304	Steel scrap No1 bundles, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	591	0.00%	Dec 2021	591
MB-STE-0305	Steel scrap No2 bundles, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	389	0.00%	Dec 2021	389
MB-STE-0307	Steel scrap No1 industrial bundles, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	617	0.00%	Dec 2021	617
MB-STE-0321	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	380	0.00%	Dec 2021	380
MB-STE-0309	Steel scrap machine shop turnings, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	375	0.00%	Dec 2021	375
MB-STE-0308	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	530	0.00%	Dec 2021	530
MB-STE-0310	Steel scrap cast iron borings, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	330	0.00%	Dec 2021	330
MB-STE-0388	Steel scrap mixed cast, export yard buying price, delivered to yard Philadelphia, $/gross ton	03 Jan 2022	370	0.00%	Dec 2021	372.5
MB-STE-0311	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	525	0.00%	Dec 2021	525
MB-STE-0312	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	505	0.00%	Dec 2021	505
MB-STE-0598	Steel scrap punchings and plate, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	832	0.00%	Dec 2021	832

Seattle/Portland

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0409	Steel scrap No1 heavy melt, consumer buying price trend, delivered mill Seattle/Portland, $/gross ton	06 Dec 2021	0		Dec 2021	0
MB-STE-0411	Steel scrap machine shop turnings, consumer buying price trend, delivered mill Seattle/Portland, $/gross ton	06 Dec 2021	0		Dec 2021	0
MB-STE-0410	Steel scrap shredded auto scrap, consumer buying price trend, delivered mill Seattle/Portland, $/gross ton	06 Dec 2021	0		Dec 2021	0
MB-STE-0412	Steel scrap cut structural/plate 5ft max, consumer buying price trend, delivered mill Seattle/Portland, $/gross ton	06 Dec 2021	0		Dec 2021	0

South Carolina

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0322	Steel scrap No1 heavy melt, consumer buying price, delivered mill South Carolina, $/gross ton	06 Dec 2021	460	0.00%	Dec 2021	460
MB-STE-0323	Steel scrap No1 busheling, consumer buying price, delivered mill South Carolina, $/gross ton	06 Dec 2021	550	0.00%	Dec 2021	550
MB-STE-0324	Steel scrap shredded auto scrap, consumer buying price, delivered mill South Carolina, $/gross ton	06 Dec 2021	490	0.00%	Dec 2021	490
MB-STE-0326	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill South Carolina, $/gross ton	06 Dec 2021	470	0.00%	Dec 2021	470
MB-STE-0325	Steel scrap machine shop turnings, consumer buying price, delivered mill South Carolina, $/gross ton	06 Dec 2021	375	0.00%	Dec 2021	375

St Louis

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0355	Steel scrap No1 heavy melt, dealer selling price, fob dealer yard St Louis, $/gross ton	06 Dec 2021	398	0.00%	Dec 2021	398
MB-STE-0621	Steel scrap No1 heavy melting, broker buying price, fob St Louis, $/gross ton	07 Dec 2021	415	**-2.35%**	Dec 2021	415
MB-STE-0622	Steel scrap No2 heavy melting, broker buying price, fob St Louis, $/gross ton	07 Dec 2021	405	**-2.41%**	Dec 2021	405
MB-STE-0357	Steel scrap No1 busheling, dealer selling price, fob dealer yard St Louis, $/gross ton	06 Dec 2021	548	0.00%	Dec 2021	548
MB-STE-0623	Steel scrap No1 busheling, broker buying price, fob St Louis, $/gross ton	07 Dec 2021	555	**-1.77%**	Dec 2021	555
MB-STE-0356	Steel scrap No1 bundles, dealer selling price, fob dealer yard St Louis, $/gross ton	06 Dec 2021	548	0.00%	Dec 2021	548
MB-STE-0624	Steel scrap No1 dealer bundles, broker buying price, fob St Louis, $/gross ton	07 Dec 2021	550	**-1.79%**	Dec 2021	550
MB-STE-0359	Steel scrap machine shop turnings, dealer selling price, fob dealer yard St Louis, $/gross ton	06 Dec 2021	265	0.00%	Dec 2021	265
MB-STE-0627	Steel scrap machine shop turnings, broker buying price, fob St louis, $/gross ton	07 Dec 2021	260	**-3.70%**	Dec 2021	260
MB-STE-0358	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard St Louis, $/gross ton	06 Dec 2021	461	0.00%	Dec 2021	461
MB-STE-0360	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard St Louis, $/gross ton	06 Dec 2021	413	0.00%	Dec 2021	413
MB-STE-0631	Steel scrap plate and structurals 5ft and under, broker buying price, fob St Louis, $/gross ton	07 Dec 2021	430	**-2.27%**	Dec 2021	430
MB-STE-0626	Steel scrap shredded scrap, broker buying price, fob St Louis, $/gross ton	07 Dec 2021	455	**-2.15%**	Dec 2021	455

Composite

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0528	Steel scrap No1 heavy melt, consumer buying price, delivered mill Chicago, $/gross ton, weekly composite	31 Dec 2021	480	0.00%	Dec 2021	
MB-STE-0529	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, $/gross ton, weekly composite	31 Dec 2021	440	0.00%	Dec 2021	
MB-STE-0530	Steel scrap No1 heavy melt, consumer buying price, delivered mill Pittsburgh, $/gross ton, weekly composite	31 Dec 2021	475	0.00%	Dec 2021	
MB-STE-0531	Steel scrap No1 heavy melt, consumer buying price, delivered mill, $/gross ton, weekly composite	31 Dec 2021	465	0.00%	Dec 2021	
MB-STE-0524	Steel scrap No1 busheling, consumer buying price, delivered mill Chicago, $/gross ton, weekly composite	31 Dec 2021	580	0.00%	Dec 2021	
MB-STE-0525	Steel scrap No1 busheling, consumer buying price, delivered mill Cleveland, $/gross ton, weekly composite	31 Dec 2021	640	0.00%	Dec 2021	
MB-STE-0526	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, $/gross ton, weekly composite	31 Dec 2021	610	0.00%	Dec 2021	
MB-STE-0527	Steel scrap No1 busheling, consumer buying price, delivered mill, $/gross ton, weekly composite	31 Dec 2021	610	0.00%	Dec 2021	
MB-STE-0427	Steel scrap Shredded auto, daily composite, delivered mill US, $/gross ton	06 Jan 2022	525.75	0.00%	Dec 2021	525.44
MB-STE-0519	Steel scrap shredded auto scrap, consumer buying price, delivered mill Alabama, $/gross ton, weekly composite	31 Dec 2021	518	0.00%	Dec 2021	
MB-STE-0520	Steel scrap shredded auto scrap, consumer buying price, delivered mill Chicago, $/gross ton, weekly composite	31 Dec 2021	540	0.00%	Dec 2021	
MB-STE-0521	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, $/gross ton, weekly composite	31 Dec 2021	515	0.00%	Dec 2021	
MB-STE-0522	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, $/gross ton, weekly composite	31 Dec 2021	530	0.00%	Dec 2021	
MB-STE-0523	Steel scrap shredded auto scrap, consumer buying price, delivered mill, $/gross ton, weekly composite	31 Dec 2021	525.75	0.00%	Dec 2021	
MB-STE-0426	Steel scrap No1 heavy melt, daily composite, delivered mill US, $/gross ton	06 Jan 2022	465	0.00%	Dec 2021	465
MB-STE-0428	Steel scrap No1 busheling, daily composite, delivered mill US, $/gross ton	06 Jan 2022	610	0.00%	Dec 2021	610

US steel scrap shredder feed prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0786	Steel scrap shredder feed, fob Ohio Valley, $/gross ton	03 Jan 2022	227.94	-2.62%	Dec 2021	234.7
MB-STE-0787	Steel scrap shredder feed, fob Midwest, $/gross ton	03 Jan 2022	214.24	-2.65%	Dec 2021	220.07
MB-STE-0788	Steel scrap shredder feed, fob Southeast, $/gross ton	03 Jan 2022	181.24	-2.20%	Dec 2021	186.71

Boston stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0178	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Boston, US cents/lb	04 Jan 2022	32 - 33	0.00%	Dec 2021	32 - 33
MB-STS-0056	Stainless steel scrap 430 bundles, export yard buying price, delivered to yard Boston, $/gross ton	04 Jan 2022	717 - 739	0.00%	Dec 2021	717 - 739

Chicago stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0185	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Chicago, $/gross ton	04 Jan 2022	1478 - 1702	6.75%	Dec 2021	1366 - 1613
MB-STS-0063	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Chicago, US cents/lb	04 Jan 2022	66 - 76	6.77%	Dec 2021	61 - 72
MB-STS-0190	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, US cents/lb	04 Jan 2022	91 - 95	1.64%	Dec 2021	90.25 - 93.25
MB-STS-0068	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, $/gross ton	04 Jan 2022	2038 - 2128	1.63%	Dec 2021	2021.75 - 2088.75
MB-STS-0186	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Chicago, $/gross ton	04 Jan 2022	1568 - 1859	6.99%	Dec 2021	1478 - 1725
MB-STS-0064	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Chicago, US cents/lb	04 Jan 2022	70 - 83	6.99%	Dec 2021	66 - 77
MB-STS-0189	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, US cents/lb	04 Jan 2022	98 - 100	2.59%	Dec 2021	95.5 - 98.25
MB-STS-0067	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, $/gross ton	04 Jan 2022	2195 - 2240	2.59%	Dec 2021	2139.25 - 2200.75
MB-STS-0184	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Chicago, $/gross ton	04 Jan 2022	1568 - 1859	6.99%	Dec 2021	1478 - 1725
MB-STS-0062	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	04 Jan 2022	70 - 83	6.99%	Dec 2021	66 - 77
MB-STS-0191	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, US cents/lb	04 Jan 2022	36 - 37	2.82%	Dec 2021	35 - 38
MB-STS-0069	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, $/gross ton	04 Jan 2022	806 - 829	2.77%	Dec 2021	784.25 - 851.5
MB-STS-0187	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Chicago, $/gross ton	04 Jan 2022	515 - 582	-5.84%	Dec 2021	538 - 627
MB-STS-0065	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Chicago, US cents/lb	04 Jan 2022	23 - 26	-5.77%	Dec 2021	24 - 28
MB-STS-0192	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Chicago, US cents/lb	04 Jan 2022	31 - 33	0.00%	Dec 2021	30.25 - 33.5
MB-STS-0070	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Chicago, $/gross ton	04 Jan 2022	694 - 739	0.00%	Dec 2021	677.5 - 750.5
MB-STS-0194	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Chicago, US cents/lb	04 Jan 2022	26 - 28	0.00%	Dec 2021	26.25 - 29
MB-STS-0072	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Chicago, $/gross ton	04 Jan 2022	582 - 627	0.00%	Dec 2021	588 - 649.5
MB-STS-0193	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Chicago, US cents/lb	04 Jan 2022	31 - 33	0.00%	Dec 2021	31.5 - 34
MB-STS-0071	Stainless steel scrap 409 bundles, broker buying price, delivered to processor Chicago, $/gross ton	04 Jan 2022	694 - 739	0.00%	Dec 2021	705.25 - 761.5
MB-STS-0183	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Chicago, $/gross ton	04 Jan 2022	2374 - 2464	9.63%	Dec 2021	1971 - 2442
MB-STS-0061	Stainless steel scrap 316 solids, dealer buying price, delivered to yard Chicago, US cents/lb	04 Jan 2022	106 - 110	9.64%	Dec 2021	88 - 109
MB-STS-0066	Stainless steel scrap 316 solids, broker buying price, delivered to processor Chicago, $/gross ton	04 Jan 2022	2867 - 2979	1.16%	Dec 2021	2856 - 3001.5
MB-STS-0188	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Chicago, US cents/lb	04 Jan 2022	128 - 133	1.16%	Dec 2021	127.5 - 134

Cleveland stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0197	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Cleveland, $/gross	04 Jan 2022	1456 - 1568	6.29%	Dec 2021	1389 - 1456
MB-STS-0202	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Cleveland, US cents/lb	04 Jan 2022	90 - 95	1.09%	Dec 2021	90 - 93.25
MB-STS-0201	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Cleveland, US cents/lb	04 Jan 2022	95 - 100	1.04%	Dec 2021	95.25 - 98.5
MB-STS-0079	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Cleveland, $/gross ton	04 Jan 2022	2128 - 2240	1.04%	Dec 2021	2133.75 - 2206.5
MB-STS-0196	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Cleveland, $/gross	04 Jan 2022	1568 - 1680	6.63%	Dec 2021	1478 - 1568
MB-STS-0074	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Cleveland, US cents/lb	04 Jan 2022	70 - 75	6.62%	Dec 2021	66 - 70
MB-STS-0075	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Cleveland, US cents/lb	04 Jan 2022	65 - 70	6.30%	Dec 2021	62 - 65
MB-STS-0080	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Cleveland, $/gross ton	04 Jan 2022	2016 - 2128	1.10%	Dec 2021	2016 - 2088.75
MB-STS-0198	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Cleveland, $/gross	04 Jan 2022	1568 - 1680	6.63%	Dec 2021	1478 - 1568
MB-STS-0076	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Cleveland, US cents/lb	04 Jan 2022	70 - 75	6.62%	Dec 2021	66 - 70
MB-STS-0199	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Cleveland, $/gross	04 Jan 2022	448 - 560	-2.14%	Dec 2021	448 - 582
MB-STS-0077	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Cleveland, US cents/lb	04 Jan 2022	20 - 25	-2.17%	Dec 2021	20 - 26
MB-STS-0195	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Cleveland, $/gross	04 Jan 2022	2016 - 2464	12.37%	Dec 2021	1904 - 2083
MB-STS-0200	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Cleveland, US cents/lb	04 Jan 2022	128 - 136	1.54%	Dec 2021	127.5 - 134.25
MB-STS-0078	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Cleveland, $/gross ton	04 Jan 2022	2867 - 3046	1.53%	Dec 2021	2856 - 3007.25
MB-STS-0073	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Cleveland, US cents/lb	04 Jan 2022	90 - 110	12.36%	Dec 2021	85 - 93

Detroit stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0205	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Detroit, $/gross ton	04 Jan 2022	1478 - 1568	10.56%	Dec 2021	1366 - 1389
MB-STS-0083	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Detroit, US cents/lb	04 Jan 2022	66 - 70	10.57%	Dec 2021	61 - 62
MB-STS-0210	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, US cents/lb	04 Jan 2022	92 - 95	2.19%	Dec 2021	90.25 - 93.25
MB-STS-0088	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, $/gross ton	04 Jan 2022	2061 - 2128	2.20%	Dec 2021	2021.75 - 2088.75
MB-STS-0206	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Detroit, $/gross ton	04 Jan 2022	1568 - 1792	11.96%	Dec 2021	1478 - 1523
MB-STS-0084	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Detroit, US cents/lb	04 Jan 2022	70 - 80	11.94%	Dec 2021	66 - 68

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0209	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, US cents/lb	04 Jan 2022	98 - 100	2.59%	Dec 2021	95.5 - 98.5
MB-STS-0087	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, $/gross ton	04 Jan 2022	2195 - 2240	2.59%	Dec 2021	2139.25 - 2206.5
MB-STS-0204	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Detroit, $/gross ton	04 Jan 2022	1568 - 1792	11.96%	Dec 2021	1478 - 1523
MB-STS-0082	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	04 Jan 2022	70 - 80	11.94%	Dec 2021	66 - 68
MB-STS-0207	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Detroit, $/gross ton	04 Jan 2022	538 - 560	-1.96%	Dec 2021	538 - 582
MB-STS-0085	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Detroit, US cents/lb	04 Jan 2022	24 - 25	-2.00%	Dec 2021	24 - 26
MB-STS-0211	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Detroit, US cents/lb	04 Jan 2022	36 - 37	0.00%	Dec 2021	36 - 37.75
MB-STS-0089	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Detroit, $/gross ton	04 Jan 2022	806 - 829	0.00%	Dec 2021	806.25 - 845.75
MB-STS-0212	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Detroit, US cents/lb	04 Jan 2022	31 - 33	-1.54%	Dec 2021	31.5 - 33.25
MB-STS-0213	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Detroit, US cents/lb	04 Jan 2022	26 - 28	0.00%	Dec 2021	26.75 - 28.5
MB-STS-0091	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Detroit, $/gross ton	04 Jan 2022	582 - 627	0.00%	Dec 2021	599 - 638.25
MB-STS-0090	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Detroit, $/gross ton	04 Jan 2022	694 - 739	-1.58%	Dec 2021	705.5 - 744.75
MB-STS-0208	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Detroit, US cents/lb	04 Jan 2022	128 - 135	1.94%	Dec 2021	127 - 134
MB-STS-0086	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Detroit, $/gross ton	04 Jan 2022	2867 - 3024	1.94%	Dec 2021	2844.75 - 3001.5
MB-STS-0203	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Detroit, $/gross ton	04 Jan 2022	2374 - 2576	22.10%	Dec 2021	1971 - 2083
MB-STS-0081	Stainless steel scrap 316 solids, dealer buying price, delivered to yard Detroit, US cents/lb	04 Jan 2022	106 - 115	22.10%	Dec 2021	88 - 93

East Coast stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0297	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard East Coast, $/gross ton	04 Jan 2022	1680 - 1747	6.26%	Dec 2021	1478 - 1747
MB-STS-0287	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard East Coast, US cents/lb	04 Jan 2022	75 - 78	6.25%	Dec 2021	66 - 78
MB-STS-0295	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard East Coast, $/gross ton	04 Jan 2022	1680 - 1747	1.33%	Dec 2021	1635 - 1747
MB-STS-0285	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard East Coast, US cents/lb	04 Jan 2022	75 - 78	1.32%	Dec 2021	73 - 78
MB-STS-0286	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard East Coast, US cents/lb	04 Jan 2022	66 - 68	0.00%	Dec 2021	66 - 68
MB-STS-0296	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard East Coast, $/gross ton	04 Jan 2022	1478 - 1523	0.00%	Dec 2021	1478 - 1523
MB-STS-0298	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard East Coast, $/gross ton	04 Jan 2022	493 - 560	-7.87%	Dec 2021	538 - 605

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0288	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard East Coast, US cents/lb	04 Jan 2022	22 - 25	-7.84%	Dec 2021	24 - 27
MB-STS-0294	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard East Coast, $/gross ton	04 Jan 2022	2262 - 2464	11.65%	Dec 2021	1971 - 2262
MB-STS-0284	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard East Coast, US cents/lb	04 Jan 2022	101 - 110	11.64%	Dec 2021	88 - 101

Houston stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0218	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Houston, US cents/lb	04 Jan 2022	98 - 100	2.59%	Dec 2021	94.75 - 96.75
MB-STS-0096	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Houston, $/gross ton	04 Jan 2022	2195 - 2240	2.59%	Dec 2021	2122.5 - 2167.25
MB-STS-0215	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Houston, $/gross ton	04 Jan 2022	1568 - 1680	3.57%	Dec 2021	1344 - 1792
MB-STS-0093	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	04 Jan 2022	70 - 75	3.57%	Dec 2021	60 - 80
MB-STS-0219	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Houston, US cents/lb	04 Jan 2022	90 - 95	1.65%	Dec 2021	88.5 - 90.75
MB-STS-0097	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Houston, $/gross ton	04 Jan 2022	2016 - 2128	1.64%	Dec 2021	1982.5 - 2033
MB-STS-0216	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Houston, $/gross ton	04 Jan 2022	1232 - 1456	-12.41%	Dec 2021	1389 - 1680
MB-STS-0094	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Houston, US cents/lb	04 Jan 2022	55 - 65	-12.41%	Dec 2021	62 - 75
MB-STS-0220	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Houston, US cents/lb	04 Jan 2022	37 - 38	5.63%	Dec 2021	32.5 - 35
MB-STS-0098	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Houston, $/gross ton	04 Jan 2022	829 - 851	5.59%	Dec 2021	727.75 - 784.25
MB-STS-0221	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Houston, US cents/lb	04 Jan 2022	24 - 25	-3.92%	Dec 2021	24.75 - 26.25
MB-STS-0099	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Houston, $/gross ton	04 Jan 2022	538 - 560	-3.94%	Dec 2021	554.25 - 588.25
MB-STS-0214	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Houston, $/gross ton	04 Jan 2022	2397 - 2419	10.26%	Dec 2021	2016 - 2352
MB-STS-0092	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	04 Jan 2022	107 - 108	10.26%	Dec 2021	90 - 105
MB-STS-0217	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Houston, US cents/lb	04 Jan 2022	133 - 136	0.37%	Dec 2021	132.25 - 136
MB-STS-0095	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Houston, $/gross ton	04 Jan 2022	2979 - 3046	0.37%	Dec 2021	2962.5 - 3046.25

Los Angeles stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0227	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Los Angeles, US cents/lb	04 Jan 2022	51.43 - 53.57	2.26%	Dec 2021	49.39 - 51.62
MB-STS-0105	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Los Angeles, $/gross ton	04 Jan 2022	1152 - 1200	2.26%	Dec 2021	1106.25 - 1156.25

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0226	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Los Angeles, US cents/lb	04 Jan 2022	71.43 - 72.55	1.58%	Dec 2021	69.48 - 70.59
MB-STS-0104	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Los Angeles, $/gross ton	04 Jan 2022	1600 - 1625	1.57%	Dec 2021	1556.25 - 1581.25
MB-STS-0228	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Los Angeles, US cents/lb	04 Jan 2022	16.52 - 17.41	5.53%	Dec 2021	15.41 - 16.3
MB-STS-0106	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Los Angeles, $/gross ton	04 Jan 2022	370 - 390	5.56%	Dec 2021	345 - 365

Montreal stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0252	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Montreal, Canadian $/gross ton	04 Jan 2022	2016 - 2038	7.08%	Dec 2021	1725 - 2061
MB-STS-0253	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Montreal, Canadian $/gross ton	04 Jan 2022	2195 - 2218	-2.48%	Dec 2021	2173 - 2352
MB-STS-0131	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	04 Jan 2022	98 - 99	-2.48%	Dec 2021	97 - 105
MB-STS-0130	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	04 Jan 2022	90 - 91	7.10%	Dec 2021	77 - 92
MB-STS-0129	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	04 Jan 2022	98 - 99	-2.48%	Dec 2021	97 - 105
MB-STS-0251	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Montreal, Canadian $/gross ton	04 Jan 2022	2195 - 2218	-2.48%	Dec 2021	2173 - 2352
MB-STS-0128	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	04 Jan 2022	133 - 134	-4.98%	Dec 2021	135 - 146
MB-STS-0250	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Montreal, Canadian $/gross ton	04 Jan 2022	2979 - 3002	-4.97%	Dec 2021	3024 - 3270

New York stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0236	Stainless steel scrap 304 turnings, broker buying price, delivered to processor New York, US cents/lb	04 Jan 2022	92 - 95	4.47%	Dec 2021	88 - 92.25
MB-STS-0114	Stainless steel scrap 304 turnings, broker buying price, delivered to processor New York, $/gross ton	04 Jan 2022	2061 - 2128	4.49%	Dec 2021	1971 - 2066.25
MB-STS-0116	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, $/gross ton	04 Jan 2022	1904 - 1938	0.00%	Dec 2021	1904 - 1938
MB-STS-0238	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, US cents/lb	04 Jan 2022	85 - 86.5	0.00%	Dec 2021	85 - 86.5
MB-STS-0235	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor New York, US cents/lb	04 Jan 2022	98 - 100	2.59%	Dec 2021	95.5 - 98.5
MB-STS-0113	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor New York, $/gross ton	04 Jan 2022	2195 - 2240	2.59%	Dec 2021	2139.25 - 2206.5
MB-STS-0237	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, US cents/lb	04 Jan 2022	94.5 - 95	1.88%	Dec 2021	93.5 - 95.13
MB-STS-0115	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, $/gross ton	04 Jan 2022	2117 - 2128	1.87%	Dec 2021	2094.5 - 2131
MB-STS-0239	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, US cents/lb	04 Jan 2022	32 - 33	0.00%	Dec 2021	32 - 33

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0117	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, $/gross ton	04 Jan 2022	717 - 739	0.00%	Dec 2021	717 - 739
MB-STS-0234	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor New York, US cents/lb	04 Jan 2022	128 - 133	1.16%	Dec 2021	125.5 - 133.5
MB-STS-0112	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor New York, $/gross ton	04 Jan 2022	2867 - 2979	1.16%	Dec 2021	2811.25 - 2990.25

Philadelphia stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0241	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Philadelphia, US cents/lb	04 Jan 2022	85 - 86.5	0.00%	Dec 2021	85 - 86.5
MB-STS-0119	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Philadelphia, $/gross ton	04 Jan 2022	1904 - 1938	0.00%	Dec 2021	1904 - 1938
MB-STS-0240	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Philadelphia, US cents/lb	04 Jan 2022	94.5 - 95	1.88%	Dec 2021	93.5 - 95.13
MB-STS-0118	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Philadelphia, $/gross ton	04 Jan 2022	2117 - 2128	1.87%	Dec 2021	2094.5 - 2131
MB-STS-0242	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Philadelphia, US cents/lb	04 Jan 2022	32 - 33	0.00%	Dec 2021	32 - 33
MB-STS-0120	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Philadelphia, $/gross ton	04 Jan 2022	717 - 739	0.00%	Dec 2021	717 - 739

Pittsburgh stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0042	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	04 Jan 2022	55 - 67	8.93%	Dec 2021	50 - 62
MB-STS-0164	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Pittsburgh, $/gross ton	04 Jan 2022	1232 - 1501	8.93%	Dec 2021	1120 - 1389
MB-STS-0169	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	04 Jan 2022	90 - 95	2.21%	Dec 2021	89 - 93.25
MB-STS-0047	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, $/gross ton	04 Jan 2022	2016 - 2128	2.22%	Dec 2021	1993.5 - 2088.75
MB-STS-0256	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Dec 2021	87 - 87.75	4.65%	Dec 2021	87 - 87.75
MB-STS-0134	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Dec 2021	1949 - 1966	4.65%	Dec 2021	1949 - 1966
MB-STS-0168	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, US cents/lb	04 Jan 2022	98 - 100	3.13%	Dec 2021	94.75 - 98.5
MB-STS-0255	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Dec 2021	96 - 97.5	4.59%	Dec 2021	96 - 97.5
MB-STS-0163	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Pittsburgh, $/gross ton	04 Jan 2022	1344 - 1680	17.39%	Dec 2021	1008 - 1568
MB-STS-0041	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	04 Jan 2022	60 - 75	17.39%	Dec 2021	45 - 70
MB-STS-0046	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, $/gross ton	04 Jan 2022	2195 - 2240	3.12%	Dec 2021	2122.75 - 2206.5
MB-STS-0133	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Dec 2021	2150 - 2184	4.58%	Dec 2021	2150 - 2184

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0165	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Pittsburgh, $/gross ton	04 Jan 2022	1344 - 1680	17.39%	Dec 2021	1008 - 1568
MB-STS-0043	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	04 Jan 2022	60 - 75	17.39%	Dec 2021	45 - 70
MB-STS-0171	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	04 Jan 2022	31 - 33	1.59%	Dec 2021	29.5 - 33
MB-STS-0049	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Pittsburgh, $/gross ton	04 Jan 2022	694 - 739	1.56%	Dec 2021	660.75 - 739.5
MB-STS-0257	Stainless steel scrap 430 bundles, solids, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Dec 2021	33.71 - 34.6	0.00%	Dec 2021	33.71 - 34.6
MB-STS-0170	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, US cents/lb	04 Jan 2022	36 - 37	0.00%	Dec 2021	35 - 37.75
MB-STS-0048	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, $/gross ton	04 Jan 2022	806 - 829	0.00%	Dec 2021	784 - 845.75
MB-STS-0135	Stainless steel scrap 430 bundles, solids, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Dec 2021	755 - 775	0.00%	Dec 2021	755 - 775
MB-STS-0166	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Pittsburgh, $/gross ton	04 Jan 2022	336 - 560	-2.40%	Dec 2021	336 - 582
MB-STS-0044	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	04 Jan 2022	15 - 25	-2.44%	Dec 2021	15 - 26
MB-STS-0172	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Pittsburgh, US cents/lb	04 Jan 2022	31 - 33	-1.54%	Dec 2021	30.75 - 33.25
MB-STS-0258	Stainless steel scrap 409 bundles, solids, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Dec 2021	29.24 - 29.46	0.00%	Dec 2021	29.24 - 29.46
MB-STS-0136	Stainless steel scrap 409 bundles, solids, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Dec 2021	655 - 660	0.00%	Dec 2021	655 - 660
MB-STS-0173	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	04 Jan 2022	26 - 28	0.00%	Dec 2021	25.25 - 28.25
MB-STS-0050	Stainless steel scrap 409 bundles, broker buying price, delivered to processor Pittsburgh, $/gross ton	04 Jan 2022	694 - 739	-1.58%	Dec 2021	688.75 - 744.75
MB-STS-0051	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Pittsburgh, $/gross ton	04 Jan 2022	582 - 627	0.00%	Dec 2021	565.5 - 632.75
MB-STS-0167	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Pittsburgh, US cents/lb	04 Jan 2022	128 - 136	2.33%	Dec 2021	127.5 - 134
MB-STS-0254	Stainless steel scrap 316 solids, clips, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Dec 2021	138 - 138.5	2.41%	Dec 2021	138 - 138.5
MB-STS-0162	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Pittsburgh, $/gross ton	04 Jan 2022	1792 - 2464	13.10%	Dec 2021	1680 - 2083
MB-STS-0040	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	04 Jan 2022	80 - 110	13.10%	Dec 2021	75 - 93
MB-STS-0132	Stainless steel scrap 316 solids, clips, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Dec 2021	3091 - 3102	2.40%	Dec 2021	3091 - 3102
MB-STS-0045	Stainless steel scrap 316 solids, broker buying price, delivered to processor Pittsburgh, $/gross ton	04 Jan 2022	2867 - 3046	2.32%	Dec 2021	2856 - 3001.5

San Francisco stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0248	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard San Francisco, US cents/lb	04 Jan 2022	51.34 - 53.57	2.18%	Dec 2021	49.39 - 51.62

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0126	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard San Francisco, $/gross ton	04 Jan 2022	1150 - 1200	2.17%	Dec 2021	1106.25 - 1156.25
MB-STS-0247	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard San Francisco, US cents/lb	04 Jan 2022	71.43 - 72.55	1.58%	Dec 2021	69.48 - 70.59
MB-STS-0125	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard San Francisco, $/gross ton	04 Jan 2022	1600 - 1625	1.57%	Dec 2021	1556.25 - 1581.25
MB-STS-0249	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard San Francisco, US cents/lb	04 Jan 2022	16.52 - 17.41	5.53%	Dec 2021	15.41 - 16.3
MB-STS-0127	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard San Francisco, $/gross ton	04 Jan 2022	370 - 390	5.56%	Dec 2021	345 - 365

Southeast US stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0151	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	04 Jan 2022	90 - 95	1.09%	Dec 2021	90.25 - 93.25
MB-STS-0139	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Southeast US, $/gross ton	04 Jan 2022	2016 - 2128	1.10%	Dec 2021	2021.5 - 2088.75
MB-STS-0147	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Southeast US, US cents/lb	04 Jan 2022	38 - 75	13.00%	Dec 2021	38 - 62
MB-STS-0159	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Southeast US, $/gross ton	04 Jan 2022	851 - 1680	12.99%	Dec 2021	851 - 1389
MB-STS-0138	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Southeast US, $/gross ton	04 Jan 2022	2195 - 2240	2.59%	Dec 2021	2139.25 - 2206.5
MB-STS-0150	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Southeast US, US cents/lb	04 Jan 2022	98 - 100	2.59%	Dec 2021	95.5 - 98.5
MB-STS-0158	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Southeast US, $/gross ton	04 Jan 2022	1120 - 1904	13.43%	Dec 2021	1120 - 1546
MB-STS-0146	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Southeast US, US cents/lb	04 Jan 2022	50 - 85	13.45%	Dec 2021	50 - 69
MB-STS-0145	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Southeast US, US cents/lb	04 Jan 2022	50 - 85	13.45%	Dec 2021	50 - 69
MB-STS-0157	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Southeast US, $/gross ton	04 Jan 2022	1120 - 1904	13.43%	Dec 2021	1120 - 1546
MB-STS-0161	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Southeast US, $/gross ton	04 Jan 2022	403 - 560	-2.23%	Dec 2021	403 - 582
MB-STS-0155	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Southeast US, US cents/lb	04 Jan 2022	35 - 37	-1.37%	Dec 2021	35.75 - 37.75
MB-STS-0143	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Southeast US, $/gross ton	04 Jan 2022	784 - 829	-1.35%	Dec 2021	800.5 - 845.75
MB-STS-0144	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Southeast US, $/gross ton	04 Jan 2022	560 - 739	-7.94%	Dec 2021	694 - 739.5
MB-STS-0156	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	04 Jan 2022	25 - 33	-7.94%	Dec 2021	31 - 33
MB-STS-0149	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Southeast US, US cents/lb	04 Jan 2022	18 - 25	-2.27%	Dec 2021	18 - 26
MB-STS-0154	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	04 Jan 2022	26 - 28	0.00%	Dec 2021	26.25 - 28.25
MB-STS-0142	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Southeast US, $/gross ton	04 Jan 2022	582 - 627	0.00%	Dec 2021	587.75 - 632.75

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0141	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Southeast US, $/gross ton	04 Jan 2022	672 - 739	-3.09%	Dec 2021	705.5 - 744.75
MB-STS-0153	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Southeast US, US cents/lb	04 Jan 2022	30 - 33	-3.08%	Dec 2021	31.5 - 33.25
MB-STS-0160	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Southeast US, $/gross ton	04 Jan 2022	1837 - 2464	8.47%	Dec 2021	1837 - 2128
MB-STS-0148	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Southeast US, US cents/lb	04 Jan 2022	82 - 110	8.47%	Dec 2021	82 - 95
MB-STS-0152	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Southeast US, US cents/lb	04 Jan 2022	128 - 138	3.10%	Dec 2021	127.5 - 134
MB-STS-0140	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Southeast US, $/gross ton	04 Jan 2022	2867 - 3091	3.10%	Dec 2021	2856 - 3001.5

West Coast stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0301	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard West Coast, $/gross ton	04 Jan 2022	762 - 806	2.95%	Dec 2021	739 - 784
MB-STS-0291	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard West Coast, US cents/lb	04 Jan 2022	34 - 36	2.94%	Dec 2021	33 - 35
MB-STS-0302	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard West Coast, $/gross ton	04 Jan 2022	1142 - 1187	2.92%	Dec 2021	1098 - 1165
MB-STS-0292	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard West Coast, US cents/lb	04 Jan 2022	51 - 53	2.97%	Dec 2021	49 - 52
MB-STS-0300	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard West Coast, $/gross ton	04 Jan 2022	1142 - 1187	2.92%	Dec 2021	1098 - 1165
MB-STS-0290	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard West Coast, US cents/lb	04 Jan 2022	51 - 53	2.97%	Dec 2021	49 - 52
MB-STS-0299	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard West Coast, $/gross ton	04 Jan 2022	1434 - 1478	0.00%	Dec 2021	1434 - 1478
MB-STS-0289	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard West Coast, US cents/lb	04 Jan 2022	64 - 66	0.00%	Dec 2021	64 - 66

Europe domestic

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0431	Steel scrap 12 D new production clean shovellable steel domestic, delivered consumer UK, £/tonne	10 Dec 2021	295 - 310	0.00%	Dec 2021	295 - 310
MB-STE-0432	Steel scrap 12 A/C new production heavy steel domestic, delivered consumer UK, £/tonne	10 Dec 2021	290 - 305	0.00%	Dec 2021	290 - 305
MB-STE-0430	Steel scrap 7B heavy steel turnings inter-merchant, delivered to export dock UK, £/tonne	10 Dec 2021	210 - 225	0.00%	Dec 2021	210 - 225
MB-STE-0081	Steel scrap 4C new steel bales domestic, delivered consumer UK, £/tonne	10 Dec 2021	285 - 300	0.00%	Dec 2021	285 - 300
MB-STE-0087	Steel scrap OA plate and structural domestic, delivered consumer UK, £/tonne	10 Dec 2021	250 - 265	0.00%	Dec 2021	250 - 265
MB-STE-0080	Steel scrap 4A new steel bales domestic, delivered consumer UK, £/tonne	10 Dec 2021	295 - 310	0.00%	Dec 2021	295 - 310
MB-STE-0084	Steel scrap 8B new loose light cuttings domestic, delivered consumer UK, £/tonne	10 Dec 2021	270 - 285	0.00%	Dec 2021	270 - 285

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0085	Steel scrap 9A/10 heavy and light cast iron domestic, delivered consumer UK, £/tonne	10 Dec 2021	240 - 255	0.00%	Dec 2021	240 - 255
MB-STE-0078	Steel scrap 11A cast iron borings (low P) domestic, delivered consumer UK, £/tonne	10 Dec 2021	200 - 210	0.00%	Dec 2021	200 - 210
MB-STE-0086	Steel scrap 9B/C cylinder block scrap domestic, delivered consumer UK, £/tonne	10 Dec 2021	260 - 275	0.00%	Dec 2021	260 - 275
MB-STE-0083	Steel scrap 8A new loose light cuttings domestic, delivered consumer UK, £/tonne	10 Dec 2021	285 - 300	0.00%	Dec 2021	285 - 300
MB-STE-0077	Steel scrap 1&2 old steel domestic, delivered consumer UK, £/tonne	10 Dec 2021	230 - 245	0.00%	Dec 2021	230 - 245
MB-STS-0012	Steel scrap 5C loose old light domestic, delivered inter-merchant UK, £/tonne	31 Dec 2021	185 - 200	0.00%	Dec 2021	185 - 200
MB-STE-0167	Steel scrap No E3 (old thick scrap) domestic, delivered mill Italy, €/tonne	14 Dec 2021	420 - 430	**6.25%**	Dec 2021	420 - 430
MB-STE-0169	Steel scrap No E3 (old thick steel scrap) domestic, delivered mill Germany, €/tonne	17 Dec 2021	420 - 430	**1.19%**	Dec 2021	420 - 430
MB-STE-0093	Steel scrap auto bundle scrap domestic, delivered Turkey, lira/tonne	04 Jan 2022	5540 - 6475	**12.24%**	Dec 2021	5722.5 - 6716.25
MB-STE-0415	Steel scrap E8 thin new production steel domestic, delivered consumer Germany, €/tonne	17 Dec 2021	490 - 500	**1.54%**	Dec 2021	490 - 500
MB-STE-0168	Steel scrap No E8 (thin new production steel scrap) domestic, delivered mill Italy, €/tonne	14 Dec 2021	490 - 510	**6.38%**	Dec 2021	490 - 510
MB-STE-0414	Steel scrap E40 shredded domestic, delivered consumer Germany, €/tonne	17 Dec 2021	430 - 440	**0.58%**	Dec 2021	430 - 440
MB-STE-0849	Steel scrap E40 shredded, delivered to mill Italy, €/tonne	14 Dec 2021	475 - 490	**6.04%**	Dec 2021	475 - 490

Europe export

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0095	Steel scrap shredded import, cfr delivered Turkish port, $/tonne	31 Dec 2021	468 - 478	**-1.36%**	Dec 2021	479.4 - 488.8
MB-STE-0096	Steel scrap HMS 1&2 (75:25 mix) import, cfr delivered Turkish port, $/tonne	31 Dec 2021	449 - 451	0.00%	Dec 2021	454.2 - 456.8
MB-STE-0097	Steel scrap HMS 1&2 (75:25 mix) export, fob Rotterdam, $/tonne	31 Dec 2021	411 - 413	0.00%	Dec 2021	416.2 - 418.8
MB-STE-0098	Steel scrap shredded export, fob Rotterdam, $/tonne	31 Dec 2021	429 - 431	**-1.38%**	Dec 2021	440.4 - 442.4
MB-STE-0099	Steel scrap shredded export, fob main port UK, $/tonne	31 Dec 2021	443 - 445	**0.34%**	Dec 2021	449.2 - 451.6
MB-STE-0100	Steel scrap HMS 1&2 (80:20 mix) export, fob main port UK, $/tonne	31 Dec 2021	423 - 425	**0.36%**	Dec 2021	429.2 - 431.6
MB-STE-0416	Steel scrap HMS 1&2 (80:20 mix) North Europe origin, cfr Turkey, $/tonne	06 Jan 2022	454.76	**1.63%**	Dec 2021	464.6
MB-STE-0894	Steel scrap, HMS 1&2 (80:20 mix), month-to-date deal-weighted average, North Europe origin, cfr Turkey, $/tonne	06 Jan 2022	456.9	**2.11%**	Dec 2021	469.67
MB-STE-0417	Steel scrap HMS 1&2 (80:20 mix) US origin, cfr Turkey, $/tonne	06 Jan 2022	463.05	**1.60%**	Dec 2021	472.57
MB-STE-0420	Steel scrap HMS 1&2 (80:20 mix), fob Rotterdam, $/tonne	31 Dec 2021	412.88	**-2.05%**	Dec 2021	427.45

European stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0008	Stainless steel scrap 18/8 solids import, cif main European port, €/tonne	31 Dec 2021	1850 - 1870	0.00%	Dec 2021	1846 - 1870
MB-STS-0011	Stainless steel scrap 18/8 turnings domestic, delivered merchants UK, £/tonne	31 Dec 2021	1305 - 1365	0.00%	Dec 2021	1294 - 1356
MB-STS-0010	Stainless steel scrap 18/8 solids domestic, delivered merchants UK, £/tonne	31 Dec 2021	1500 - 1570	0.00%	Dec 2021	1488 - 1560

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0009	Stainless steel scrap 18/8 turnings import, cif main European port, €/tonne	31 Dec 2021	1700	0.00%	Dec 2021	1681 - 1694
MB-STS-0013	Stainless steel scrap 12-13% Cr solids domestic, delivered merchants UK, £/tonne	31 Dec 2021	350 - 370	0.00%	Dec 2021	350 - 370
MB-STS-0014	Stainless steel scrap 16-17% Cr solids domestic, delivered merchants UK, £/tonne	31 Dec 2021	390 - 410	0.00%	Dec 2021	390 - 410
MB-STS-0261	Stainless steel scrap 316 solids import, cif main port Europe, €/tonne	31 Dec 2021	2650 - 2660	0.00%	Dec 2021	2634 - 2646
MB-STS-0262	Stainless steel scrap 316 turnings import, cif main port Europe, €/tonne	31 Dec 2021	2385 - 2395	0.00%	Dec 2021	2371 - 2382
MB-STS-0260	Stainless steel scrap 316 turnings domestic, delivered merchants UK, £/tonne	31 Dec 2021	1825 - 1915	0.00%	Dec 2021	1812 - 1897
MB-STS-0259	Stainless steel scrap 316 solids domestic, delivered merchants UK, £/tonne	31 Dec 2021	2100 - 2200	0.00%	Dec 2021	2084 - 2180

Asia domestic and export

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0149	Steel scrap heavy scrap domestic, delivered mill China, yuan/tonne	31 Dec 2021	3500 - 3610	0.00%	Dec 2021	3370 - 3476
MB-STE-0889	Steel scrap, index, heavy recycled steel materials, cfr east China, $/tonne	04 Jan 2022	492.83	**0.78%**	Dec 2021	475.18
MB-STE-0895	Steel scrap, index, heavy recycled steel materials, cfr north China, $/tonne	04 Jan 2022	502.83	**0.77%**	Dec 2021	485.18
MB-STE-0464	Steel scrap HMS 1&2 (80:20 mix) US material import, cfr main port Taiwan, $/tonne	06 Jan 2022	430 - 432	0.00%	Dec 2021	446.83 - 449.43
MB-STE-0874	Steel scrap H2 export, fob main port Japan, ¥/tonne	05 Jan 2022	47000 - 49000	**1.05%**	Dec 2021	47700 - 49100
MB-STE-0875	Steel scrap shredded export, fob main port Japan, ¥/tonne	05 Jan 2022	51500 - 53000	0.00%	Dec 2021	52400 - 54000
MB-STE-0876	Steel scrap Shindachi bara export, fob main port Japan, ¥/tonne	05 Jan 2022	55000 - 57000	0.00%	Dec 2021	58000 - 59300
MB-STE-0877	Steel scrap heavy scrap (HS) export, fob main port Japan, ¥/tonne	05 Jan 2022	54000 - 56000	0.00%	Dec 2021	56100 - 58100
MB-STE-0878	Steel scrap H2 Japan-origin import, cfr Vietnam, $/tonne	31 Dec 2021	480	**-1.03%**	Dec 2021	488 - 490
MB-STE-0783	Steel scrap HMS 1&2 (80:20), cfr Vietnam, $/tonne	31 Dec 2021	500	0.00%	Dec 2021	515 - 518
MB-STE-0879	Steel scrap H2 Japan origin import, cfr main port South Korea, ¥/tonne	31 Dec 2021	50500 - 51500	**0.49%**	Dec 2021	50600 - 51900
MB-STE-0880	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr South Korea, $/tonne	31 Dec 2021	490 - 500	0.00%	Dec 2021	500 - 506
MB-STE-0421	Steel scrap shredded, index, import, cfr Nhava Sheva, India $/tonne	04 Jan 2022	523.64	**1.68%**	Dec 2021	529.46
MB-STE-0413	Steel scrap HMS 1&2 (80:20 mix) import, cfr Nhava Sheva, India, $/tonne	31 Dec 2021	430 - 445	**-2.78%**	Dec 2021	444 - 458
MB-STE-0881	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr Bangladesh, $/tonne	06 Jan 2022	520 - 525	0.00%	Dec 2021	526 - 541
MB-STE-0884	Steel scrap HMS 1&2 (80:20) containerized import, cfr Bangladesh, $/tonne	06 Jan 2022	515 - 525	0.00%	Dec 2021	518 - 532.8
MB-STE-0885	Steel scrap shredded containerized import, cfr Bangladesh, $/tonne	06 Jan 2022	550 - 560	**1.37%**	Dec 2021	555 - 560
MB-STE-0886	Steel scrap shredded deep-sea origin import, cfr Bangladesh, $/tonne	06 Jan 2022	530 - 540	0.00%	Dec 2021	541 - 555
MB-STE-0887	Steel scrap shredded, index, import, cfr Port Qasim, Pakistan $/tonne	31 Dec 2021	534.27	**0.03%**	Dec 2021	543.98

Base metals premiums

Source: dashboard.fastmarkets.com/m/30e12191-84d2-4805-a994-4c1c21976c25

Alumina index, aluminium premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ALU-0002	Alumina index, fob Australia, $/tonne	06 Jan 2022	342.86	-0.60%	Dec 2021	356.24
MB-AL-0329	Aluminium P1020A premium, cif Taiwan, $/tonne	29 Dec 2021	160 - 200	-4.00%	Dec 2021	167.5 - 200
MB-AL-0001	Aluminium P1020A (MJP) quarterly premium, cif Japan, $/tonne	05 Oct 2021	215 - 220	21.85%	Dec 2021	215 - 220
MB-AL-0343	Aluminium P1020A (MJP) spot premium, cif Japan, $/tonne	04 Jan 2022	160 - 180	0.00%	Dec 2021	161.67 - 180
MB-AL-0328	Aluminium P1020A premium, bonded in-whs, Shanghai, $/tonne	29 Dec 2021	50 - 80	-13.33%	Dec 2021	50 - 80
MB-AL-0345	Aluminium P1020A premium, cif Shanghai, $/tonne	29 Dec 2021	50 - 70	-7.69%	Dec 2021	50 - 70
MB-AL-0307	Aluminium P1020A premium, fca South Korea, $/tonne	04 Jan 2022	175 - 185	0.00%	Dec 2021	175 - 185
MB-AL-0344	Aluminium P1020A premium, cif South Korea, $/tonne	04 Jan 2022	160 - 170	0.00%	Dec 2021	160 - 170
MB-AL-0316	Aluminium P1020A premium, fca dp Italy, $/tonne	04 Jan 2022	420 - 450	6.10%	Dec 2021	377.5 - 396.25
MB-AL-0346	Aluminium P1020A premium, in-whs dup Rotterdam, $/tonne	06 Jan 2022	300 - 320	0.00%	Dec 2021	250.24 - 266.43
MB-AL-0004	Aluminium P1020A premium, in-whs dp Rotterdam, $/tonne	04 Jan 2022	410 - 440	4.94%	Dec 2021	321.11 - 345
MB-AL-0319	Aluminium P1020A premium, fca dp Spain, $/tonne	29 Dec 2021	400 - 420	10.81%	Dec 2021	382.5 - 397.5
MB-AL-0337	Aluminium P1020A premium, cif dup Turkey, $/tonne	29 Dec 2021	320 - 340	20.00%	Dec 2021	295 - 310
MB-AL-0020	Aluminium P1020A premium, ddp Midwest US, US cents/lb	04 Jan 2022	29 - 31	0.00%	Dec 2021	27.22 - 29.78
MB-AL-0021	Aluminium P1020A premium, delivered Sao Paulo region, $/tonne	29 Dec 2021	350 - 400	-11.76%	Dec 2021	375 - 425
MB-AL-0022	Aluminium P1020A premium, cif dup Brazilian main ports, $/tonne	29 Dec 2021	380 - 400	0.00%	Dec 2021	380 - 400
MB-AL-0381	Aluminium low-carbon differential P1020A, Europe, $/tonne	03 Dec 2021	0 - 10	0.00%	Dec 2021	0 - 10
MB-AL-0377	Aluminium P1020A premium, in-whs dup Rotterdam, inferred low-carbon midpoint, $/tonne	06 Jan 2022	315	0.00%	Dec 2021	263.33
MB-AL-0378	Aluminium P1020A premium, in-whs dp Rotterdam, inferred low-carbon midpoint, $/tonne	04 Jan 2022	430	4.88%	Dec 2021	338.06

Copper premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0386	Copper grade A cathode premium, cif Taiwan, $/tonne	29 Dec 2021	75 - 90	0.00%	Dec 2021	75 - 90
MB-CU-0405	Copper grade A cathode premium, in-whs Shanghai, $/tonne	06 Jan 2022	70 - 85	-3.73%	Dec 2021	84.52 - 104.9
MB-CU-0383	Copper grade A cathode ER premium, bonded in-whs Shanghai, $/tonne	06 Jan 2022	80 - 85	-1.79%	Dec 2021	94.52 - 104.9
MB-CU-0382	Copper grade A cathode SX-EW premium, bonded in-whs Shanghai, $/tonne	06 Jan 2022	70 - 78	-3.27%	Dec 2021	84.52 - 93.67
MB-CU-0403	Copper grade A cathode premium, cif Shanghai, $/tonne	06 Jan 2022	66 - 83	0.00%	Dec 2021	75.24 - 94.62
MB-CU-0380	Copper grade A cathode ER premium, cif Shanghai, $/tonne	06 Jan 2022	75 - 83	0.00%	Dec 2021	84.14 - 94.62
MB-CU-0384	Copper grade A cathode SX-EW premium, cif Shanghai, $/tonne	06 Jan 2022	66 - 72	-2.13%	Dec 2021	75.24 - 81.81
MB-CU-0399	Copper grade A cathode premium, cif Southeast Asia, $/tonne	04 Jan 2022	80 - 90	0.00%	Dec 2021	80 - 90
MB-CU-0404	Copper grade A cathode premium, cif South Korea, $/tonne	29 Dec 2021	75 - 85	0.00%	Dec 2021	75 - 85
MB-CU-0372	Copper grade A cathode premium, delivered Germany, $/tonne	29 Dec 2021	80 - 90	0.00%	Dec 2021	80 - 90
MB-CU-0406	Copper grade A cathode premium, cif Leghorn, $/tonne	29 Dec 2021	75 - 90	0.00%	Dec 2021	75 - 90

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0369	Copper grade A cathode premium, cif Rotterdam, $/tonne	29 Dec 2021	45 - 55	0.00%	Dec 2021	45 - 55
MB-CU-0002	Copper grade 1 cathode premium, ddp Midwest US, US cents/lb	04 Jan 2022	8 - 10	0.00%	Dec 2021	8 - 10
MB-CU-0411	Copper EQ cathode premium, cif Europe, $/tonne	29 Dec 2021	20 - 30	0.00%	Dec 2021	20 - 30
MB-CU-0412	Copper EQ cathode premium, cif Shanghai, $/tonne	29 Dec 2021	(5) - 10	-88.89%	Dec 2021	5 - 20

Lead premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0084	Lead 99.97% ingot premium, cif Taiwan, $/tonne	29 Dec 2021	100 - 115	0.00%	Dec 2021	100 - 115
MB-PB-0083	Lead 99.99% ingot premium, cif Taiwan, $/tonne	29 Dec 2021	135 - 145	0.00%	Dec 2021	135 - 145
MB-PB-0087	Lead 99.97% ingot premium, cif India, $/tonne	04 Jan 2022	50 - 130	0.00%	Dec 2021	50 - 130
MB-PB-0086	Lead 99.99% ingot premium, cif India, $/tonne	04 Jan 2022	140 - 150	0.00%	Dec 2021	140 - 150
MB-PB-0107	Lead 99.97% ingot premium, cif Southeast Asia, $/tonne	07 Dec 2021	80 - 110	0.00%	Dec 2021	80 - 110
MB-PB-0108	Lead 99.99% ingot premium, cif Southeast Asia, $/tonne	07 Dec 2021	125 - 145	-1.82%	Dec 2021	125 - 145
MB-PB-0099	Lead 99.99% ingot premium, delivered Midwest US, US cents/lb	04 Jan 2022	19 - 22	0.00%	Dec 2021	18 - 20.5
MB-PB-0006	Lead 99.97% ingot premium, ddp Midwest US, US cents/lb	04 Jan 2022	17 - 20	0.00%	Dec 2021	16 - 19

Tin premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SN-0038	Tin 99.9% ingot premium, cif Taiwan, $/tonne	29 Dec 2021	350 - 500	21.43%	Dec 2021	325 - 450
MB-SN-0002	Tin 99.9% ingot premium, in-whs Rotterdam, $ per tonne	29 Dec 2021	1000 - 1400	-4.00%	Dec 2021	1050 - 1400
MB-SN-0029	Tin 99.9% low lead ingot premium, in-whs Rotterdam, $/tonne	29 Dec 2021	1500 - 2000	0.00%	Dec 2021	1500 - 2000
MB-SN-0036	Tin 99.85% ingot premium, in-whs Baltimore, $/tonne	29 Dec 2021	1900 - 2200	0.00%	Dec 2021	1900 - 2200
MB-SN-0011	Tin grade A min 99.85% ingot premium, ddp Midwest US, $/tonne	29 Dec 2021	2100 - 2500	0.00%	Dec 2021	2100 - 2500

Zinc premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0116	Zinc SHG 99.995% ingot premium, cif Taiwan $/tonne	29 Dec 2021	150 - 160	0.00%	Dec 2021	150 - 160
MB-ZN-0106	Zinc SHG min 99.995% ingot premium, cif Shanghai, $/per tonne	04 Jan 2022	80 - 90	0.00%	Dec 2021	77.5 - 87.5
MB-ZN-0119	Zinc min 99.995% ingot premium, in-whs Shanghai, $/tonne	04 Jan 2022	80 - 90	0.00%	Dec 2021	77.5 - 87.5
MB-ZN-0113	Zinc SHG 99.995% ingot premium, fca Singapore, $/per tonne	29 Dec 2021	140 - 160	3.45%	Dec 2021	140 - 155
MB-ZN-0115	Zinc SHG 99.995% ingot premium, fca Malaysia, $/per tonne	29 Dec 2021	140 - 160	3.45%	Dec 2021	140 - 155
MB-ZN-0093	Zinc SHG min 99.995% ingot premium, cif Southeast Asia, $/tonne	29 Dec 2021	145 - 160	0.00%	Dec 2021	145 - 160
MB-ZN-0001	Zinc SHG min 99.995% ingot premium, dp fca Rotterdam, $/tonne	04 Jan 2022	290 - 320	7.02%	Dec 2021	260 - 290
MB-ZN-0099	Zinc SHG min 99.995% ingot premium, dp fca Antwerp, $/tonne	04 Jan 2022	290 - 320	7.02%	Dec 2021	260 - 290
MB-ZN-0103	Zinc SHG min 99.995% ingot premium, fca dp Italy, $/tonne	29 Dec 2021	350 - 380	0.00%	Dec 2021	350 - 380
MB-ZN-0102	Zinc SHG min 99.995% ingot premium, ddp Italy, $/per tonne	29 Dec 2021	380 - 420	0.00%	Dec 2021	380 - 420
MB-ZN-0005	Zinc SHG min 99.995% ingot premium, ddp Midwest US, US cents/lb	04 Jan 2022	15 - 19	0.00%	Dec 2021	15 - 19

Nickel premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0245	Nickel min 99.8% briquette premium, cif Shanghai, $/tonne	29 Dec 2021	400 - 500	28.57%	Dec 2021	400 - 500
MB-NI-0143	Nickel min 99.8% full plate premium, in-whs Shanghai, $/tonne	04 Jan 2022	320 - 350	0.00%	Dec 2021	325 - 352.5
MB-NI-0142	Nickel min 99.8% full plate premium, cif Shanghai, $/tonne	04 Jan 2022	300 - 330	0.00%	Dec 2021	305 - 335
MB-NI-0003	Nickel uncut cathode premium, in-whs Rotterdam, $/tonne	04 Jan 2022	70 - 90	0.00%	Dec 2021	70 - 90
MB-NI-0001	Nickel 4x4 cathode premium, in-whs Rotterdam, $/tonne	04 Jan 2022	220 - 290	0.00%	Dec 2021	220 - 290
MB-NI-0002	Nickel briquette premium, in-whs Rotterdam, $/tonne	04 Jan 2022	150 - 170	0.00%	Dec 2021	150 - 170
MB-NI-0240	Nickel 4x4 cathode premium, delivered Midwest US, US cents/lb	04 Jan 2022	55 - 65	0.00%	Dec 2021	55 - 63.75
MB-NI-0241	Nickel briquette premium, delivered Midwest US, US cents/lb	04 Jan 2022	65 - 90	0.00%	Dec 2021	67.5 - 90

Base metals warrant premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0334	Aluminium P1020A, warrant premium, in-whs East Asia, $/tonne	05 Jan 2022	40 - 65	0.00%	Dec 2021	40 - 66
MB-AL-0333	Aluminium P1020A warrant premium, in-whs Southeast Asia, $/tonne	05 Jan 2022	40 - 70	10.00%	Dec 2021	40 - 62
MB-AL-0338	Aluminium P1020A warrant premium, in-whs US, $/tonne	05 Jan 2022	115 - 125	0.00%	Dec 2021	115 - 125
MB-CU-0398	Copper grade A cathode warrant premium, in-whs East Asia $/tonne	05 Jan 2022	10 - 20	0.00%	Dec 2021	13 - 23
MB-CU-0397	Copper grade A cathode warrant premium, in-whs Southeast Asia, $/tonne	05 Jan 2022	15 - 35	25.00%	Dec 2021	13 - 24
MB-CU-0400	Copper grade A cathode warrant premium, in-whs North Europe, $/tonne	05 Jan 2022	5 - 10	0.00%	Dec 2021	5 - 10
MB-CU-0401	Copper grade A cathode warrant premium, in-whs South Europe, $/tonne	05 Jan 2022	15 - 25	0.00%	Dec 2021	15 - 25
MB-CU-0377	Copper grade A cathode warrant premium, in-whs US, $/tonne	05 Jan 2022	10 - 25	0.00%	Dec 2021	10 - 25
MB-PB-0106	Lead min 99.97% ingot warrant premium, in-whs East Asia $/tonne	05 Jan 2022	5 - 20	0.00%	Dec 2021	5 - 20
MB-PB-0105	Lead min 99.97% ingot warrant premium, in-whs Southeast Asia $/tonne	05 Jan 2022	5 - 20	0.00%	Dec 2021	5 - 20
MB-PB-0109	Lead 99.97% ingot warrant premium, in-whs North Europe, $/tonne	05 Jan 2022	30 - 50	0.00%	Dec 2021	24 - 42
MB-PB-0110	Lead 99.97% ingot warrant premium, in-whs South Europe, $/tonne	05 Jan 2022	30 - 50	0.00%	Dec 2021	24 - 38
MB-PB-0097	Lead 99.97% ingot warrant premium, in-whs US, $/tonne	05 Jan 2022	20 - 30	0.00%	Dec 2021	20 - 30
MB-NI-0138	Nickel min 99.8% briquette warrant premium, in-whs Southeast Asia, $/tonne	05 Jan 2022	50 - 60	0.00%	Dec 2021	50 - 60
MB-NI-0140	Nickel min 99.8% briquette warrant premium, in-whs East Asia, $/tonne	05 Jan 2022	50 - 60	0.00%	Dec 2021	50 - 60
MB-NI-0137	Nickel min 99.8% full plate warrant premium, in-whs Southeast Asia, $/tonne	05 Jan 2022	30 - 45	0.00%	Dec 2021	30 - 45
MB-NI-0139	Nickel min 99.8% full plate warrant premium, in-whs East Asia, $/tonne	05 Jan 2022	30 - 45	0.00%	Dec 2021	30 - 43
MB-NI-0141	Nickel min 99.8% warrant premium, in-whs North Europe, $/tonne	05 Jan 2022	50 - 175	0.00%	Dec 2021	38 - 157
MB-SN-0042	Tin min 99.85% ingot warrant premium, in-whs South East Asia, $/tonne	05 Jan 2022	50 - 150	0.00%	Dec 2021	50 - 150
MB-ZN-0117	Zinc SHG min 99.995% warrant premium, in-whs North Europe, $/tonne	05 Jan 2022	80 - 100	0.00%	Dec 2021	80 - 100
MB-ZN-0104	Zinc SHG min 99.995% warrant premium, in-whs US, $/per tonne	05 Jan 2022	10 - 15	0.00%	Dec 2021	10 - 15
MB-ZN-0123	Zinc SHG min 99.995% warrant premium, in-whs Southeast Asia, $/tonne	05 Jan 2022	10 - 30	33.33%	Dec 2021	10 - 20

Coking coal/coke markets

Source: dashboard.fastmarkets.com/m/00000021-0000-4000-8000-000000000000

Coking coal/coke/PCI news

Indonesian state power supplier seeking 6.1 mln tonnes of coal for January

By Min Li - Thursday 06 January

Indonesia's state-owned power company, Persero-Perusahaan Listrik Negara (PLN), still needs 6.1 million tonnes of coal this month to feed its steam-electric power station, it has told APBI-ICMA, a non-government coal industry association.

The information was published on APBI-ICMA's website this week.

PLN president Darmawan Prasodjo said that the company had secured a supply contract for 13.9 million tonnes of coal by January 5, but it needed a total of 20 million tonnes to ensure that there were sufficient coal inventories for it to meet its requirement for a minimum of 20 operating days in January 2022.

Prior to this, the East Kalimantan provincial government had announced that 25 mining companies in the province were being allowed to export coal in January because those companies had fulfilled their domestic market obligations.

Indonesia is the world's largest exporter of thermal coal, but on January 1 it announced a ban on exports of coal amid a tightness in domestic power supplies. The next day, however, it said that companies which had fulfilled their domestic obligations for January could export surplus material.

Seaborne coking coal prices jump on latest trades; China resumes procuring North American coal in the spot market

By Min Li - Thursday 06 January

Seaborne coking coal prices jumped across the board on Thursday January 6 following recent trades sealed at higher prices, while good demand from ex-China markets combined with tight supply from Australia pushed up prices in the fob Australia market and a major trader in China resumed purchasing seaborne coking coal from the United States, sources said.

Fastmarkets indices

Premium hard coking coal, cfr Jingtang: $359.97 per tonne, up $15.10 per tonne

Hard coking coal, cfr Jingtang: $328.35 per tonne, up $16.84 per tonne

Premium hard coking coal, fob DBCT: $370.22 per tonne, up $9.64 per tonne

Hard coking coal, fob DBCT: $316.39 per tonne, up $8.75 per tonne

An end-January-laycan Capesize vessel of United States-origin hard coking coal Buchanan was traded on Thursday at $325 per tonne cfr China, sources told Fastmarkets.

On January 5, a February 10-24 laycan cargo comprising 40,000 tonnes of Australian premium mid-volatility hard coking coal and 35,000 tonnes of high ash semi-hard coking coal was traded at $370 per tonne fob Australia and $310 per tonne fob Australia respectively, sources said.

The buyer of both cargoes was heard to be a trading house in China. Following the above transactions, seaborne coking coal prices rose in the spot market.

In the fob Australia market, trading sources and a coke producer source in India attributed the price jump to tight Australian coking coal supply in the spot market and good demand across the globe.

"We have no choice but to accept the price increase," the coke producer source in India said, while one of the trading sources in India was surprised at the sudden price jump.

In the cfr China market, the transaction of Buchanan ended about two months of inactivity in the spot market for procuring North America-origin coking coal.

A trading source in Beijing said Chinese domestic coking coal prices increased in the week, which supported seaborne price increase. The trade indicated that the buyer held a positive outlook for seaborne coking coal cfr China prices.

Spot market prices of Shanxi-origin coal used for blending increased by around 100 yuan ($16) per tonne on Thursday, a trading source in Hebei province said.

The second round of Chinese domestic coke price increases since mid-December had been largely accepted by mills by Thursday, which may have caused the seaborne price to jump in the cfr China market, a source at a mill in South China said.

Since mid-December, the domestic coke price has increased twice, by a total of around 300 yuan per tonne.

Dalian Commodity Exchange

The most-traded May coking coal futures contract closed at 2,334 yuan ($367.12) per tonne on Thursday, down by 20 yuan per tonne.

The most-traded May coke contract closed at 3,175.50 yuan per tonne, up by 25.50 yuan per tonne.

Coking coal/coke/PCI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-COA-0003	Premium hard coking coal, fob DBCT, $/dmt	06 Jan 2022	370.22	2.67%	Dec 2021	340.4
MB-COA-0005	Premium hard coking coal, cfr Jingtang, $/dmt	06 Jan 2022	359.97	4.38%	Dec 2021	355.52
MB-COA-0004	Hard coking coal, fob DBCT, $/dmt	06 Jan 2022	316.39	2.84%	Dec 2021	287.44

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-COA-0002	Hard coking coal, cfr Jingtang, $/dmt	06 Jan 2022	328.35	**5.41%**	Dec 2021	325.14
MB-COA-0001	Hard coking coal domestic China spot market, Shanxi-origin, delivered Tangshan, yuan/tonne	31 Dec 2021	2175 - 2800	0.00%	Dec 2021	2175 - 2692
MB-COA-0008	PCI low-vol, fob DBCT, $/dmt	31 Dec 2021	240.08	0.00%	Dec 2021	235.28
MB-COA-0007	PCI low-vol, cfr Jingtang, $/dmt	31 Dec 2021	237.2	**6.15%**	Dec 2021	218.74
MB-COA-0006	Coke 65% CSR, fob China, $/tonne	04 Jan 2022	535 - 550	**3.33%**	Dec 2021	497.5 - 526.25

Copper raw materials

Source: dashboard.fastmarkets.com/m/00000004-0000-4000-8000-000000000000

Top stories

Busby Metals latest in Wieland buying spree [corrected]

By Orla O'Sullivan, Yasemin Esmen - Thursday 06 January

Germany-based Wieland acquired a United States company on the final day of 2021.

Wieland announced on Wednesday January 5 that it acquired the New York-based Busby Metals on December 31, a transaction which will enable Wieland to expand "its global aerospace product portfolio and service network," according to the company.

Busby Metals produces high-performance copper alloys for the aerospace and oil and gas industries.

Busby's requirements-based product portfolio has made them a global leader in the aerospace specialty alloys business, Wieland's chief executive officer Dr Erwin Mayr said. "Combined with the Wieland Group's extensive global presence, technical expertise and manufacturing and service capabilities, our customers will further benefit from tailored solutions and best-in-class service, worldwide."

"Current customers and business partners of Busby Metals can trust Wieland to continue to meet their unique requirements for high-quality copper-based alloy products and other value-added services," according to the statement by Wieland.

The purchase follows other 2021 moves by Wieland to expand its portfolio. Wieland acquired the Connecticut-based distributor of copper alloys and products, Miller Co, in July and announced in May it would be building a copper and copper-alloy facility in Kentucky.

Wieland bought other US copper companies in the past two years, including hot-dip tin coater Marjan Inc, metal slitting company Nasco, alloy maker Global Brass and Copper Holdings, Inc, and Wrisco Industries Inc, a producer of aluminum products, in 2020. It entered the US tinplate market with the acquisition of Nasco in August 2020.

Later that month Wieland also acquired E Jordan Brookes, a copper alloy and industrial plastics maker in Santa Fe Springs, California.

Wieland Metal Services in Parsippany, New Jersey makes copper, brass and aluminium alloys, along with stainless steel in strip, sheet, coil and foil.

Wieland Rolled Products North America, Inc, based in Louisville, Kentucky, fabricates, processes, and distributes copper and brass products.
Wieland Metal Services (formerly Olin Brass) is a processor and distributor of copper and copper alloy sheet, strip, and foil, aluminum sheet, and coated aluminum products.

Both are subsidiaries of Weiland Group, an Ulm, Germany, firm with 2020 annual revenue reported at approximately €3.9 billion ($4.4 billion) and almost 100 locations in Asia, Europe and the US.

Wieland's acquisition of fellow German copper recycler Aurubis was prohibited by the European Commission in 2019, citing "serious concerns the merger would reduce competition and increase prices for rolled copper products used by European manufacturers."

Separately, Aurubis announced in November that it would build a multi-metal recycling plant in the US state of Georgia.

Wieland did not respond to requests for comment on the recent acquisitions by the time of publication.

Correction: An earlier version of this story stated the purchase of Wrisco Industries Inc as occurring in 2021; the purchase occurred in 2020.

China sets carbon peak goals for state-owned companies

By Yiwen Ju - Thursday 06 January

China's state assets regulator has outlined goals for major state-owned companies to lower their energy consumption and carbon dioxide emissions to help the country to achieve its goal of having carbon emissions peak by 2030.

By 2025, enterprises controlled by the central government must slash their energy consumption and carbon dioxide emissions per 10,000 yuan ($1,570) of output value by 15% and 18% respectively in comparison with 2020 levels, according to guidelines issued by the State-Owned Assets Supervision and Administration Commission of the State Council on December 30.

Companies in industries that consume more energy - including steel, non-ferrous metals, building materials and coal power generation - will play a key role in helping the country achieve carbon neutrality, the commission said.

The set of guidelines is one of the most recent official instructions to be issued in relation to the metal industries for carbon reduction since September 2020, when Chinese President Xi Jinping set 2030 as the target for China's carbon emissions to peak and 2060 for the country to achieve carbon neutrality.

A five-year plan published in December that focuses on China's industrial development also spelled out measures to curb emissions. For instance, the aluminum sector is to slash emissions by 5% by 2025.

Other documents that have been released include stricter limits on heavy metal pollution, a ban on new capacity for energy-intensive industries, and energy consumption caps for steel and iron making.

The measures to reduce China's carbon footprint is seen by many as a long-term issue that will weigh on the market, though some are downplaying it. The latter are of the opinion that the issue is a long-term one, especially since the Chinese government is still looking to stabilize its supply of thermal coal for power generation.

"The [emission] cuts are very government-led, which will definitely have some effect on certain metals, especially ferrous ones," an alumina producer source in northern China said.

"Certainly, this kind of environmental policy will become stricter in the future as the deadline approaches, but I doubt that the companies will be able to fully implement the cuts. I think overall the government will still provide them with some relief," a Chinese alumina trader said.

"If alumina producers [in northern China] had really slashed their production, the alumina market probably will not be that weak now," the trader added.

Meanwhile, the latest guidelines issued by the state assets regulator also specify that the share of state-owned companies' power generators that run on renewable energy should be more than half by 2025, and that their

revenue from strategic emerging industries cannot be lower than 30%.

By 2030, these companies' carbon emissions per 10,000 yuan of output value must be lower more than 65%, according to the guidelines.

Daye Nonferrous' Tonglvshan copper mine resumes production

By Sally Zhang - Thursday 06 January

The Tonglvshan copper-iron mine, operated by China Daye Nonferrous Metals Mining, resumed production on January 1 after an almost 200-day closure, the company said on its official Wechat account on Wednesday January 5.

The mine was closed for flood mitigation and to perform safety rectifications, the company said.

The mine, located in Hubei province's Daye city, produced 3,931 tonnes of copper concentrate and 105,359 tonnes of iron ore concentrate in the first six months of 2021, the company said in its interim financial report for the period, which was published in September 2021.

The Hubei-based company also has another three mines in the province, namely Tongshankou mine, Fengshan mine and Chimashan mine, and the Sarake copper mine in Xinjiang Uygur autonomous region.

These mines, excluding Chimashan mine, produced some 13,500 tonnes of mined copper in the first half of 2021, up by 39.6% year on year, the report said. The Chimashan mine did not produce any output during the period.

Daye Nonferrous, one of China's largest copper smelters, also plans to put its new 400,000-tonnes-per-year smelter in Hubei into production in mid-2022. It which was originally scheduled for commissioning by the end of 2021.

China imported 2.19 million tonnes of copper concentrate in November, up by 21.7% from October and 19.5% higher year on year. Its January-November imports totaled 21.37 million tonnes, up by 7.5% year on year, according to Chinese customs data.

It is one of the world's largest copper consumers and producers.

Fastmarkets' benchmark copper concentrates TC/RC index was calculated at $57.70 per tonne/5.77 cents per lb in the week to Friday December 31, up from $55.90 per tonne/5.59 cents per lb a week earlier.

Copper concentrate news

Cu refiners' scrap discounts fall on new activity

By Kirstyn Petras - Thursday 06 January

The spreads in refiners' copper scrap discounts in the United States decreased on Wednesday January 5, with sources citing strong demand domestically, as well as in Europe and Asia.

Fastmarkets' copper scrap No1 copper, discount, buying price, delivered to refiners, was assessed at 10-16 cents per lb on January 5, down from 16-20 cents per lb on December 29.

The copper scrap No2 copper, discount, buying price, delivered to refiners, also declined, and was assessed at 45-50 cents per lb on January 5, down from 49-52 cents per lb on December 29.

Sources cited several factors as possible causes for these changes, including strong demand and issues related to the Covid-19 pandemic.

"It seems like everyone is being hit with Covid[-related] staffing issues," one source said on Wednesday.

It was still unclear "what the effect... is of Covid," a second source said, adding that it was "definitely a factor in what's going on" and that the "supply chain [is] still having issues."

The second source added that Comex pricing was not believed to be a contributing factor.

The most-active March Comex copper contract settled at $4.4135 per lb on Wednesday, up slightly from $4.41 per lb a week earlier.

One seller said that discounts could improve if the flow of product started to reduce.

For brass ingot makers' scrap discounts on Wednesday, the copper scrap No1 bare bright, discount, buying price, delivered to brass ingot makers, fell to 7-9 cents per lb on Wednesday from 9-12 cents per lb on December 29.

But Fastmarkets' assessments of the copper scrap, No1 copper, discount, buying price, delivered to brass ingot makers, and copper scrap No2 copper, discount, buying price, delivered to brass ingot makers, were both steady week on week at 20-23 cents per lb and 50-54 cents per lb respectively.

Fastmarkets' copper scrap No1 copper, discount, buying price, delivered to brass mill US, was 9-12 cents per lb on January 5, also unchanged week on week.

For brass ingot makers' scrap prices, copper scrap No1 comp solids, buying price, delivered to brass ingot makers, rose to $3.35-3.38 on January 5 from $3.32-3.35 per lb on December 29.

Other brass prices were steady week on week, however, with the copper scrap yellow brass solids, buying price, delivered to brass ingot makers, flat at $2.75-2.80 per lb, and the copper scrap comp borings, turnings, buying price, delivered to brass ingot makers, similarly steady at $3.20-3.23 per lb.

COPPER AND BRASS SCRAP		
Brass mill scrap discounts*	**01/05/2022**	**12/29/2021**
No1 copper	9 to 12	9 to 12
Refiners' copper scrap discounts*	**01/05/2022**	**12/29/2021**
No1 copper	10 to 16	16 to 20
No2 copper	45 to 50	49 to 52
Brass ingot makers' scrap discounts*	**01/05/2022**	**12/29/2021**
No1 bare bright	7 to 9	9 to 12
No1	20 to 23	20 to 23
No2	50 to 54	50 to 54
Light copper	55 to 58	55 to 58
Brass ingot makers' scrap prices (in cents per lb)	**01/05/2022**	**12/29/2021**
No1 comp solids	335 to 338	332 to 335
Comp borings, turnings	320 to 323	320 to 323
Radiators	255 to 258	255 to 258
Yellow brass solids	275 to 280	275 to 280

*Discounts, in cents, based on the most actively traded Comex copper contract. Source: Fastmarkets

LME base metal futures mixed, aluminium steady while copper falls 1.5%

By Callum Perry - Thursday 06 January

Base metal futures on the London Metal Exchange were mixed at the 5pm close on January 6 following a choppy day of trading after indications from the US Federal Reserve that they could raise interest rates sooner than expected.

"The reason behind the stepped-up volatility over the past 24 hours is attributable to Wednesday's release of the [Federal Reserve] December minutes which came across as somewhat more hawkish than what was portrayed in the statement or during Fed Chair's news conference," ED&F Man Capital's head of research Edward Meir said in a note.

The three-month copper price was the worst affected metal in the complex, falling by 1.7% to $9,531 per tonne, from $9,698 per tonne at the previous 5pm close.

"[Copper] continues to be weighed down by macro sentiment from both China and the US," Marex LME desk analyst Alastair Munro said.

"[The US Federal Reserve's] official reiterated the likelihood of earlier rate rise on the back of strong economic growth causing cost-push inflation; as to China, concerns around the heavily indebted property sector have been reignited, while market participants wait for more easing to be announced from policy makers," he added.

The red metal's cash-to-three-month spread eased, widening to a $11.75-per-tonne backwardation, down from a $20-per-tonne backwardation on January 5.

"This points to less pressure from short-covering, which is not a surprise considering that risk-aversion among copper traders has gone up," Fastmarkets analyst Boris Mikanikrezai said.

Elsewhere, the three-month nickel price also felt the selling pressure and continued its recent decline, falling a further 1.2% to $20,383 per tonne, from $20,638 per tonne at the previous 5pm close.

After closing at its highest levels since October 2021 on January 4, the stainless-steel material has fallen by 3.6% from $21,137 to its current levels.

The third worst performer on the day was the three-month zinc price, which fell by 1% to $3,550 per tonne, from $3,588 per tonne.

The three-month aluminium price held steady despite the impact to other base metals. The lightweight metal closed at $2,921.50, a fall of just 50 cents from $2,922 at the previous 5pm close, with high energy prices continuing to support prices.

"[Aluminium was] the outperformer of the bunch as we continue to see dip-buying action in the market along with systematic buying; market tightness driven by high energy cost is still the main focus," Munro said.

The three-month lead price was the only price to buck the downward trend, rising by 0.8% to $2,307 per tonne, from $2,287 per tonne at the previous close.

Kazakhstan protests disrupt logistics facility, base metals export in limbo

By Julian Luk - Thursday 06 January

The unrest over surging fuel costs in Kazakhstan have led to disruption of transport systems, with the suspension of a major logistics facility making it difficult to export base metals products from the Central Asian country, sources told Fastmarkets on Thursday January 6.

"We have struggled to reach our colleagues in Kazakhstan. Their internet connections are extremely unstable, Almaty airport is not functioning right now and some base metals products could not leave the country," a source said.

A regular importer of Kazakhstan zinc products was told on Thursday that the rail network for transporting mined zinc and lead has been affected, with customs posts at major borders - including Khorgas and Alashankou at China's Xinjiang Uyghur Autonomous Region - "not working."

Civil unrest over soaring liquefied petroleum gas (LPG) prices started last weekend in the capital city Almaty and has since escalated across the country.

Kazakhstan declared "state of emergency" on Wednesday January 5.

"A few miners have joined the protests, but the impact on output should not be significant," the first source said.

Home to Glencore's Kazzinc, projects run by Kaz Minerals, Russian Copper Company (RCC) and Central Asia Metals, Kazakhstan has a sizeable base metals sector. It produced 720,000 tonnes of copper in 2020, according to International Copper Study Group data.

For the first 10 months of 2021, it produced 270,000 tonnes of zinc and 97,000 tonnes of lead, according to the International Lead & Zinc Study Group.

"The Kazzinc mining operation is still running [normally] at the moment, with no impact on output," a source said on Thursday, citing uncertainty over logistics arrangements and difficulties in reaching local operations

Fastmarkets' copper concentrates TC index, cif Asia Pacific, was calculated at $57.7 per tonne/5.77 cents per lb last Friday. Zinc spot concentrate TC, cif China, $/per tonne, was assessed at $78-100 per tonne at the end of December 2021.

Alcoa's Keener to join Barrick as North America COO

By Andrea Hotter - Thursday 06 January

Former Alcoa executive Christine Keener will become the chief operating officer of gold and copper miner Barrick's North American region from February this year, the company has said.

Keener was formerly Alcoa's vice president for Europe and North America, a role she assumed in May 2020.

She had been with the aluminium producer for 21 years in operating, finance and commercial roles, including vice president of commercial for the aluminium business.

Barrick has gold and copper mining operations and projects in 13 countries in both North and South America, and in Africa, Papua New Guinea and Saudi Arabia.

In 2018, Barrick and Randgold Resources announced an all-share merger, with Randgold chief executive Mark Bristow becoming the chief executive officer of the new entity.

Former BHP exec Danny Malchuk joins Appian Capital Advisory

By Andrea Hotter - Thursday 06 January

Former BHP executive Danny Malchuk has joined Appian Capital Advisory LLP as a senior advisor, based in Santiago, Chile, the company said.

He will provide Appian - an investment advisory company to long-term private equity funds that invest solely in mining and mining related companies - with guidance during the sourcing, due diligence and execution process, focused on the Americas.

Malchuk was most recently the president of operations for BHP's minerals Americas unit, leading the mining company's operations in the region.

He had previously held other roles within BHP including president of copper, president of aluminium, manganese and nickel, president of minerals exploration and vice president of strategy and development.

In October 2021, Appian sold its Brazilian-based portfolio companies Atlantic Nickel and Mineração Vale Verde to Sibanye-Stillwater for $1 billion and an additional 5.0% net smelter return royalty on production from the Santa Rita underground expansion.

Appian has said that the next phase of growth in its portfolio will have a major focus on the metals driving the critical global energy transition, namely commodities used in batteries, electric vehicles and renewable power systems, including copper and nickel.

Peru's base metals output down in November 2020, ministry says

By Renato Rostás - Thursday 06 January

Peruvian base metals production was mostly down year-on-year in November 2021, with tin output rising slightly, according to the latest data from the country's mining and energy ministry, Minem

The Minem data, released on Wednesday January 5, shows that Peru produced 112,333 tonnes of zinc in November, a decline of 18.43% compared with November 2020 when it produced 137,716 tonnes. But for almost half of the month, operations at the Antamina mine - owned by BHP, Glencore, Teck and Mitsubishi - were halted as a result of a blockade by community protesters.

In the first 10 months of 2021, however, zinc production in Peru was 1.41 million tonnes, which was a 19.24% increase on the 1.18 million tonnes produced over the same period in 2020.

Zinc spot treatment charges (TC) in China reached a 14-month high in December, with smelters favoring domestic material.

Fastmarkets assessed the zinc spot concentrate TC, cif China, at $78-100 per tonne on December 31, up by $5-8 from $70-95 per tonne on December 10 and $8-10 higher than $70-90 per tonne on November 26 - its highest level since October 30, 2020.

Despite the shutdown, Minem said Antamina was still the largest zinc producer in the country, producing more than a third (34.7%) of the country's total November output.

The ministry said that Peruvian copper output reached 195,115 tonnes in November, a 5.55% decline from November 2020's 206,588 tonnes. It had totaled 2.09 million tonnes in January-November, up by 8.34% from 1.93 million tonnes on an annual comparison.

Fastmarkets' copper concentrate TC index, cif Asia Pacific, was calculated at $57.70 per tonne on December 31, up from $55.90 per tonne a week earlier and from $57.40 per tonne on December 3.

Additionally, Minem data shows that lead production dipped to 22,756 tonnes in November, down 4.96% from 23,944 tonnes in the same month of 2020. Tin output, meanwhile was 2,170 tonnes, a 3.48% year-on-year increase from 2,097 tonnes in the same month in 2020.

Glencore completes sale of Ernest Henry Mining to Evolution Mining

By Sally Zhang - Thursday 06 January

Glencore has confirmed that it has closed the sale of its 100% interest in Ernest Henry Mining Pty Ltd to Evolution Mining Ltd.

Announcing the sale on Thursday January 6, Glencore said it will receive a total of A$1 billion ($724 million) for the company, comprising A$800 million on the closing of the transaction, with a further A$200 million payable in 12 months' time.

Ernest Henry Mining owns the EHM copper-gold copper mine in Queensland, Australia.

Evolution will assume full ownership and operational control of the copper-gold mine, while Glencore has an offtake agreement for 100% of the copper concentrate produced at EHM.

Fastmarkets' benchmark copper concentrates TC/RC index, cif Asia Pacific, was calculated at $57.7 per tonne/5.77 cents per lb in the week to Friday December 31, 2021, up from $55.9 per tonne/5.59 cents per lb a week earlier.

Base metals prices mixed but generally weak; US Fed minutes show hawkish stance

By William Adams - Thursday 06 January

Base metals prices on the LME were down across the board on the morning of Thursday January 6, while those on the SHFE were mixed, with traders concerned about the more hawkish stance of the US Federal Reserve and the growing impact of the Omicron variant of Covid-19.

- US Federal Open Market Committee (FOMC) minutes reveal more hawkish tone than expected.
- Tighter monetary policy and economic fallout from Omicron variant bode ill for risk-on sentiment.

Base metals

Three-month prices on the London Metal Exchange were down across the board by an average of 0.7%, led by a 1.7% fall in nickel to $20,345 per tonne. The rest were down by between 0.3% - for aluminium, lead and tin - and 0.9% for copper at $9,600 per tonne. Zinc was down by 0.7%. See the table below for more details.

For the most part, prices remain either in high ground or mid ground, with aluminium the one still heading higher.

The most-traded February base metals contracts on the Shanghai Futures

Exchange were mixed, with lead, nickel and copper down by between 1% (lead) and 2% (nickel), with copper down by 1% at 69,570 yuan ($10,943) per tonne. The others were up by between 0.1% for tin, 0.3% for zinc and 2.3% for aluminium – so quite a polarized market.

Precious metals
The precious metals were down across the board. This reflects the general risk-off sentiment as well as the higher US treasury yields and stronger dollar. The metals were down by between 0.4% and 0.7%, with spot gold off by 0.7% at $1,802.73 per oz.

Wider markets
The yield on United States 10-year treasuries has climbed further and was recently at 1.72%, up from 1.65% at a similar time on Wednesday. The market is concerned that the higher yields point to an early interest-rate rise, possibly as early as March, and that could create headwinds for high-leveraged companies and for overseas holders of US debt.

Asia-Pacific equities were mainly weaker this morning: the Nikkei (-2.88%), the Kospi (-1.13%), the CSI 300 (-1.02%) and the ASX 200 (-2.74%), while the Hang Seng (+0.19%) bucked the trend.

Currencies
The US Dollar Index at 96.37 was on the rise again on the back of the hawkish Fed minutes. Resistance levels are now seen lying between 96.70 and 96.94, with support around 95.50.

The other major currencies were mainly weaker this morning: the euro (1.1285), the Australian dollar (0.7158) and sterling (1.3505), but the Japanese yen (115.92) was firmer, suggesting some haven buying.

Key data
Economic data already out Thursday showed China's Caixin services purchasing managers index (PMI) climbing to 53.1 in December, from 52.1 in November and German factory orders climbing 3.7% in November, from -5.8% in October.

Later there is data on services PMI in the United Kingdom, EU and US, consumer price index (CPI) in Germany and more US data on Challenger job cuts, initial jobless claims, trade balance, factory orders and natural gas storage.

Thursday's key themes and views
The metals may be weaker this morning given that they reflect the turn down in broader sentiment, but overall they look robust and are either consolidating or trending higher. Although they could be susceptible to a broad market sell-off, on their own they are looking robust and more bullish than bearish.

Also, should Omicron start to weigh on economic data, the Fed could well turn less hawkish between now and March, which seems to be the earliest that the Fed may raise interest rates.

Gold prices picked up into the year-end, and some investors positioned themselves for the holiday period in case geopolitical tensions escalated. The geopolitical issues remain present, and if broader markets are looking toppy, then interest in gold may rise. But for now, the stronger dollar, firmer yields and general risk-off sentiment seem to be a headwind for the metals.

MARKET SNAPSHOT 07:27 (GMT)

London Metal Exchange	Price		Change	
Copper ($/tonne)	9,600	▼	92	0.9%
Aluminium ($/tonne)	2,902.5	▼	10	0.3%
Nickel ($/tonne)	20,345	▼	350	1.7%
Zinc ($/tonne)	3,545.5	▼	26	0.7%
Lead ($/tonne)	2,280.5	▼	7	0.3%
Tin ($/tonne)	39,180	▼	135	0.3%
	Average base metals	▼	**-0.7%**	
Shanghai Futures Exchange	**Price**		**Change**	
Copper - Feb (yuan/tonne)	69,570	▼	680	1.0%
Aluminium - Feb (yuan/tonne)	20,745	▲	460	2.3%
Nickel - Feb (yuan/tonne)	150,420	▼	3,040	2.0%
Zinc - Feb (yuan/tonne)	24,455	▲	80	0.3%
Lead - Feb (yuan/tonne)	15,110	▼	160	1.0%
Tin - Feb (yuan/tonne)	295,380	▲	250	0.1%
	Average base metals	▼	**0.2%**	
Rebar - May (yuan/tonne)	4,495.00	▲	73.00	1.7%
Dalian Commodity Exchange	**Price**		**Change**	
Iron ore - May (yuan/tonne)	717	▲	28.5	4.1%

PRECIOUS METALS

Spot	Price		Change	
Gold ($/oz)	1,802.73	▼	7.3	0.4%
Silver ($/oz)	22.60	▼	0.16	0.7%
Platinum ($/oz)	977.10	▼	6.9	0.7%
Palladium ($/oz)	1,861.10	▼	7.9	0.4%
	Average precious metals	▼	**-0.6%**	
Shanghai Futures Exchange	**Price**		**Change**	
Gold - Feb (yuan/gram)	370.72	▼	2.04	0.5%
Silver - Jun (yuan/kg)	4,699.00	▼	93.00	1.9%
	Average precious metals	▼	**1.2%**	

Source: Fastmarkets

ECONOMIC CALENDAR

GMT	Country	Data	Actual	Expected	Previous
1:45am	China	Caixin services PMI	53.1	51.9	52.1
7:00am	Germany	Factory orders m/m	▲3.7%	▲2.1%	▼5.8%
All Day	Germany	Prelim CPI m/m		▲0.4%	▼0.2%
9:30am	UK	Final services PMI		53.2	53.2
10:00am	EU	PPI m/m		▲1.1%	▲5.4%
12:30pm	US	Challenger job cuts y/y			▼77.0%
1:30pm	US	Unemployment claims		199K	198K
1:30pm	US	Trade balance		-80.5B	-67.1B
3:00pm	US	ISM services PMI		67	69.1
3:00pm	US	Factory orders m/m		▲1.5%	▲1.0%
3:30pm	US	Natural gas storage		-55B	-136B

Source: Fastmarkets

Key copper raw materials prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0287	Copper concentrates TC index, cif Asia Pacific, $/tonne	31 Dec 2021	57.7	3.22%	Dec 2021	56.44
MB-CU-0288	Copper concentrates RC index, cif Asia Pacific, US cents/lb	31 Dec 2021	5.77	3.22%	Dec 2021	5.64
MB-CU-0409	Copper blister 98-99% RC annual benchmark, cif China, $/tonne	31 Dec 2021	145 - 165	6.90%	Dec 2021	145 - 165
MB-CU-0408	Copper blister 98-99% RC spot, cif China, $/tonne	31 Dec 2021	150 - 170	0.00%	Dec 2021	150 - 170
MB-CU-0512	No1 copper material, RCu-2A,1B (candy/berry), cif China, LME/Comex discount, US cents per lb	27 Dec 2021	9 - 13	0.00%	Dec 2021	9 - 13
MB-CU-0360	No2 copper material, RCu-2B (birch/cliff), cif China, LME/Comex discount, US cents per lb	27 Dec 2021	24 - 28	0.00%	Dec 2021	24 - 28
MB-CU-0422	Copper concentrates counterparty spread, $/tonne	04 Jan 2022	9.58	-8.33%	Dec 2021	10.45
MB-CU-0423	Copper Concentrates Co-VIU, $/tonne	04 Jan 2022	(0.45)		Dec 2021	0.28
MB-CU-0508	Copper concentrates TC implied smelters purchase, cif Asia Pacific, $/tonne	31 Dec 2021	62.93	2.94%	Dec 2021	61.67
MB-CU-0510	Copper concentrates RC implied smelters purchase, cif Asia Pacific, cents/lb	31 Dec 2021	6.29	2.95%	Dec 2021	6.17
MB-CU-0509	Copper concentrates TC implied traders purchase, cif Asia Pacific, $/tonne	31 Dec 2021	52.48	3.55%	Dec 2021	51.22
MB-CU-0511	Copper concentrates RC implied traders purchase, cif Asia Pacific, cents/lb	31 Dec 2021	5.25	3.55%	Dec 2021	5.12

Ferro-alloy markets

Source: dashboard.fastmarkets.com/m/1746b0c9-25c5-4ffd-b531-bdec474d8481

Chrome ore

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CHO-0003	Chrome ore South Africa UG2/MG concentrates index, cif China, $/tonne	04 Jan 2022	171	0.00%	Dec 2021	170.75
MB-CHO-0002	Chrome ore Turkish lumpy 40-42%, cfr main Chinese ports, $/tonne	04 Jan 2022	300 - 310	0.00%	Dec 2021	290 - 308.75

Ferro-chrome

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEC-0012	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, $/lb	06 Jan 2022	2.1 - 2.25	1.40%	Dec 2021	
MB-FEC-0004	Ferro-chrome high carbon 6-8.5% C, basis 60-70% Cr, max 1.5% Si, delivered Europe, $/lb Cr	28 Dec 2021	1.72 - 1.92	0.00%	Dec 2021	1.72 - 1.92
MB-FEC-0001	Ferro-chrome low phosphorous, min 65% Cr, max 0.015% P, delivered Europe, $/lb	04 Jan 2022	1.77 - 1.99	0.00%	Dec 2021	1.77 - 1.99
MB-FEC-0017	Ferro-chrome high carbon 57-65% Cr, cif dup Japan, $/lb	30 Dec 2021	1.06 - 1.08	-10.83%	Dec 2021	1.17 - 1.19
MB-FEC-0018	Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, $/lb	30 Dec 2021	1.05 - 1.07	-10.17%	Dec 2021	1.15 - 1.17
MB-FEC-0021	Ferro-chrome high carbon 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, $/lb Cr	04 Jan 2022	1.72 - 1.92	0.00%	Dec 2021	1.72 - 1.92
MB-FEC-0020	Ferro-chrome high carbon 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, $/lb Cr	04 Jan 2022	1.41 - 1.5	0.00%	Dec 2021	1.42 - 1.5
MB-FEC-0011	Ferro-chrome 50% Cr import, cif main Chinese ports, $/lb contained Cr	04 Jan 2022	1.07	-6.14%	Dec 2021	1.16
MB-FEC-0006	Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	04 Jan 2022	8100 - 8400	-1.20%	Dec 2021	8725 - 9000
MB-FEC-0005	Ferro-chrome contract 6-8% C, basis 50% Cr, ddp China, yuan/tonne	04 Jan 2022	8195 - 9600	0.00%	Dec 2021	9098.75 - 9600
MB-FEC-0019	Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, $/lb	04 Jan 2022	1.71	-3.39%	Dec 2021	1.81
MB-FEC-0016	Ferro-chrome lumpy Cr charge quarterly, basis 52% Cr (and high carbon), delivered Europe, $/lb Cr (rounded to the closest 2 decimal places)	01 Oct 2021	1.8	15.38%	Dec 2021	1.8
MB-FEC-0014	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, $/lb	06 Jan 2022	3.65 - 3.75	0.00%	Dec 2021	
MB-FEC-0013	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, $/lb	06 Jan 2022	3.8 - 3.85	0.00%	Dec 2021	
MB-FEC-0015	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, $/lb	06 Jan 2022	3.55 - 3.6	0.00%	Dec 2021	
MB-FEC-0003	Ferro-chrome 0.10% C, average 65-70% Cr, delivered Europe, $/lb Cr	04 Jan 2022	3.65 - 4.28	0.00%	Dec 2021	3.63 - 4.27
MB-FEC-0002	Ferro-chrome low carbon, 65% Cr, max 0.06% C, delivered Europe, $/lb Cr	04 Jan 2022	3.69 - 4.32	0.00%	Dec 2021	3.67 - 4.31

Manganese ore

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MNO-0002	Manganese ore 37% Mn, fob Port Elizabeth, $/dmtu	31 Dec 2021	3.18	-0.31%	Dec 2021	3.21
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, $/dmtu	31 Dec 2021	5.6	2.94%	Dec 2021	5.52
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, $/dmtu	31 Dec 2021	4.5	-0.22%	Dec 2021	4.54
MB-MNO-0004	Manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin China, yuan/dmtu	31 Dec 2021	34	0.00%	Dec 2021	33.94

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MNO-0005	Manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin China, yuan/dmtu	31 Dec 2021	42.2	0.48%	Dec 2021	42.24

Ferro-manganese

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEM-0007	Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	31 Dec 2021	7200 - 7500	7.30%	Dec 2021	6920 - 7060
MB-FEM-0006	Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	31 Dec 2021	1650 - 1750	0.00%	Dec 2021	1670 - 1770
MB-FEM-0002	Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	06 Jan 2022	315 - 320	0.00%	Dec 2021	315 - 320
MB-FEM-0004	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, $/lb	06 Jan 2022	2.55 - 2.6	0.00%	Dec 2021	
MB-FEM-0003	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, US cents/lb	06 Jan 2022	255 - 260	0.00%	Dec 2021	249 - 254
MB-FEM-0001	Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, $/long ton	06 Jan 2022	2600 - 2650	0.00%	Dec 2021	2600 - 2650

Silico-manganese

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SIM-0001	Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	31 Dec 2021	7800 - 8000	1.94%	Dec 2021	7680 - 7900
MB-SIM-0004	Silico-manganese 65% Mn min, min 16% Si, fob India, $/tonne	31 Dec 2021	1425 - 1475	0.00%	Dec 2021	1445 - 1495
MB-SIM-0002	Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	31 Dec 2021	1600 - 1700	0.00%	Dec 2021	1620 - 1720
MB-SIM-0005	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, $/lb	06 Jan 2022	1.2 - 1.25	0.00%	Dec 2021	
MB-SIM-0003	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, US cents/lb	06 Jan 2022	120 - 125	0.00%	Dec 2021	120 - 125

Ferro-silicon

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FES-0003	Ferro-silicon 75% Si, in-whs Pittsburgh, $/lb	06 Jan 2022	3.3 - 3.4	0.00%	Dec 2021	
MB-FES-0005	Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	31 Dec 2021	2800 - 3300	0.00%	Dec 2021	3060 - 3460
MB-FES-0004	Ferro-silicon 75% Si min export, fob China, $/tonne	05 Jan 2022	2000 - 2050	-1.22%	Dec 2021	2070 - 2170
MB-FES-0001	Ferro-silicon 75% Si min, in-whs China, yuan/tonne	05 Jan 2022	9300 - 9500	0.00%	Dec 2021	9360 - 9600

Noble ores & alloys news

Chinese export APT price steady, domestic tungsten market strengthens

By Ruby Liu - Thursday 06 January

Key data from Fastmarkets' pricing session in China on Wednesday January 5.

TUNGSTEN CONCENTRATE 65% WO3 (in yuan per tonne, in-whs China)			
New price	Previous price	Change to midpoint of range	Midpoint % change
113,000-114,000	111,000-113,000	▲ 1,500	▲ 1.30%

TUNGSTEN APT 88.5% WO3 MIN (in $ per mtu WO3, fob main ports China)			
New price	Previous price	Change to midpoint of range	Midpoint % change
315-320	315-320	0	0

FERRO-TUNGSTEN EXPORT, MIN 75% (in $ per kg W, fob China)			
New price	Previous price	Change to midpoint of range	Midpoint % change
38.50-40.50	38.50-40.50	0	0

Source: Fastmarkets

Key drivers

• China's export price for ammonium paratungstate (APT) remained steady amid a strengthened domestic tungsten market.

• The export market was inactive. Some exporters received overseas inquiries and issued offers at the high end of the assessed range.
• Spot APT prices in China's domestic market were around 171,000-173,000 yuan ($26,897-$27,211) per tonne in the week to Wednesday, up by 1,000 yuan per tonne from a week earlier, according to market sources.
• Domestic prices for tungsten concentrate in China continued to rise amid a tight market.
• China's export price for ferro-tungsten was steady, underpinned by higher concentrate prices. Some deals were concluded on the high end of the assessed range, sources said.
• The Ganzhou Tungsten Association (GTA) announced a price forecast of 171,000 yuan per tonne for APT in January, which is 8,000 yuan per tonne higher than its estimate for December last year.
• Jiangxi Tungsten issued an offer price of 112,500 yuan per tonne for tungsten concentrate 65% WO3 for the first half of January, which is 2,500 yuan per tonne higher than its price for the second half of December.

Key quotes

"APT cargo holders are reluctant to sell in expectation of higher prices after the [January 31-February 6] Chinese New Year holiday." - a China- based trader.

"I received some overseas inquiries for APT recently, and the buyers wanted the material to be shipped in January. I told them to make a quick decision within the week, otherwise there will not be enough time for me to arrange shipment because logistics will slow down gradually from the middle of the month [ahead of the Chinese New Year]." - a second trader in China.

Molybdenum/ferro-molybdenum

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MO-0001	Molybdenum canned molybdic oxide, in-whs Pittsburgh, $/lb	06 Jan 2022	18.9 - 19.5	0.00%	Dec 2021	18.81 - 19.5
MB-FEO-0003	Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, $/lb Mo	05 Jan 2022	18.9 - 19.1	0.00%	Dec 2021	18.84 - 19.05
MB-FEO-0004	Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, $/lb	05 Jan 2022	18.5 - 18.65	**0.43%**	Dec 2021	18.3 - 18.6
MB-FEO-0002	Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, $/lb	06 Jan 2022	20.25 - 21	0.00%	Dec 2021	20.4 - 21.1
MB-FEO-0001	Ferro-molybdenum 65% Mo min, in-whs Rotterdam, $/kg Mo	05 Jan 2022	44 - 44.8	0.00%	Dec 2021	43.31 - 44.46

Ferro-niobium/ferro-titanium

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FN-0001	Ferro-niobium 63-67% delivered consumer works, dp, Europe $ per kg Nb	05 Jan 2022	44.2 - 45.5	0.00%	Dec 2021	44.32 - 45.7
MB-FET-0001	Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, $/kg Ti	05 Jan 2022	7.7 - 8	0.00%	Dec 2021	7.7 - 8.04
MB-FET-0002	Ferro-titanium 68-72% Ti, ex-whs US, $/lb	06 Jan 2022	3.6 - 3.85	0.00%	Dec 2021	3.6 - 3.85

Tungsten/ferro-tungsten

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-W-0001	Tungsten APT 88.5% WO3 min cif Rotterdam and Baltimore duty-free, $/mtu WO3	31 Dec 2021	320 - 325	0.00%	Dec 2021	320 - 325
MB-W-0003	Tungsten APT 88.5% WO3 min, fob main ports China, $/mtu WO3	05 Jan 2022	315 - 320	0.00%	Dec 2021	313.8 - 319.4
MB-W-0002	Tungsten concentrate 65% WO3, in-whs China, yuan/tonne	05 Jan 2022	113000 - 114000	**1.34%**	Dec 2021	108500 - 109800
MB-FEU-0001	Ferro-tungsten basis 75% W, in-whs dup Rotterdam, $/kg W	05 Jan 2022	36.5 - 38.8	**1.07%**	Dec 2021	36.75 - 38.5
MB-FEU-0003	Ferro-tungsten export, min 75% fob China, $/kg W	05 Jan 2022	38.5 - 40.5	0.00%	Dec 2021	38.1 - 40.1

Vanadium pentoxide/ferro-vanadium

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-V-0001	Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, $/lb V2O5	31 Dec 2021	8.5 - 9	0.00%	Dec 2021	8.5 - 9
MB-V-0002	Vanadium pentoxide 98% V2O5 min, fob China, $/lb V2O5	06 Jan 2022	8.77 - 8.92	**-0.34%**	Dec 2021	8.76 - 8.91
MB-V-0004	Vanadium pentoxide 98% V2O5 min, exw China, yuan/tonne	06 Jan 2022	123000 - 125000	**-0.60%**	Dec 2021	122900 - 125000
MB-FEV-0002	Ferro-vanadium 70-80% V, in-whs Pittsburgh, $/lb	06 Jan 2022	15 - 15.25	**0.33%**	Dec 2021	14.9 - 15.25
MB-FEV-0001	Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, $/kg V	05 Jan 2022	33 - 33.5	**1.53%**	Dec 2021	32.28 - 33
MB-FEV-0003	Ferro-vanadium 78% V min, fob China, $/kg V	06 Jan 2022	37.79 - 38.81	**-0.05%**	Dec 2021	37.78 - 38.52

Iron ore markets

Source: dashboard.fastmarkets.com/m/74f0932b-34c8-430d-a2b6-2402986448e2

News

Iron ore prices up after increase in speculative buying by traders

By Alice Li - Thursday 06 January

Seaborne iron ore prices increased on Thursday January 6 after more February-laycan deals were done by trading houses, sources told Fastmarkets.

Key drivers

On January 5, China's Premier Li Keqiang restated the need to reduce tax and fees for enterprises to ensure a stable start for the economy in the first quarter of 2022 and stabilize China's macro-economic situation, which further boosted market sentiment in the steel sector on Thursday.

Seaborne iron ore prices were mainly supported by speculative buying by large traders, who expect to see improved demand for iron ore in February after Chinese New Year holiday.

Low-grade Australia fines were most favored by those traders because they are easier to resell than mid-grade fines and more February-laycan were concluded this week, sources told Fastmarkets on Thursday.

Trader sources told Fastmarkets that demand for high-grade Brazilian fines may revive because prices dropped to a low level in December and mills may start restocking with more Carajas fines at Chinese ports this week.

Iron ore trading activity at the Chinese ports increased on Thursday with more deals for Super Special fines, Pilbara Blend fines and Carajas fines probably sparked by strong demand from steel mills keen to replenish stocks and from speculating traders, they added.

With the ongoing sintering production restrictions in north China and no curbs on crude steel output, using high-grade fines or direct-charged raw materials are good ways for some mills to increase hot metal output, a market analyst from Beijing said.

The most-traded May iron ore futures contract on the Dalian Commodity Exchange inched higher and ended the day up by 1.5% from the closing price of 706.50 yuan ($111) per tonne on December 30.

Iron ore forward-month swaps contracts on the Singapore Exchange climbed on Thursday and, by 6:25 pm Singapore time, the most-traded February contract was up by $3.07 per tonne compared with yesterday's settlement price of $124.25 per tonne.

Fastmarkets iron ore indices

62% Fe fines, cfr Qingdao: $127.58 per tonne, up $2.69 per tonne

62% Fe low-alumina fines, cfr Qingdao: $129.00 per tonne, up $9.12 per tonne

58% Fe fines high-grade premium, cfr Qingdao: $99.71 per tonne, up $2.62 per tonne

65% Fe Brazil-origin fines, cfr Qingdao: $156.00 per tonne, up $11.00 per tonne

63% Fe Australia-origin lump ore premium, cfr Qingdao: $0.2800 per dry metric tonne unit (dmtu),up $0.0300 per dmtu

62% Fe fines, fot Qingdao: 847 yuan per wet metric tonne (implied 62% Fe China Port Price: $123.2 per dry tonne), up by 24 yuan per wmt

Quote of the day

"Mill margins are better now, so they are probably switching to use a mix of mid-grade fines, such as Mining Area C and Jimblebar fines, along with the high-grade [material, including] Iron Ore Carajas fines (IOCJ), so inquiries for IOCJ at China's ports increased," a Hong Kong-based trader said.

Trades/offers/bids heard in the market

Vale, Globalore, 70,000 tonnes of 65% Fe Iron Ore Carajas fines, traded at $156 per tonne cfr China, bill of lading dated January 3.

BHP, Globalore, 90,000 tonnes of 62% Fe Mining Area C fines, traded at $120.25 per tonne cfr China, laycan January 26-February 4.

BHP, Beijing Iron Ore Trading Center (Corex), 80,000 tonnes of 56.7% Fe Yandi fines, traded at the February average of two 62% Fe indices plus a discount of $19.60 per tonne, laycan January 26-February 4.

BHP, Corex, another 80,000 tonnes of 56.7% Fe Yandi fines, traded at the February average of two 62% Fe indices plus a discount of $19.40 per tonne, laycan January 26-February 4.

BHP, Corex, another 80,000 tonnes of 56.7% Fe Yandi fines, traded at the February average of two 62% Fe indices plus a discount of $19.40 per tonne, laycan February 1-10.

BHP, Globalore, 80,000 tonnes of 62.5% Fe Newman Blend lump, traded at the February average of a 62% Fe index on an fob Australia basis plus a lump premium of $0.2875 per dry metric tonne unit (dmtu), laycan February 1-10.

Rio Tinto, Globalore, 170,000 tonnes of 62% Fe Pilbara Blend fines, traded late on Wednesday at $125.55 per tonne cfr China, laycan January 31-February 9.

Rio Tinto, Corex, 170,000 tonnes of 61% Fe Pilbara Blend fines, offered at $126.85 per tonne cfr China, laycan February 1-10.

Rio Tinto, Globalore, 70,000 tonnes of 62.5% Fe Pilbara Blend lump, offered at the February average of a 62% Fe index plus a lump premium of $0.3020 per dmtu, laycan February 5-14.

BHP, Corex, 90,000 tonnes of 56.7% Fe Yandi fines, offered at the February average of two 62% Fe indices plus a discount of $19.30 per tonne, laycan February 1-10.

Market participant indications

Fastmarkets index for iron ore 62% Fe fines

Brazilian Blend fines: $127.97-131.00 per tonne cfr China

Newman fines: $125.47-129.37 per tonne cfr China

Jimblebar fines: $101.45-106.07 per tonne cfr China

Port prices

Pilbara Blend fines were traded at 815-860 yuan per wmt in Shandong province and Tangshan city on Thursday, compared with 800-818 yuan per wmt on Wednesday.

The latest range is equivalent to about $118-125 per tonne in the seaborne market.

Dalian Commodity Exchange
The most-traded May iron ore futures contract closed at 717 yuan ($113) per tonne on Thursday, up by 10.50 yuan per tonne from yesterday's closing price.

Alex Theo in Singapore contributed to this article.

Asia steel complex hinges on late-January sentiment, price bottom "possible"

By Alex Theo, Paul Lim, Lee Allen, Tianran Zhao, Zihuan Pan - Thursday 06 January

The next major change in price direction may happen in the second half of January when market conditions become clearer, after the Lunar New Year and the Beijing Winter Olympics, sources told Fastmarkets in the week.

This is supported by gradually warming sentiment in Asia, led by developments in the key China market. But the current bout of iron ore buying and emerging interest from some buyers for ferrous scrap is not a definitive indication of a demand increase, especially with Asia about to embark on the Lunar New Year holidays soon, sources said.

Iron ore
Iron ore markets are already seeing early signs of a demand surge from Chinese traders and steelmakers.

Brazilian high-grade iron ore fines, or Iron Ore Carajas Fines (IOCJ) were sold at $156 per tonne cfr Qingdao on January 6, a surge of $11 per tonne from Fastmarkets' calculation of the iron ore 65% Fe Brazil-origin fines, cfr Qingdao index at $145 per tonne on January 5.

Price book

After nearly a month without sales to China; key market sources said there had very recently been an increase in interest for seaborne IOCJ cargoes.

"Iron ore market sentiment has improved significantly in January. Mills are seeing better margins and the government announced earlier that focus on housing was also one of the key drivers supporting the stronger market sentiment," a Singapore-based trader said.

Domestic traders have also increased their purchasing of portside iron ore cargoes, especially for lower-grade materials like Jimblebar and Super Special Fines.

"Some mills are looking to optimize their productivity, which has supported the demand for cheaper low-mid grade iron ore fines. The increased number of transactions for lower-grade fines at the Chinese ports is a clear sign," the same trader said.

Improving mill margins are pushing steelmakers to switch to blending mid-grade fines like Mining Area C and JMBF with high-grade IOCJ, a Hong Kong-based trader said.

A buyer source in Singapore said IOCJ has been selling very well at Chinese ports, with steel mills and trading houses trying to outbid each other.

There has also been an increase in demand for iron ore lumps at the Chinese ports, the source added.

"This is most likely prompted by mills who have sintering restrictions imposed on them but still want to optimize the blast furnace processes," the source said.

Ferrous scrap
Market participants in the Asian ferrous scrap markets have started to harbor more optimistic views.

"Higher finished product prices in Asia should also be a key supporting factor for scrap prices in the near-term," a scrap trader in Singapore told Fastmarkets, pointing out that steel prices in China have been increasing.

"It is possible that the current market is at the bottom, and any buying from now on will boost prices," he said.

A seller source close to a Japanese scrapyard said he hadn't seen any strong signals that spot prices could increase soon, although prices may be at the bottom now.

"It's still a little bit mixed, although judging from energy and finished product prices, we could be near the bottom now," he said.

The major Kanto Tetsugen auction in Japan next week will be a key factor to consider, sources said, especially if participating traders bid high enough to win export H2 cargoes from Japan. The auction had not been concluded in the past two months due to low bids from traders, which auction organizers felt were insufficient to match domestic prices in Japan.

A scrap trader in Taiwan reported more purchasing interest for containerized materials from Thursday January 6 onward.

"There is more interest now from Taiwanese steelmakers, and there could be more purchasing activity from next week," the trader said.

Chinese steelmakers were also heard bidding for imported HRS101, further improving sentiment.

"Because most Chinese scrapyards will be closed during the Lunar New Year holidays, blast furnace-based steel mills will need to stock up ahead of the holiday so that they can operate normally during the holiday period," an analyst in Beijing told Fastmarkets.

"There are also other mills that are purchasing scrap now to use after the holiday when supply is likely to be tight," he continued.

Steel
While China is not looking at offers for steel billet from India at the moment, the sharp rise in coal and iron ore prices have supported sentiment at an Indian steelmaker.

"We are hopeful China will come back into the market for more billet bookings in the next few weeks," a seller source at the steelmaker said.

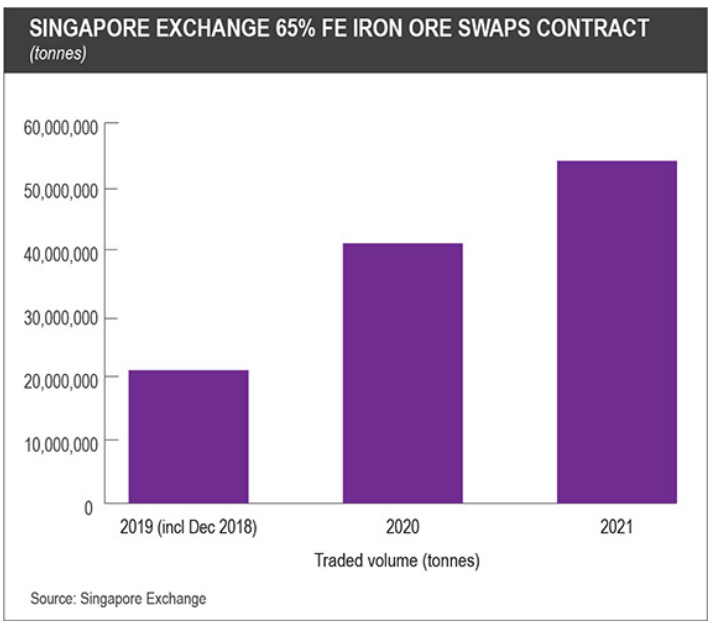
A Chinese trader remained mixed in his outlook, expecting steel demand to recover only after the Lunar New Year holidays.

"The outlook for after the CNY remains uncertain, while orders received by downstream users have yet to show signs of a significant pick-up. That keeps us cautious about the future market," he said.

SGX 65% Fe iron ore swaps' traded volume grows 32% in 2021

By Alex Theo - Thursday 06 January

A total of 549,105 lots - or 54.9 million tonnes - of the Singapore Exchange's (SGX) 65% Fe iron ore swaps contract were traded in 2021, up by 31.6% from 417,386 lots (41.7 million tonnes) in 2020.



Last year's total is more than double the 218,713 lots traded in 2019, which is inclusive of 19,940 lots traded in December 2018 when the contract was introduced.

The SGX's 65% Fe iron ore swaps contract - the world's first derivative of high-grade iron ore - was launched on December 3, 2018.

A Singapore-based broker believes that the SGX 65% Fe iron ore swaps contract will most likely continue to experience steady growth in its trading volume in 2022, especially with last month's introduction of the exchange's 65% Fe iron ore options.

"Both these contracts will give market participants a wider range of diversity in hedging options, and [the contracts] should be working in tandem," she said.

With the steel market working toward decarbonization, a focus on high-grade iron ore will play an important role, so having the derivative and option contracts readily available will help mitigate the risk factors in this segment of the iron ore market, according to a trading source in Shanghai.

"For instance, the iron ore market was very volatile especially in 2021, when prices were hitting record highs around the mid-year, but later plunging quickly with government initiatives to control steel output. So, such risks are then better mitigated with the assistance of the derivative contract," he added.

Fastmarkets index manager Jane Fan said that more entities showed interest in and participated in the trading of the SGX 65% Fe iron ore swaps contract in 2021.

"The purpose has not only been to trade the inter-grade price differential between mid-grade and high-grade fines, but market participants have also been hedging the high-grade fines index performance solely. As the steelmaking industry moving toward decarbonization, hedging risks for the high-grade iron ore sector has and will continue to become more important for market participants," she said.

Fastmarkets' index for iron ore 65% Fe Brazilian fines follows a transparent calculation methodology and tracks closely the performance of high-grade Brazilian fines, Fan noted.

She said that Fastmarkets' widely recognized index methodology allowed market participants to trust the index as the primary benchmark for high-grade fines, concentrate and pellets. It also allows market participants to confidently use the SGX 65% Fe swaps contract, which settles against the index, she added.

Fastmarkets' index for iron ore 65% Fe Brazil-origin fines, cfr Qingdao averaged $185.18 per tonne in 2021, up by $62.87 per tonne (51.4%) from $122.31 per tonne in 2020.

Meanwhile, Fastmarkets' index for iron ore 62% Fe fines, cfr Qingdao averaged $159.89 per tonne in 2021, up by $50.86 per tonne (46.6%) from $109.03 per tonne in 2020.

Daily indices price table

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0009	Iron ore 65% Fe Brazil-origin fines, cfr Qingdao, $/tonne	06 Jan 2022	156	**7.59%**	Dec 2021	132.02
MB-IRO-0144	Iron ore 62% Fe low-alumina fines, cfr Qingdao, $/tonne	06 Jan 2022	129	**2.41%**	Dec 2021	115.83
MB-IRO-0008	Iron ore 62% Fe fines, cfr Qingdao, $/tonne	06 Jan 2022	127.58	**2.15%**	Dec 2021	115.25
MB-IRO-0017	Iron ore 58% Fe fines high-grade premium index, cfr Qingdao, $/tonne	06 Jan 2022	99.71	**2.70%**	Dec 2021	88.14
MB-IRO-0016	Iron ore 58% Fe fines high-grade premium, cfr Qingdao, $/tonne	06 Jan 2022	22.5	**4.65%**	Dec 2021	18.54
MB-IRO-0015	Iron ore 58% Fe fines, cfr Qingdao, $/tonne	06 Jan 2022	77.21	**2.14%**	Dec 2021	69.6
MB-IRO-0010	Iron ore 63% Fe Australia-origin lump ore premium, cfr Qingdao, US cents/dmtu	06 Jan 2022	28	**12.00%**	Dec 2021	15.17
MB-IRO-0022	Iron ore 62% Fe fines, fot Qingdao, $/tonne conversion	06 Jan 2022	123.2	**3.04%**	Dec 2021	109.62
MB-IRO-0011	Iron ore 62% Fe fines, fot Qingdao, yuan/wet tonne	06 Jan 2022	847	**2.92%**	Dec 2021	758.57

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0076	Iron ore product differential - 62% Fe Pilbara Blend Fines, cfr Qingdao, $/tonne	31 Dec 2021	(0.75)		Dec 2021	(1.2)
MB-IRO-0114	Iron ore 62% Fe Pilbara blend fines, cfr Qingdao, $/tonne	31 Dec 2021	120	0.77%	Dec 2021	94.12

Weekly and monthly indices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0012	Iron ore 65% Fe blast furnace pellet, cfr Qingdao, $/tonne	31 Dec 2021	194.6	-2.82%	Dec 2021	185.02
MB-IRO-0013	Iron ore 66% Fe concentrate, cfr Qingdao, $/tonne	31 Dec 2021	147.15	-4.59%	Dec 2021	138.88
MB-IRO-0077	Iron ore DR-grade pellet premium to 65% Fe fines index, Middle East reference, $/tonne	31 Dec 2021	50	0.00%	Dec 2021	50
MB-IRO-0177	Iron ore pellet premium over 65% Fe fines, cfr China, $/tonne	31 Dec 2021	53.9	1.32%	Dec 2021	52.2

Weekly value-in-use indices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0021	Iron ore 62% Fe fines, % Al2O3 VIU, cfr Qingdao, $/tonne	06 Jan 2022	(6.47)		Dec 2021	(6.33)
MB-IRO-0018	Iron ore 62% Fe fines, % Fe VIU, cfr Qingdao, $/tonne	06 Jan 2022	1.94	0.00%	Dec 2021	2.11
MB-IRO-0020	Iron ore 62% Fe fines, % Si VIU, cfr Qingdao, $/tonne	06 Jan 2022	(5.25)		Dec 2021	(4.94)
MB-IRO-0024	Iron ore 62% Fe fines, 0.01% P VIU, cfr Qingdao, $/tonne	06 Jan 2022	(0.85)		Dec 2021	(0.82)
MB-IRO-0019	Iron ore 65% Fe fines, % Fe VIU, cfr Qingdao $/tonne	06 Jan 2022	2.54	0.00%	Dec 2021	2.29

SPB

Source: dashboard.fastmarkets.com/m/74fba24b-937e-4451-9960-041bac5bbfa3

Pittsburgh

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0303	Steel scrap No1 heavy melt, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	475	0.00%	Dec 2021	475
MB-STE-0304	Steel scrap No1 bundles, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	591	0.00%	Dec 2021	591
MB-STE-0305	Steel scrap No2 bundles, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	389	0.00%	Dec 2021	389
MB-STE-0306	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	610	0.00%	Dec 2021	610
MB-STE-0308	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	530	0.00%	Dec 2021	530
MB-STE-0309	Steel scrap machine shop turnings, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	375	0.00%	Dec 2021	375
MB-STE-0310	Steel scrap cast iron borings, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	330	0.00%	Dec 2021	330
MB-STE-0312	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	505	0.00%	Dec 2021	505
MB-STE-0598	Steel scrap punchings and plate, consumer buying price, delivered mill Pittsburgh, $/gross ton	06 Dec 2021	832	0.00%	Dec 2021	832

Chicago

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0228	Steel scrap No1 heavy melt, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	480	0.00%	Dec 2021	480
MB-STE-0229	Steel scrap No2 heavy melt, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	465	0.00%	Dec 2021	465
MB-STE-0230	Steel scrap No1 bundles, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	585	0.00%	Dec 2021	585
MB-STE-0231	Steel scrap No2 bundles, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	340	-4.23%	Dec 2021	340
MB-STE-0232	Steel scrap No1 busheling, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	580	0.00%	Dec 2021	580
MB-STE-0233	Steel scrap shredded auto scrap, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	540	0.00%	Dec 2021	540
MB-STE-0234	Steel scrap machine shop turnings, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	330	0.00%	Dec 2021	330
MB-STE-0235	Steel scrap cast iron borings, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	370	0.00%	Dec 2021	370
MB-STE-0236	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	634	0.00%	Dec 2021	634
MB-STE-0237	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	505	0.00%	Dec 2021	505
MB-STE-0577	Steel scrap low-residual, black foundry busheling, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	742	0.00%	Dec 2021	742

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0578	Steel scrap low-residual, ductile-quality shredded clips, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	742	0.00%	Dec 2021	742
MB-STE-0579	Steel scrap low-alloy punchings, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	762	0.00%	Dec 2021	762
MB-STE-0239	Steel scrap cupola cast, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	609	0.00%	Dec 2021	609
MB-STE-0240	Steel scrap clean auto cast, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	672	0.00%	Dec 2021	672
MB-STE-0243	Steel scrap drop broken machinery cast, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	587	0.00%	Dec 2021	587
MB-STE-0246	Steel scrap steel car wheels, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	545	0.00%	Dec 2021	545
MB-STE-0244	Steel scrap rail crops 2ft max, consumer buying price, delivered mill Chicago, $/gross ton	06 Dec 2021	603	0.00%	Dec 2021	603

Philadelphia

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0285	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	440	0.00%	Dec 2021	440
MB-STE-0286	Steel scrap No1 bundles, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	550	0.00%	Dec 2021	550
MB-STE-0287	Steel scrap No2 bundles, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	400	2.56%	Dec 2021	400
MB-STE-0288	Steel scrap No1 busheling, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	550	0.00%	Dec 2021	550
MB-STE-0289	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	515	1.98%	Dec 2021	515
MB-STE-0290	Steel scrap machine shop turnings, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	335	0.00%	Dec 2021	335
MB-STE-0291	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	565	0.00%	Dec 2021	565
MB-STE-0292	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	460	0.00%	Dec 2021	460
MB-STE-0293	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	06 Dec 2021	450	0.00%	Dec 2021	450

St Louis

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0621	Steel scrap No1 heavy melting, broker buying price, fob St Louis, $/gross ton	07 Dec 2021	415	-2.35%	Dec 2021	415
MB-STE-0622	Steel scrap No2 heavy melting, broker buying price, fob St Louis, $/gross ton	07 Dec 2021	405	-2.41%	Dec 2021	405
MB-STE-0623	Steel scrap No1 busheling, broker buying price, fob St Louis, $/gross ton	07 Dec 2021	555	-1.77%	Dec 2021	555
MB-STE-0624	Steel scrap No1 dealer bundles, broker buying price, fob St Louis, $/gross ton	07 Dec 2021	550	-1.79%	Dec 2021	550
MB-STE-0626	Steel scrap shredded scrap, broker buying price, fob St Louis, $/gross ton	07 Dec 2021	455	-2.15%	Dec 2021	455
MB-STE-0627	Steel scrap machine shop turnings, broker buying price, fob St louis, $/gross ton	07 Dec 2021	260	-3.70%	Dec 2021	260
MB-STE-0631	Steel scrap plate and structurals 5ft and under, broker buying price, fob St Louis, $/gross ton	07 Dec 2021	430	-2.27%	Dec 2021	430

Detroit

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0633	Steel scrap No1 heavy melting, broker buying price, fob Detroit, $/gross ton	06 Dec 2021	325	0.00%	Dec 2021	325
MB-STE-0634	Steel scrap No1 dealer bundles, broker buying price, fob Detroit, $/gross ton	06 Dec 2021	390	0.00%	Dec 2021	390
MB-STE-0635	Steel scrap No1 busheling, broker buying price, fob Detroit, $/gross ton	06 Dec 2021	438	0.00%	Dec 2021	438
MB-STE-0636	Steel scrap shredded scrap, broker buying price, fob Detroit, $/gross ton	06 Dec 2021	393	0.00%	Dec 2021	393
MB-STE-0637	Steel scrap plate and structurals 5ft and under, broker buying price, fob Detroit, $/gross ton	06 Dec 2021	356	0.00%	Dec 2021	356
MB-STE-0638	Steel scrap machine shop turnings, broker buying price, fob Detroit, $/gross ton	06 Dec 2021	85	0.00%	Dec 2021	85
MB-STE-0640	Steel scrap cast iron borings, broker buying price, fob Detroit, $/gross ton	06 Dec 2021	115	0.00%	Dec 2021	115

Cleveland

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0255	Steel scrap No1 heavy melt, consumer buying price, delivered mill Cleveland, $/gross ton	06 Dec 2021	480	0.00%	Dec 2021	480
MB-STE-0256	Steel scrap No1 bundles, consumer buying price, delivered mill Cleveland, $/gross ton	06 Dec 2021	640	0.00%	Dec 2021	640
MB-STE-0257	Steel scrap No1 busheling, consumer buying price, delivered mill Cleveland, $/gross ton	06 Dec 2021	640	0.00%	Dec 2021	640
MB-STE-0258	Steel scrap shredded auto scrap, consumer buying price, delivered mill Cleveland, $/gross ton	06 Dec 2021	530	0.00%	Dec 2021	530
MB-STE-0259	Steel scrap machine shop turnings, consumer buying price, delivered mill Cleveland, $/gross ton	06 Dec 2021	305	0.00%	Dec 2021	305
MB-STE-0260	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Cleveland, $/gross ton	06 Dec 2021	500	0.00%	Dec 2021	500
MB-STE-0653	Steel scrap punchings and plate, broker buying price, fob Cleveland, $/gross ton	06 Dec 2021	780	0.00%	Dec 2021	780

Cincinnati

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0249	Steel scrap No1 heavy melt, consumer buying price, delivered mill Cincinnati, $/gross ton	06 Dec 2021	460	0.00%	Dec 2021	460
MB-STE-0250	Steel scrap No1 bundles, consumer buying price, delivered mill Cincinnati, $/gross ton	06 Dec 2021	575	0.00%	Dec 2021	575
MB-STE-0251	Steel scrap No1 busheling, consumer buying price, delivered mill Cincinnati, $/gross ton	06 Dec 2021	575	0.00%	Dec 2021	575
MB-STE-0252	Steel scrap shredded auto scrap, consumer buying price, delivered mill Cincinnati, $/gross ton	06 Dec 2021	505	0.00%	Dec 2021	505
MB-STE-0253	Steel scrap machine shop turnings, consumer buying price, delivered mill Cincinnati, $/gross ton	06 Dec 2021	287	0.00%	Dec 2021	287
MB-STE-0254	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Cincinnati, $/gross ton	06 Dec 2021	485	0.00%	Dec 2021	485

Birmingham

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0698	Steel scrap No1 heavy melting, broker buying price, fob Birmingham, $/gross ton	07 Dec 2021	313	0.00%	Dec 2021	313

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0699	Steel scrap No2 heavy melting, broker buying price, fob Birmingham, $/gross ton	07 Dec 2021	303	0.00%	Dec 2021	303
MB-STE-0700	Steel scrap No1 dealer bundles, broker buying price, fob Birmingham, $/gross ton	07 Dec 2021	505	0.00%	Dec 2021	505
MB-STE-0702	Steel scrap No1 busheling, broker buying price, fob Birmingham $/gross ton	07 Dec 2021	475	0.00%	Dec 2021	475
MB-STE-0703	Steel scrap shredded scrap, broker buying price, fob Birmingham $/gross ton	07 Dec 2021	480	0.00%	Dec 2021	480
MB-STE-0704	Steel scrap machine shop turnings, broker buying price, fob Birmingham $/gross ton	07 Dec 2021	270	0.00%	Dec 2021	270
MB-STE-0710	Steel scrap plate and structurals 5ft and under, broker buying price, fob Birmingham $/gross ton	07 Dec 2021	385	0.00%	Dec 2021	385

South Carolina

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0322	Steel scrap No1 heavy melt, consumer buying price, delivered mill South Carolina, $/gross ton	06 Dec 2021	460	0.00%	Dec 2021	460
MB-STE-0323	Steel scrap No1 busheling, consumer buying price, delivered mill South Carolina, $/gross ton	06 Dec 2021	550	0.00%	Dec 2021	550
MB-STE-0324	Steel scrap shredded auto scrap, consumer buying price, delivered mill South Carolina, $/gross ton	06 Dec 2021	490	0.00%	Dec 2021	490
MB-STE-0325	Steel scrap machine shop turnings, consumer buying price, delivered mill South Carolina, $/gross ton	06 Dec 2021	375	0.00%	Dec 2021	375
MB-STE-0326	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill South Carolina, $/gross ton	06 Dec 2021	470	0.00%	Dec 2021	470

New York

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0379	Steel scrap No1 heavy melt, export yard buying price, delivered to yard New York, $/gross ton	03 Jan 2022	370	0.00%	Dec 2021	372.5
MB-STE-0380	Steel scrap No2 bundles, export yard buying price, delivered to yard New York, $/gross ton	03 Jan 2022	320	0.00%	Dec 2021	322.5
MB-STE-0381	Steel scrap machine shop turnings, export yard buying price, delivered to yard New York, $/gross ton	03 Jan 2022	265	0.00%	Dec 2021	267.5
MB-STE-0382	Steel scrap mixed cast, export yard buying price, delivered to yard New York, $/gross ton	03 Jan 2022	365	0.00%	Dec 2021	367.5
MB-STE-0383	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard New York, $/gross ton	03 Jan 2022	385	0.00%	Dec 2021	387.5
MB-STE-0384	Steel scrap auto bodies, export yard buying price, delivered to yard New York, $/gross ton	03 Jan 2022	350	0.00%	Dec 2021	352.5
MB-STE-0385	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard New York, $/gross ton	03 Jan 2022	380	0.00%	Dec 2021	382.5

Boston

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0366	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Boston, $/gross ton	03 Jan 2022	355	0.00%	Dec 2021	358.75
MB-STE-0369	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Boston, $/gross ton	03 Jan 2022	355	0.00%	Dec 2021	358.75

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0370	Steel scrap auto bodies, export yard buying price, delivered to yard Boston, $/gross ton	03 Jan 2022	225	0.00%	Dec 2021	235
MB-STE-0371	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Boston, $/gross ton	03 Jan 2022	365	0.00%	Dec 2021	368.75

Los Angeles

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0372	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Los Angeles, $/gross ton	03 Jan 2022	265	0.00%	Dec 2021	265
MB-STE-0373	Steel scrap No2 bundles, export yard buying price, delivered to yard Los Angeles, $/gross ton	03 Jan 2022	165	0.00%	Dec 2021	165
MB-STE-0374	Steel scrap No1 busheling, export yard buying price, delivered to yard Los Angeles, $/gross ton	03 Jan 2022	275	0.00%	Dec 2021	275
MB-STE-0375	Steel scrap machine shop turnings, export yard buying price, delivered to yard Los Angeles, $/gross ton	03 Jan 2022	60	0.00%	Dec 2021	60
MB-STE-0378	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Los Angeles, $/gross ton	03 Jan 2022	275	0.00%	Dec 2021	275

Seattle-Portland

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0409	Steel scrap No1 heavy melt, consumer buying price trend, delivered mill Seattle/Portland, $/gross ton	06 Dec 2021	0		Dec 2021	0
MB-STE-0411	Steel scrap machine shop turnings, consumer buying price trend, delivered mill Seattle/Portland, $/gross ton	06 Dec 2021	0		Dec 2021	0
MB-STE-0410	Steel scrap shredded auto scrap, consumer buying price trend, delivered mill Seattle/Portland, $/gross ton	06 Dec 2021	0		Dec 2021	0
MB-STE-0412	Steel scrap cut structural/plate 5ft max, consumer buying price trend, delivered mill Seattle/Portland, $/gross ton	06 Dec 2021	0		Dec 2021	0

Hamilton, Ontario

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0772	Steel scrap No1 heavy melting, broker buying price, fob Hamilton, Canadian $/net ton	07 Dec 2021	359	**4.36%**	Dec 2021	359
MB-STE-0773	Steel scrap No1 dealer bundles, broker buying price, fob Hamilton, Canadian $/ net ton	07 Dec 2021	610	**3.39%**	Dec 2021	610
MB-STE-0774	Steel scrap No1 busheling, broker buying price, fob Hamilton, Canadian $/net ton	07 Dec 2021	505	**4.12%**	Dec 2021	505
MB-STE-0776	Steel scrap shredded scrap, broker buying price, fob Hamilton, Canadian $/ net ton	07 Dec 2021	340	**4.62%**	Dec 2021	340
MB-STE-0777	Steel scrap machine shop turnings, broker buying price, fob Hamilton, Canadian $/ net ton	07 Dec 2021	236	0.00%	Dec 2021	236

Houston

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0765	Steel scrap No1 heavy melting, broker buying price, fob Houston $/gross ton	07 Dec 2021	280	0.00%	Dec 2021	280
MB-STE-0766	Steel scrap No2 heavy melting, broker buying price, fob Houston $/gross ton	07 Dec 2021	270	0.00%	Dec 2021	270

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0767	Steel scrap No1 busheling, broker buying price, fob Houston $/gross ton	07 Dec 2021	430	0.00%	Dec 2021	430
MB-STE-0768	Steel scrap shredded scrap, broker buying price, fob Houston $/gross ton	07 Dec 2021	325	0.00%	Dec 2021	325
MB-STE-0769	Steel scrap machine shop turnings, broker buying price, fob Houston $/gross ton	07 Dec 2021	200	0.00%	Dec 2021	200
MB-STE-0770	Steel scrap plate and structurals 5ft and under, broker buying price, fob Houston $/gross ton	07 Dec 2021	305	0.00%	Dec 2021	305

Weekly composite prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0531	Steel scrap No1 heavy melt, consumer buying price, delivered mill, $/gross ton, weekly composite	31 Dec 2021	465	0.00%	Dec 2021	
MB-STE-0526	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, $/gross ton, weekly composite	31 Dec 2021	610	0.00%	Dec 2021	
MB-STE-0523	Steel scrap shredded auto scrap, consumer buying price, delivered mill, $/gross ton, weekly composite	31 Dec 2021	525.75	0.00%	Dec 2021	

Pittsburgh stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0046	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, $/gross ton	04 Jan 2022	2195 - 2240	3.12%	Dec 2021	2122.75 - 2206.5
MB-STS-0047	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, $/gross ton	04 Jan 2022	2016 - 2128	2.22%	Dec 2021	1993.5 - 2088.75
MB-STS-0133	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Dec 2021	2150 - 2184	4.58%	Dec 2021	2150 - 2184
MB-STS-0134	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Dec 2021	1949 - 1966	4.65%	Dec 2021	1949 - 1966

Chicago stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0067	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, $/gross ton	04 Jan 2022	2195 - 2240	2.59%	Dec 2021	2139.25 - 2200.75
MB-STS-0068	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, $/gross ton	04 Jan 2022	2038 - 2128	1.63%	Dec 2021	2021.75 - 2088.75
MB-STS-0069	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, $/gross ton	04 Jan 2022	806 - 829	2.77%	Dec 2021	784.25 - 851.5

Detroit stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0087	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, $/gross ton	04 Jan 2022	2195 - 2240	2.59%	Dec 2021	2139.25 - 2206.5
MB-STS-0088	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, $/gross ton	04 Jan 2022	2061 - 2128	2.20%	Dec 2021	2021.75 - 2088.75
MB-STS-0048	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, $/gross ton	04 Jan 2022	806 - 829	0.00%	Dec 2021	784 - 845.75

Cleveland stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0196	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Cleveland, $/gross	04 Jan 2022	1568 - 1680	6.63%	Dec 2021	1478 - 1568
MB-STS-0197	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Cleveland, $/gross	04 Jan 2022	1456 - 1568	6.29%	Dec 2021	1389 - 1456

New York stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0115	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, $/gross ton	04 Jan 2022	2117 - 2128	1.87%	Dec 2021	2094.5 - 2131
MB-STS-0116	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, $/gross ton	04 Jan 2022	1904 - 1938	0.00%	Dec 2021	1904 - 1938
MB-STS-0117	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, $/gross ton	04 Jan 2022	717 - 739	0.00%	Dec 2021	717 - 739