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Top stories

Britishvolt, Glencore to develop battery recycling ecosystem in UK

By Andrea Hotter - Thursday 03 February

Britishvolt and Glencore are to develop a new ecosystem for battery recycling in the United Kingdom at the site of the mining and marketing company's Britannia Refined Metals (BRM) operation in Northfleet, Kent, the investor in battery cell technologies and research and development said.

The move builds on a strategic partnership announcement in August 2021, in which Glencore said it would supply responsibly-soured cobalt to Britishvolt.

It will mark a return to recycling for BRM, with the goal of supporting the creation of a circular economy that supplies recycled materials and minerals back into the battery supply chain.

Once complete, the plant will be Glencore and Britishvolt's first battery recycling facility in the United Kingdom. It is expected to have a processing capacity of a minimum of 10,000 tonnes of lithium-ion batteries per year, including but not limited to valuable battery manufacturing scrap, portable electronics batteries and full electric vehicle (EV) packs.

The facility will process all Britishvolt's valuable battery manufacturing scrap from its gigafactory in Blyth, Northumberland. At capacity, the gigaplant will produce enough cells for over 300,000 EV battery packs per year, intended primarily for the automotive industry.

BRM - the largest primary lead producer in Europe, producing primary lead from Glencore's Mount Isa and third-party lead and silver bullion - will continue with its current production and trading operations.

The recycling facility is expected to be operational by mid-2023 with the long-term aim of being 100% powered by renewable energy

Recycling

Both companies believe that battery recycling will form a key part of the energy transition, efficiently recovering the critical metals needed to move away from fossil fuels and slash carbon emissions, Britishvolt said.

The Britishvolt-Glencore partnership will also look to develop other recycling activities such as black mass refining into battery grade raw materials, Britishvolt noted.

The partnership also aims to research how to make the recycling of EV batteries easier and more cost effective, maximizing their supply chain value and to influence legislation, including increasing regulation of recycling and environmental, social and governance (ESG) requirements.

According to Timon Orlob, Britishvolt global chief operating officer, recycling is key to a successful energy transition and has always been a major part of Britishvolt's business model.

"We've been looking for the perfect partner to help kick start a UK battery recycling industry and FTSE100-listed Glencore has expert historical experience in recycling," Orlob said.

"This joint venture will help us both to create a truly sustainable battery value-chain, create jobs and develop new battery recycling technologies. Both Britishvolt and Glencore are fully committed to reducing carbon across the supply chain," he added.

According to Britishvolt, the partnership will also allow it to assist its original equipment manufacturers (OEMs) customers on their path to sustainability by offering hedging opportunities against swings in raw materials prices.

Glencore has multi-decade experience in recycling, which is one of the company's seven core pathways to achieve net-zero carbon emissions by 2050.

"We believe the opportunity to utilize BRM's operations as a cutting-edge battery recycling facility will help support the development of a United Kingdom battery recycling industry," Glencore's head of cobalt trading David Brocas said.

"It will also play a part in furthering the United Kingdom's climate ambitions as well as Glencore's as we work towards net-zero total emissions by 2050," he added.

US HRC index consolidates around $61/cwt

By Rijuta Dey Bera - Wednesday 02 February

Hot-rolled coil prices in the United States slipped below $61 per hundredweight ($1,220 per short ton) for the second time this week, when an already slow spot market was further crippled by a winter storm raging across large swathes of the country.

Fastmarkets' daily steel hot-rolled coil index, fob mill US was calculated at $60.88 per hundredweight ($1,217.60 per short ton) on Wednesday February 2, down by 1.28% from $61.67 per cwt on Tuesday and by 5.86% from $64.67 per cwt a week ago.

Fresh inputs were received in the distributor and consumer sub-indices in a range of $55.00-62.50 per cwt, representing deals, deals heard, offers and general indications of current spot market pricing.

An input at the high end of the range was discarded at the assessor's discretion because it fell outside the geographical footprint of Fastmarkets' methodology specifications. An input was carried over in the producer sub-index due to a lack of liquidity there.

Heard in the market

Some sources have indicated the rate of the spot price decline seems to be slowing for domestic hot band. Producers are also offering bigger discounts for one-off deals if the volumes are large, a consumer source said.

Additionally, a major winter storm raging across large parts of the Midwest, South and Northeast of the country have caused temporary disruptions in operations. Some service centers contacted by Fastmarkets today were closed for business due to inclement weather.

Quote of the day

"We have also heard of import offers going below $50 per cwt for May, but we are not interested in that as our inventory level is good, so it's better to wait," a distributor source said.

Dom Yanchunas in New York contributed to this report.

People on the move (updated)

By Dom Yanchunas , Orla O'Sullivan - Wednesday 02 February

A roundup of personnel changes in the metals world.

Majestic Steel USA — The steel service center named **Sean Madigan** its vice president of sales, manufacturing. Madigan returns to Majestic after serving as sales and marketing manager at Nucor Steel Arkansas. "Sean's experience with Nucor was integral to the startup of their new coating line and he will continue to be a critical part of the Majestic-Nucor partnership and other strategic supply relationships," Cleveland-based Majestic said in a press release on Tuesday February 1. Madigan's new responsibilities "will include leading the commercial startup of Majestic's new, state-of-the-art facility in Hickman, Arkansas, to further expand Majestic's business in the manufacturing sector," the statement said. Before his tenure at Nucor, Madigan was Majestic Steel's director of original equipment manufacturer and service center sales.

Service Aluminum Corp — **Laura Sleighte**r joined the Elliott City, Maryland-based aluminium scrap broker as a senior trader effective Tuesday February 1. Sleighter spent a decade with Arconic Corp and its predecessor companies, responsible for various types of copper and other non-ferrous scrap, including used beverage cans (UBCs). She was most recently with the US Army as a safety program manager. Service Aluminum trades more than 300 million lbs of scrap per year, dealing in UBCs, aluminium wheels, sow, ingot, extrusions and other products, according to its website.

Firm export fuels ferrous scrap trade optimism

By Amy Hinton - Wednesday 02 February

Global deep-sea ferrous export sales are notching up at higher prices, feeding expectations that February's ferrous trade in the United States may be better than expected for sellers in coastal and export-influenced markets.

"Export is getting better, that could put pressure on prices here," a mill buyer in the Houston market said. "Now I am hearing a more sideways market on cuts and shred. Prime grades are down but it is not clear by how much. I think the market will be better than expected," he added.

A European cargo was sold comprising 30,000 tonnes of heavy melting scrap 1&2 (80:20) priced at $475 per tonne cfr and 10,000 tonnes of shred at $495 per tonne cfr. The sale came to light on Wednesday February 2 and equates to $480 per tonne cfr and $500 per tonne cfr for each grade respectively, given the $5-per-tonne premium US scrap ordinarily commands.

Prior to this, a Baltic cargo comprising 18,000 tonnes of a 95:5 mix of HMS 1&2 priced at $493 per tonne cfr, equivalent to $491 per tonne for US-origin HMS 1&2 (80:20), was heard sold on Monday January 31.

US deals done on the basis of the aforementioned would constitute a $8-19-per-tonne increase for HMS 1&2 (80:20) compared to the last-reported US sales of the grade, done at $472 per tonne, and an $8-per-tonne increase for shred, last sold at $492 per tonne and reported on January 26.

US sellers are reportedly targeting $490 per tonne cfr for HMS 1&2 (80:20) putting their expectations broadly in line with the aforementioned Baltic sale.

Midwest sellers, who were previously expected to fare worse than their coastal counterparts this month, are pinning their hopes on adverse weather conditions to bolster their scrap prices.

"The upper Midwest is about to be paralyzed by a powerful snowstorm. They are going to get 2ft of snow in Toledo and 1ft in Detroit. This will limit operations and inbound scrap flows will become an issue. We are having a hard time buying scrap because of the weather," a Midwest broker told Fastmarkets.

Fastmarkets' steel scrap HMS 1&2 (80:20), export index, fob New York remained at $435 per tonne on Wednesday, having risen by 1.87% from $427 per tonne the previous week on the basis of the three prior cargo sales – two to Turkey and one to Egypt.

Likewise the shredded scrap, export index, fob New York held at $455 per ton, having risen by 5.20% to $455 per tonne from $432.50 per tonne in the same comparison and on the same basis.

West Coast containerized scrap prices continued to escalate, with sellers reporting a $20-per-tonne increase in sales to Vietnam last week to $465-470 per tonne cfr. US sellers' offers have now hit $490 per tonne cfr.

A bulk cargo sale from the West Coast to Bangladesh is thought to have been concluded at $557 per tonne cfr for HMS 1&2 (80:20) approximately a week ago, but this could not be confirmed at the time of publication.

A deal at this level would constitute an increase of $32-34 per tonne compared to the last overall US West Coast sales of HMS 1&2 (80:20) at $523-525 per tonne cfr to South Korea reported on January 26, and a $42 per tonne increase on the last-reported US sale of the grade to Bangladesh concluded at $515 per tonne cfr on January 12.

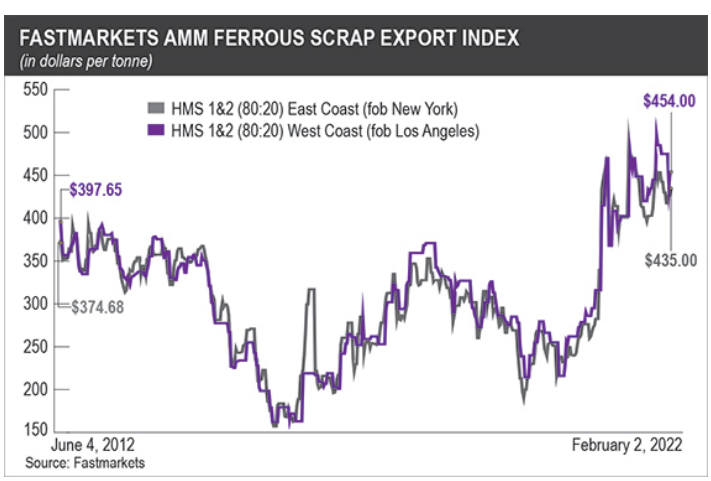
Fastmarkets' steel scrap HMS 1&2 (80:20), export index, Los Angeles was unchanged at $454 per tonne on February 2, but previously up by 5.58% from $430 per tonne on January 12 on the basis of the South Korean sales.

Dock prices continued to hold firm in the week to Monday January 31 in line with stable US export prices over the period.

Fastmarkets' export yard buying price for No1 heavy melt, delivered to yard Boston remained at $340 per gross ton on January 31, stable after falling by 4.23% to that level from $355 per ton three weeks prior.

The export yard buying prices for No1 HMS in Philadelphia and New York were similarly static at $365 per ton and $360 per ton respectively, the former having fallen by 1.35% from $370 per ton and by 1.37% from $365 per in the same comparison.

Fastmarkets assessment of the steel scrap No1 heavy melt, export yard buying price, delivered to yard Los Angeles was steady at $265 per ton on January 31, a level it has maintained since November 15, when the price dropped by 3.64% from $275 per ton.



US stainless scrap prices inch higher

By James Lawrence - Wednesday 02 February

The stainless steel scrap market in the United States is not in clear focus for dealers and processors, with nickel continuing to be unpredictable in the midst of strong demand.

"The market is pretty stable now, but with iron expected to take another drop in February this could cause some headwinds for stainless scrap prices," one dealer source said.

The winter weather "has slowed the flow of scrap and could be a major reason why scrap prices have remained strong despite some market challenges," he said.

"Our inbound flow for January 2022 was off about 25%, with some weather-related issues and some customers saying they are slow," a second dealer said.

Fastmarkets assessed the stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Pittsburgh at $1.38-1.45 per lb ($3,091-3,248 per gross ton) on Tuesday February 1, up by 1.8% from $1.36-1.42 per lb the previous week.

The assessment of the broker buying price for 304 solids, clips, delivered to processor Pittsburgh widened upward by a penny to $1.02-1.05 per lb on Tuesday from $1.02-1.04 per lb one week earlier, while that for 304 turnings, delivered to processor Pittsburgh widened to $0.95-1.00 per lb from $0.96-0.99 cents per lb in the same comparison.

The broker buying price for 430 bundles, solids, delivered to processor Pittsburgh held at 37-38 cents per lb on February 1, while 430 turnings, delivered to processor Pittsburgh widened downward by 1 cent to 31-33 cents per lb from 32-33 cents per lb previously.

Fastmarkets' assessment of the broker buying price for 409 bundles, solids, delivered to processor Pittsburgh widened downward by a penny to 31-33 cents per lb on Tuesday from 32-33 cents per lb on January 25, while that for 409 turnings, delivered to processor Pittsburgh was firm at 26-28 cents per lb.

"Export has definitely cooled off," the second dealer said.

Dealing with the shipping lines, securing vessels, getting containers, chassis and local trucking has become very frustrating and "not worth the aggravation," this source said.

"The demand is out there, but the supply is not there, and we will not be selling until we have multiple loads on the ground ready to go," the second dealer said.

"There seem to be some supply shortages in our region with Covid, and our industrials are not producing as much so far this year," a third dealer said.

Multiple truckload quantities are having a major impact on the price of stainless, and are commanding as much as 3-4 cents per lb more for the 304 grade and even more in some cases for the 316 grade.

As the Covid-19 pandemic continues to sweep the country, causing employment and production issues, the supply chain remains a challenge.

"The crystal ball is murky again and driving everybody crazy," a fourth dealer said.

The London Metal Exchange's cash nickel contract closed the official session at $23,300 per tonne ($10.57 per lb) on February 1, down by 0.53% from $23,425 per tonne ($10.625 per lb) on January 26.

LME nickel stocks have continued to drop, moving to 88,608 tonnes at the close of business on Tuesday, down by 3,966 tonnes from 92,574 tonnes at the close on January 25.

New lithium market cycle offers growing opportunities for traders

By Dalila Ouerghi, Davide Ghilotti - Wednesday 02 February

The rebound in global demand for and prices of lithium compounds is creating a market environment that is increasingly attractive for commodity traders.

While until recently the lithium space was mostly characterized by a notable absence of intermediaries – aside from a few – and relied mainly on direct seller-buyer interactions, the surge in prices of lithium compounds, as well as the expected growth in demand across the lithium complex in the coming years, are creating new opportunities for intermediaries.

This has been particularly evident in the domestic Chinese market where spot liquidity has historically been more relevant than in other regions with an established spot market and participants in it.

Market prices have surged in the past year following the multi-year lows of 2020 - the commodity entered a new bullish cycle supported by high demand for electric vehicles (EV) batteries. This has supported a price uptrend across the whole lithium complex, including technical grades, battery grades and spodumene concentrate feedstock.

Fastmarkets' price assessment for lithium carbonate 99.5% Li2CO3 min, battery grade, spot prices cif China, Japan & Korea was $44-47 per kg on January 27, rising by 574% from $6.00-7.50 per kg in January 2021.

The assessment for lithium hydroxide monohydrate LiOH.H2O 56.5% LiOH min, battery grade, spot price cif China, Japan & Korea was $41-43 per kg on January 27, an increase of 366% at the mid-point from $8.50-9.50 per kg a year earlier.

The yearly rally was been triggered by a rapid change in direction in Chinese domestic lithium prices, with the lithium carbonate 99.5% Li2CO3 min, battery grade, spot price range exw domestic China assessed at 350,000-370,000 yuan ($59,974-58,116) per tonne on January 27, up by 433% from 65,000-70,000 yuan a year ago.

The fast-paced growth of the market, together with underlying demand trends, led to carbonate overtaking hydroxide and trading at a premium, which has increased in 2022 to date.

The growth story also highlights a market where traders can identify new business opportunities.

This has been particularly noticeable in the carbonate market due to its larger share of the total lithium market (carbonate accounted for about 65% of total lithium production in 2021) compared with a smaller but growing hydroxide market (32% of total production in 2021, with other lithium salts making up about 3%).

In previous years, the few intermediaries active in lithium used to limit themselves to handling spodumene. But with the entire complex poised for strong growth, commodity traders are increasingly interested in the downstream lithium chemicals market.

Carbonate has fewer logistics complexities than hydroxide, sources in China acknowledge; this allows for it to be easily interchangeable among players across the supply chain.

Additionally, the booming carbonate market in China led to also material with low-grade specifications to enter the battery supply chain for certain entry-level applications.

In the current environment, this means lithium carbonate as a product lends itself better to the intermediary activity of traders than hydroxide.

This, however, is set to evolve while battery demand expands outside of China where different battery chemistries and OEM strategies are likely to prompt growth of the overall size of the hydroxide market.

Commoditization

The increased presence of traders in lithium is one element in the "commodization" narrative that was a topic of some debated a few years ago - market participants and observers were split between those who considered lithium as a pure specialty chemical or a commodity.

While the industry has since moved on, that debate remains relevant to understand the sector today and its continuing evolution.

The lithium market's strong demand growth prompted a tightening of product specifications and brought about increasingly stricter quality parameters in response to requirements by large consumers, such as OEMs. Supply of new compounds was established with those higher quality parameters, de facto enforcing a new standard.

In carbonate, that led to units being more homogenized in terms of product quality, making them more interchangeable across the market, with consumers less tied to one producer's specs.

While the sector may continue to be considered a specialty chemicals business overall (including the specialty, non-battery grade applications, for instance), some components of the market have increasingly behaved like other commodities.

Lithium carbonate has moved in this direction, attracting commodity specialists such as traders.

"When a market is growing rapidly, when consumers are scrambling for material and prices are all over the place, then opportunities for traders emerge," William Adams, head of battery materials research at Fastmarkets, said.

Some participants suggest the involvement of traders has partially contributed to this year's price rally in lithium in the domestic Chinese market, which eventually filtered through other regions.

"Through the past year this has been happening: there were traders withholding stocks and then releasing it to the market," one converter source said, adding that the current tightness means that strategy is now less evident: "Most of the traders that I work with have limited stocks on hand now."

"Commercial arms of big producers" rather than full-blown traders have become more active in the past year, especially in China, a Europe-based trader suggested.

"I don't think traders have been squeezing the market in China but [rather] big producers have been holding inventories [to support price growth]," he said.

As with other commodity markets, traders' engagement in lithium is showing instances of direct involvement with new projects, proving expertise and trade finance.

In December, Traxys and start-up European Lithium said they will cooperate to develop the Wolfsberg Lithium Project in Austria, where the junior is seeking to set up a lithium hydroxide operation by the end of 2023.

Around the same time, Traxys also signed a multi-year offtake agreement with Canada-headquartered junior miner Lepidico. The trader will provide sales, marketing, logistics and trade finance services for 100% of the initial phase of the company's lithium hydroxide production, which is expected to come online in 2023.

Risk management tools

The development of financial instruments such as derivative futures contracts, which have been launched by several commodity exchanges to provide tools to participants in the battery raw materials supply chain to manage price risk, will also benefit traders and enable them to take positions on the market while they look at both the futures and physical markets.

"Lithium has been so unpredictable [in 2021], and it's astounding how strong [the price growth] has happened," a producer source said. "That's why it's so important to have good visibility of where the market is."

The Singapore Exchange (SGX) is looking to launch four futures contracts – for cobalt metal, cobalt hydroxide, lithium carbonate and lithium hydroxide – in the first half of the year to provide new hedging instruments for participants involved in energy transition, it said earlier this month.

"The combination of fast-moving prices, concern about supply and the emergence of traders is likely to increase the need for risk management tools such as exchange-traded futures," Fastmarkets' Adams said.

US keeps CVD order on Indian welded pipe

By Mark Burgess - Wednesday 02 February

The United States Commerce Department has decided to continue countervailing duties on imports of welded stainless pressure pipe from India.

The ruling is the result of an expedited first sunset review, according to a notice published in the Federal Register on Tuesday February 1.

In November 2016, Commerce set a final countervailing duty of 3.13% on Steamline Industries Limited and 6.22% on Sunrise Stainless Private Limited. All other Indian producers were assigned a rate of 4.65%. After completing the five-year sunset review of the subsidy order in late 2021, Commerce said the countervailing duties will continue to be applied.

"Revocation of the order would be likely to lead to continuation or recurrence of countervailable subsidies," Tuesday's order stated.

CME busheling futures trade 150 lots

By Amy Hinton - Wednesday 02 February

CME busheling futures traded 150 lots, or 3,000 gross tons, on Tuesday February 1, up by 142 from eight lots the day prior.

No lots were traded against the front-month February contract, which settled unchanged from the previous session at $515 per gross ton, according to a daily report from the exchange.

The July-September contracts traded 50 lots apiece before each closed at $535 per ton, down by $5 per ton in the same comparison.

Open interest stood at 6,590 lots, or 131,800 gross tons, up by 92 lots from 6,498 lots during the previous session.

February's domestic ferrous trade is set to kick off imminently, and many market participants expect that prime grades are due to have a "healthy drop" this month versus in January.

Initial estimates that prime grades, including those of No1 busheling, could fall be as much as $50 per ton month on month have been reinforced by a slew of end-of-month cancellations issued by US mills on Monday January 31.

Fastmarkets assessment of the steel scrap No1 busheling, consumer buying price, delivered mill Chicago was at $520 per ton on January 10, down by 10.34% from $580 per ton on December 6.

CME's busheling futures contracts are settled against Fastmarkets' steel scrap No1 busheling index, delivered Midwest mill, which was calculated at $542.33 per ton on January 10, down by 10.18% from $603.81 per ton on December 10.

Base metals

Australia funds new graphite projects with critical minerals facility cash

By Andrea Hotter - Wednesday 02 February

The Australian government has approved loans to two domestic companies to produce highly purified graphite as it builds the country's critical minerals supply chain, it said.

The loans, worth Australian $239 million ($168 million), are the first under the government's recently established critical minerals facility (CMF) and have been provided to EcoGraf Limited and Renascor Resources.

Australia's minister for trade, tourism and investment Dan Tehan said the projects will promote Australia as a trusted supplier of critical minerals to the world.

"The government's support for these projects through the A$2-billion CMF is a clear demonstration of our faith in the potential of Australia's critical minerals sector," Tehan said.

"At a time of booming global demand for smartphones, electric vehicles and other technologies, this commitment from the Australian government positions Australia strongly into the future in the critical minerals sector," he added.

The CMF was established in 2021 by the Australian government and is managed by the country's export credit agency, Export Finance Australia. The facility's purpose is to secure vital supplies of resources needed to drive the new energy economy and effectively help fill finance gaps in the development of critical minerals resources to get them off the ground.

The move comes amid a paradigm shift in transport technology to electric vehicles and battery storage for the renewable energy sector. Graphite makes up 100% of the battery anode and represents almost half of the total minerals in a lithium-ion battery.

Automakers have stepped up their efforts to secure graphite supply as concerns over availability rise.

Currently, all global supply of spherical battery graphite is produced in China.

Projects

EcoGraf's A$40-million ($28-million) loan is designed to support the planned expansion of the company's battery anode material facility near Perth, Australia, to 20,000 tonnes per year. Purified spherical graphite will be shipped to major anode customers in Asia, Europe and North America.

Subsequently, the company has said it plans to expand the battery graphite production base to include additional processing facilities in Europe and North America to support the global transition to clean, renewable energy in the coming decade and the rapid growth in battery materials.

The company has also developed a process to recycle battery anode material generated from lithium-ion battery production processes and end-of-life batteries.

Renascor Resources meanwhile has secured a loan worth A$185 million ($130 million) to support the development of its Siviour graphite project in South Australia.

Graphite concentrates will be processed into purified spherical graphite at a 28,000-tpy manufacturing facility and shipped to battery anode manufacturers in Northeast Asia. The company has commitments for 100% of its first-stage production from anode companies Shanxi Minguang New Material Technology Co Ltd and Jiangxi Zhengtuo New Energy Technology Co Ltd, as well as Japan-based global trading company Hanwa Co Ltd.

Renascor is seeking further offtake agreements and investment to advance development of the project, it has said.

Fastmarkets' latest assessment of the price for graphite, spherical, 99.95% C, 15 microns, fob China was $3,100-3,300 per tonne on Wednesday February 2, up by 24.27% from $2,350-2,800 per tonne on July 1, 2021.

US copper premium remains stable in watchful market

By Yasemin Esmen - Wednesday 02 February

Copper spot premiums were stable in the United States in the week to Tuesday February 1, with market participants watching for developments in international relations and in the US stock market, while elevated transport costs continued to cause concern.

- The spot market was quiet while most transactions continued under yearly contracts.
- Market participants were wary of international tensions and a volatile stock market.
- East Asian markets were closed for the region's lunar new year holidays.

The copper grade 1 cathode premium, ddp Midwest US, was stable on February 1 at 8-10 cents per lb, unchanged since late November last year, amid minimum activity in the spot market.

"The copper [premium] stays strong," one veteran trader said.

The spot market was generally quiet, with only a few deals reported within Fastmarkets' range.

Although business was satisfactory to many market participants, sources expressed concerns that the volatility in the stock market and the underlying copper price were making market participants cautious.

"The copper market was up in the morning, then down, then up again... It is a narrow trading range but [the market] doesn't seem to have stability," a second trader said on Monday.

This had more to do with market participants' confidence than with the physical availability of the metal, he said, because "there is no [metal] shortage or excessive demand. And there is no relief in transportation costs."

Ocean freight costs were reported to have remained 8-9 times higher than their pre-Covid-pandemic levels, while truckload rates per mile were expected to be 28.2% higher in the first quarter of 2022 than before the pandemic.

Political issues were also making spot-market buyers uneasy, sources said.

"There is too much commotion and uncertainty around the world," the second trader said. "Russia-Ukraine, China-Taiwan... Everyone is keeping their ears to the ground, just hoping for the best."

Aluminium Norf signs power purchase agreement for wind energy

By Carrie Bone - Wednesday 02 February

Germany-based Aluminium Norf (Alunorf) has signed a power purchase agreement (PPA) with energy company Engie to purchase wind energy from five wind farms in North Rhine-Westphalia, the company said.

This year 28 million kilowatt hours will be available depending on wind levels and the output of the turbines, which will fully cover the requirements to operate four induction furnaces that supply pre-material for aluminum cans, it said on social media.

"Aluminum is an indispensable basic material for the energy and mobility revolution," Michael Wälchli, Alunorf technical managing director, said. "We see it as our responsibility to produce the aluminum we need in the most resource-efficient way possible."

The company aims to emit up to 30% less CO2 by 2026 compared with 2015 under its corporate strategy goals.

"The key lever for this are Scope 3 [greenhouse gas] emissions which we can massively reduce through better recycling. We at Alunorf have recently set important milestones with investments in an intelligent logistics and batching system and a third recycling furnace. At the same time, we also work on improving our Scope 1 and 2 emissions," he added.

The European aluminium industry has enjoyed growing demand for low-carbon products in recent years as decarbonization efforts are ramped up.

"As an energy-intensive company, we depend on a stable power supply. We are looking intensively at how we can integrate regenerative alternatives in the power supply or also gas as an energy source for furnaces into our profile", Alunorf commercial managing director Oliver Hommel said.

"The targeted delivery volume over the one-year period is very well suited for adding wind power to our existing portfolio in the short term. In 2022, we will test how the product fits our needs and how we can tackle fluctuations in supply. We will use this experience to build a strategy on how to continuously and sustainably increase the share of renewables in our power portfolio," he added.

The Alunorf operations have capacity of more than 1.5 million tonnes per year; it is a joint venture of Speira and Novelis Deutschland.

Alro looking to restart aluminium production in 2023

By Carrie Bone - Wednesday 02 February

Romanian aluminium producer Alro is exploring ways to restore its electrolytic aluminium production if the energy market can regain its stability, the company said in a press release on Monday January 31.

The company hopes to restore production to its 2021 level from 2023 onward, subject to the energy prices on the market.

"We are actively looking for solutions to secure the energy needs for 2023 for all our five potrooms, and thus to preserve the vertical integration of our business, because we believe that integration will remain in the long run one of the main advantages of our business model," Marian Nastase, chairman of the board of directors, said.

"Based on our current estimates, the restarting costs for each electrolysis potroom may be in the range of $10-12 million, depending on the raw material prices at that time and the period [that has] since they were put into conservation," he added.

The company announced in December 2021 that it would reduce production of primary aluminium from five electrolysis halls to two halls, while taking the necessary technological steps to enable a quick and efficient restart when the energy market returned to sustainability.

Consequently, it intends to implement this plan in 2022.

The European aluminium industry has been grappling with surging power costs in recent months, with some companies choosing to curtail production.

Aluminium premiums in Europe are currently high, with the region still tight on stock.

To mitigate the effect on its turnover of the temporary shutdown of three electrolysis halls, the company currently buys cold primary metal from the market, it said.

It added that this will enable it to maintain or possibly increase the output of processed products, while production will be adjusted for the less-profitable primary aluminium products.

As a result, it estimates that turnover for 2022 will at least be maintained at a level consistent with 2021, with the adopted production plan being the best solution for the current market conditions.

Chile copper output down 1.9%, Escondida down 14.8% in '21: Cochilco

By Ana de Liz - Wednesday 02 February

Chilean copper production fell by 1.9% in 2021 from 2020 to a multi-year low of 5.623 million tonnes, copper commission Cochilco said on Wednesday February 2

This is the lowest total since 2017 when Chile produced 5.503 million tonnes of copper, according to Cochilco's figures.

Output in the last month of the year was 497,200 tonnes, down from 500,400 tonnes in December 2020 but up from November 2021's total of 482,100 tonnes.

Output was lower at nearly all the copper mines in the country in 2021 than in 2020, Cochilco's report showed, including at BHP's Escondida, the world's largest copper mine.

Escondida produced 1.011 million tonnes of copper last year, down from 1.187 million tonnes in 2020.

According to Cochilco, output from state-owned copper producer Codelco was marginally higher in 2021, however - its mines produced 1,727,900 tonnes, up by 600 tonnes from 2020.

Growth in output was marked at Codelco's El Teniente mine, where production was up by 3.7% at 459,800 tonnes from 443,200 tonnes in 2020. All of Codelco's other mines, including Salvador or Andina, reported lower production, according to Cochilco.

Production at Andina, which had to contend with weeks of strikes in September from workers and supervisors fell by 3.9% in 2021 to 117,300 tonnes from 184,500 tonnes in 2020.

Production at Collahuasi, which has Anglo American, Glencore and Mitsui & Co as shareholders, was up slightly at 630,000 tonnes from 629,100 tonnes in 2020.

The biggest growth reported to Cochilco came form the Candelaria and

Spence mines, where production increased by 25.1% and 38.4% in 2021 to 118,600 tonnes and 674,400 tonnes respectively.

Candelaria is operated by Lundin Mining while Spence is part of BHP's Pampa Norte operation, which also includes the Cerro Colorado mine. Cerro Colorado output fell by 16.7% to 57,400 tonnes in 2021.

Fastmarkets calculated its copper concentrate TC index, cif Asia Pacific at $58.50 per tonne on January 28, up by 2.45% from $57.10 per tonne a week earlier. Availability increased in the week to the assessment, with no major disruptions reported so far in 2022, leading to the rebound in the index.

Participants are, however, focused on developments surrounding Chile's new mining royalty bill - the government intends to impose a new tax both on copper sales on and profits. The bill cleared a further regulatory hurdle last week, getting approval from the senate's mining and energy commission.

HAI starts third melting furnace at Romanian site

By Carrie Bone - Wednesday 02 February

Hammerer Aluminum Industries (HAI) has started its third melting furnace to recycle material for casting at its site in Santana, Romania, having invested €4.5 million in the project, the company said in a press release.

The new melting furnace has significantly increased the company's capacity since the start of 2022, and will increase the recycling and remelting capacity of the HAI Group to 250,000 tonnes per year, it said.

The creation of the furnace was in response to high industry demand for aluminium lightweight products, the company said.

The company has been certified against ASI's 'Performance Standard' for responsible production, sourcing and stewardship of aluminium since November 2020.

The investment in a multi-chamber furnace for recycling material was an important step for the HAI Group due to high demand for aluminum lightweight products, it said.

"We were able to implement the project quickly and put the melting furnace into operation at the beginning of the year as planned. This means that we can now supply the market with high-quality recycling material at full capacity," HAI chief executive Rob van Gils said.

The plant will recycle material with low energy consumption and maximum metal yield, having been planned and implemented by Machine builder Hertwich Engineering.

"Customers and investors are demanding a real transformation towards sustainable management, in ecological and social terms. The topics of CO2 emissions and the circular economy will continue to gain in importance. With a recycling rate of up to 80%, our company is a pioneer in the aluminum industry. We are highly motivated to further advance these processes" van Gils said.

China to raise nickel, cobalt, lithium battery scrap tax rebate to 50%

By Julian Luk - Wednesday 02 February

China is to raise the value-added tax (VAT) rebate for nickel, cobalt and lithium battery scrap to 50% in a bid to encourage recycling in 2022, according to official documentation.

The VAT rebate is currently 30%, but will be revised upward for some materials starting from next month, according to a Ministry of Finance document entitled the 'Better Utilization of Resources Through VAT Policy Adjustment.'

The rebate benefit will only apply to recyclers that meet certain criteria, including a combined recovery rate of nickel, cobalt and manganese of no less than 98% and a recovery rate for lithium of no less than 98%, according to the official document.

The more commonly used tax rebate of 30% for lead-acid battery scrap remains unchanged. That rebate also applies to ferrous scrap used in steelmaking, as well as for scrap motors, wire & cable and aluminium cans.

"I am still skeptical [about] the effectiveness of boosting [electric vehicle (EV)] battery recycling through a tax rebate rise," an EV battery scrap consumer said.

"A lot of motor battery scrap is sold by individual consumers; how could the receipts be collected for tax rebate purposes?" the consumer said. "In an ideal world, all used batteries should be collected by companies. A few Chinese firms are planning to do so, but we are not seeing any substantial moves at all."

European zinc premiums stretch to new highs

By Yasemin Esmen, Callum Perry - Wednesday 02 February

Zinc premiums in Europe reached new highs during the week to February 1 amid an acute lack of availability in the spot market, while those in the United States held at record high levels.

- No offers reported in Europe, but premium continues to rise amid scarcity sentiment.

- Participants in United States note that European smelter outages could also affect premiums there.
- Asian markets closed for Lunar New Year holidays.

Northern European zinc premiums rise for fourth consecutive week

Special high-grade (SHG) zinc premiums in Northern Europe rose for the fourth consecutive week on Tuesday, amid higher indications from participants.

Fastmarkets assessed the zinc SHG min 99.995% ingot premium, dp fca Rotterdam and the zinc SHG min 99.995% ingot premium, dp fca Antwerp at $350-400 per tonne on Tuesday, both up by $20-30 from $320-380 per tonne last week.

Last week, the zinc premium range reached a new high, surpassing the previous record level for the zinc SHG min 99.995% ingot premium, dp fca Rotterdam set in December 2005. The premium has continued to climb this week following higher indications from market participants.

There was one deal reported to Fastmarkets with a premium within the

current range.

Several participants pegged the market at upwards of $450 per tonne, but Fastmarkets is yet to confirm if these levels are reflective of the competitive market.

"The current situation is only getting worse," one trader in the region told Fastmarkets. "Premiums are now a secondary issue for some consumers; finding actual material is far more important."

Many participants noted they were receiving a high volume of inquiries for material across the region.

"We can't keep up with demand," a second trader noted.

The acute tightness in supply is specific to Europe and many participants are looking to other regions for importing opportunities to Europe.

"Everything is just in the wrong place at the moment," a producer told Fastmarkets, noting that consumer demand in China was not as strong currently, meaning that stock levels there are likely to stay high.

Some participants in Europe expect premiums to remain at elevated levels and potentially push higher still.

"The current situation is just supply and demand; there is no supply but high demand, so premiums move higher," a consumer in the region said.

But some said that current increases are unsustainable and could soon lead to prices flattening.

"Consumers are not in a hurry to conclude business," a trader based in Southern Europe told Fastmarkets, adding that some consumers who are well covered were willing to wait for premiums to fall before entering the spot market.

US premiums stable amid uncertainty

Zinc and lead premiums in the US were stable on Tuesday at their highest levels since Fastmarkets started assessing the markets.

Fastmarkets assessed the zinc SHG min 99.995% ingot premium, ddp Midwest US at 20-24 cents per lb, unchanged week on week.

The tightness in metal availability continued but the spot market was generally quiet with very few deals reported within Fastmarkets' range.

Offers were heard in a wider spectrum though both below and above the assessed range, although no deals were reported at these outlier premium levels.

One market participant was offered the metal at a high outlier premium, but said he felt the seller was not really looking to sell.

Some sources said the production cut at Nyrstar's zinc smelter in Auby, France, could cause zinc premiums to increase not only in Europe but also in the US.

Nyrstar's Auby operation is among a number of electrolytic zinc smelters affected by soaring energy prices in Europe.

Meanwhile, Fastmarkets assessed lead 99.97% ingot premium, ddp Midwest US at 18-20 cents per lb and the lead 99.99% ingot premium, ddp Midwest US at 19-22 cents per lb on February 1, both unchanged from the week prior.

One trader said the metal was so tight that it was almost impossible to get a quote, while some sellers were reported not to be responding to inquiries.

Political tensions over a possible Russian invasion of Ukraine is causing volatility in the stock markets and giving spot buyers cold feet and making them opt for a wait-and-see approach, according to sources.

Inclement weather conditions across the US have also caused disruptions to deliveries, with the northeastern snow storm during the last weekend of January causing up to 30 inches of snow in some parts.

Grupo México Q4 earnings soar on higher prices, but Cu, Zn output down

By Renato Rostás - Wednesday 02 February

A summary of production results and earnings figures for the mining division of Grupo Mexico in the fourth quarter and full year of 2021, as shown in the company's latest quarterly report released on Tuesday February 1.

In brief

• Both fourth-quarter and full-year copper output were lower year on year due to reduced production at all mines except Cuajone, in Peru.

• According to its subsidiary Southern Copper Corp (SCC), copper grades in mined ore and recovery levels continued to drop toward the end of the year, further reducing output.
• Revenues and earnings increased significantly, however, due to higher metal prices on the London Metal Exchange.
• Full-year 2021 operating cash costs averaged $0.84 per lb, falling from $0.85 per lb a year before amid higher prices for byproducts such as gold, silver and molybdenum.
• Development of projects in Mexico continued as normal, with Buenavista Zinc expected to initiate operations in 2023, the Pilares copper concentrate plant scheduled to start up in the second half of 2022, and the El Pilar copper mine in 2024.
• In Peru, SCC was still awaiting authorization to begin activities at the Tía María copper plant, whose development was stopped by the government due to community protests, while the Los Chancas copper-molybdenum project was still expected to start up in 2027 and Michiquillay was scheduled for 2028.

Key figures (year-on-year percentage change)
Copper production
Fourth quarter: 269,152 tonnes, down by 7.17% from 289,939 tonnes

Full-year 2021: 1.08 million tonnes, down by 3.91% from 1.13 million tonnes

Copper sales volumes
Fourth quarter: 256,988 tonnes, down by 11.94% from 291,841 tonnes

Full-year 2021: 1.06 million tonnes, down by 6.67% from 1.13 million tonnes

Zinc production
Fourth quarter: 16,487 tonnes, down by 1.65% from 16,763 tonnes

Full-year 2021: 66,958 tonnes, down by 2.86% from 68,930 tonnes

Zinc sales volumes
Fourth quarter: 20,921 tonnes, down by 22.49% from 26,991 tonnes

Full-year 2021: 91,570 tonnes, down by 12.58% from 104,752 tonnes

Net sales, mining division
Fourth quarter: $3.10 billion, up by 17.78% from $2.63 billion

Full-year 2021: $12.09 billion, up by 41.11% from $8.57 billion

Earnings before interest, taxes, depreciation and amortization (Ebitda), mining division
Fourth quarter: $1.87 billion, up by 30.30% from $1.43 billion

Full-year 2021: $7.78 billion, up by 82.43% from $4.16 billion.

Trafigura, Mubadala close sale of Spanish copper, zinc, lead mining complex

By Callum Perry - Wednesday 02 February

Trafigura and Mubadala Investment Co have finalized the sale of the Minas de Aguas Teñidas (Matsa) copper, zinc and lead mining complex in Spain to Australian mining and exploration company Sandfire Resources.

The multinational commodity trading company and Emirati sovereign wealth fund said the $1.87 billion sale of the copper, zinc and lead asset to Sandfire, which was announced by the Australian company in September 2021, was completed on Tuesday February 1 - subject to regulatory approvals.

The Matsa mining complex is in Andalusia in southwest Spain and consists of three underground mines and a 4.7 million-tonnes-per-year processing facility.

The site produces copper, zinc and lead mineral concentrates, which are then shipped out from the port city of Huelva.

The site produced 536,000 tonnes of concentrate in 2021, including 197,000 tonnes of polymetallic copper, 95,000 tonnes of cupriferous copper, and 196,000 tonnes of zinc concentrate.

"Our vision for Sandfire is to become an international diversified and sustainable mining company. The completion of this transaction represents a major step closer to realizing this aspiration," Sandfire managing director and chief executive Karl Simich said.

As part of the terms of sale, Trafigura will retain the life-of-mine offtake agreement for 100% of the Matsa output.

The sale comes just as zinc and lead benchmark concentrate treatment charge negotiations are beginning, with some market participants expecting to see a rise because the increase in availability has to be set against rising production costs for smelters in Europe and elsewhere.

Analysts at merchant bank Citi forecast in December that production disruptions in Europe could result in a zinc market supply deficit of 260,000 tonnes in the first half of 2022.

Fastmarkets assessed the zinc spot concentrate TC, cif China at $110-135 per tonne on January 28.

Supply tightness has already begun to affect the refined zinc market in Europe, with spot premiums for special high-grade zinc reaching new record levels on February 1. Fastmarkets assessed the zinc SHG min 99.995% ingot premium, dp fca Rotterdam at $350-400 per tonne on Tuesday, an increase of $20 on the previous range.

And Fastmarkets assessed the copper treatment charge index, cif Asia Pacific at $58.50 per tonne on January 28.

Glencore's lead output falls 14% in 2021; cobalt, FeCr production up

By Ana de Liz - Wednesday 02 February

A summary of Glencore's production results for the full year 2021, released by the company on Wednesday February 2.

In brief

- Compared with 2020, Glencore's production of copper, nickel, zinc and lead from its own mining assets all fell on a full-year basis.
- Furthermore, zinc production fell by 16% to 161,000 tonnes and lead production dropped by 25% to 48,900 tonnes in the fourth quarter of 2021, while nickel production rose by 10% to 31,200 tonnes.
- Glencore says the drop in copper production was due to the disposal of the Mopani mine in Zambia, expected lower grades at the Antapaccay mine in Peru and lower copper by-product output from its mature zinc and lead mines.
- "Lengthy scheduled statutory shutdown and maintenance issues" at Murrin Murrin in early 2021 accounted for the lower nickel production, the company said.
- The "expected decline" in the Maleevsky mine in Kazakhstan, lagged by the slower-than-expected ramp-up of the new Zhairem mine, together with lower grades at the Kidd mine contributed to the lower zinc mine production, Glencore said, partially offsetting stronger zinc production in Antamina.
- Following the company's announcement in the final quarter of 2021 that it would be reducing production at its European smelters due to high energy prices, production of refined zinc at Glencore's Portovesme, San Juan de Nieva, Nordenham and Northfleet plants totaled 195,500 tonnes in the fourth quarter, down by 4% from 2020. Overall production for the full year was at 800,600 tonnes, however, up 2% from the previous year.
- Glencore reported substantially higher ferro-chrome and cobalt production in 2021 compared with a year earlier, which the company attributed to the higher operating performance in South Africa on the former, and the "limited restart of production" at Mutanda, for the latter.
- The company noted it completed the disposal of the Ernest Henry copper mine in Australia in January 2022.
- Production guidance has been maintained, with the company noting that "changes, if any, to the guidance will be updated in April" together with its first quarter 2022 production report.

Full year 2021 production
(year-on-year percentage change)

Copper
1.195 million tonnes, down by 5%

Cobalt
31,300 tonnes, up 14%

Zinc
1.117 million tonnes, down 4%

Lead
222,300 tonnes, down by 14%

Nickel
102,300 tonnes, down 7%

Ferro-chrome
1.468 million tonnes, up 43%

Gold
809,000 oz, down 12%

Silver
35.519 million oz, down by 4%

Guidance for 2022

Copper

1.120 million - 1.180 million tonnes

Cobalt
45,000 - 51,0000 tonnes

Zinc
1.080 million - 1.140 million tonnes

Nickel
110,000 - 120,000 million tonnes

Lead
240,000 tonnes average for 2022-2024

Ferro-chrome
1.430 million - 1.490 million tonnes

Key quotes - Gary Nagle, chief executive officer
"The operating environment remained challenging in 2021, with the Covid-19 pandemic again dominating the daily lives of many of our colleagues, families, local communities and society at large."

"Maintaining production in 2021 became increasingly important as many of our products, so crucial for decarbonization, energy supply and industrial output, saw higher levels of demand. Overall, our operations largely performed in line with guidance expectations."

LME aluminium stocks hit 15-year low, with European supply concerns supporting higher premiums

By Alice Mason, Imogen Dudman - Wednesday 02 February

Market participants expect to see further support for European aluminium premiums in 2022, while bullish sentiment continues to be stoked by dwindling stockpiles around the world.

With China's production levels falling below expectations in 2021, and the continuing European energy crisis halting production at a number of key sites, market participants are becoming increasingly concerned about the availability of material amid high levels of domestic demand.

"There are fewer than five [market participants] holding significant volumes [in Europe]," one trader told Fastmarkets. "Even the biggest of them is not offering substantial clips. Why would you want to run yourself too thin when there's not enough metal around?"

Fastmarkets most recently assessed the aluminium P1020A premium, in-whs dp Rotterdam, at $445-475 per tonne on Tuesday February 1, flat since January 21 but up by 58.6% from $280-300 per tonne at the start of December.

Likewise, premiums in Southern Europe have been rising on tight availability for duty-paid units. Fastmarkets most recently assessed the aluminium P1020A premium, fca dp Italy, at $510-540 per tonne on February 1, up from $360-375 per tonne two months earlier.

"As the world's largest primary aluminium producer, and the key growth contributor over the past decade, Chinese primary production fell short of expectations by more than 1.2 million tonnes. We expected growth to be close to 8% year-on-year, but the final figure came in just above 3%," Wenyu Yao, senior commodities strategist at ING, said.

"Consequently," she added, "additional primary supply growth is heavily reliant on the rest of the world. However, access to cheap and clean power supplies remains a key factor determining the sustained supply growth from existing projects and supply in the future. The power crisis in Europe is expected to lead to primary production falls for the third year in a row."

Long queues out of Port Klang
Shipments of units out of stockpiles in London Metal Exchange warehouses could help to correct deficits in Europe, although long queues for material out of Port Klang in Malaysia meant that the market would remain tight for at least a few months, market participants said.

"The correction of European supply can come from Asia, there's no doubt about that, but the deficit in Europe won't be cured overnight," a second source said.

Queues for delivery out of warehouses in Port Klang were currently running until June, market participants told Fastmarkets, with additional waiting time necessary for berth slots out of the port.

"Say it takes four weeks for the metal to be physically removed from the warehouse and loaded at a berth in Port Klang, you're talking about it leaving in July," the first trader said. "It then takes 30 days minimum if the vessel is running at full steam to Europe. You're then seeing material land in Rotterdam, or Italy, or Turkey, in August at the earliest."

"If you wanted to cancel some units now," one producer added, "wait in the queue at the warehouse, wait at the port for a berthing, wait for a vessel and then ship it all the way into Italy, for example. Good luck [in seeing it] arriving before everyone's on their summer holidays."

High freight rates, waiting times at ports and ship shortages all added to the problems of bringing material into Europe.

Market participants told Fastmarkets that you would be lucky to bring units into Europe "this side of summer." Logistically, if sellers wanted to bring units into Europe, it would have to be in large volumes of at least 20,000 tonnes so as to fill up a vessel, while shipping units in containers was not viable.

"The problem is that while tonnes are available in Port Klang, some units - in fact, a lot of them - are going to correct deficits elsewhere," the second trader said. "They're going to Latin America, or they're going to New Orleans. They are not all coming here."

Fastmarkets assessed the aluminium P1020A premium, ddp Midwest US, at 34-35 cents per lb on February 1, flat from the previous session but up from 29-31 cents per lb one month earlier.

Diminishing stocks in LME warehouses
Although LME warehouses in East Asia may be the answer to some of Europe's deficit, stock levels of available material in the aluminium hub of Port Klang were shrinking.

A total of 10,675 tonnes of aluminium was removed from warehouses in Port Klang on Tuesday and, with 288,425 tonnes of material already scheduled for cancellation, total available stocks in the Malaysian port were most recently at 269,625 tonnes.

In comparison, 711,950 tonnes of the lightweight metal sat in Port Klang warehouses on February 1 last year, with 556,325 tonnes available on-warrant.

"Even some of the stock in the LME warehouses is not really available to us," a fourth trader said. "[It] may be tied up in warehouse agreements, already cancelled and waiting in a queue, or older material. The headline stocks are lower, and usually there would be some off-exchange stocks to ease the market. No-one would worry if the LME was low, but the whole market is tight in Europe now."

Aluminium units outside of official LME warehouses, often referred to as shadow stocks, were also reported to be limited, with market participants concerned over the lack of such back-up material.

"When you look at it, there isn't really the hidden stocks waiting to be found," the fourth trader added. "Some consumers keep 6-8 weeks of stock, but that's normal. Outside of that, there is little [material] on the ground in Europe."

European, US nickel premiums climb on renewed demand, inventory tightness

By Chris Kavanagh, Callum Perry - Wednesday 02 February

Renewed demand and limited promptly available inventories in both Europe and the United States boosted nickel premiums in the week to Tuesday February 1.

- Strong demand across all nickel products sends European premiums upward.
- Thin inventories and renewed spot interest drive US briquette premium to new heights.

Nickel premiums rise across the board in Europe on strong demand
Premiums for nickel have risen within Europe after demand increases within the region across all products.

Nickel briquette premiums continued their recent price rise.

Fastmarkets assessed the nickel briquette premium, in-whs Rotterdam at $200-250 per tonne on Tuesday, up by $50 per tonne from $150-200 per tonne a week earlier.

The latest range is the highest since September 17, 2019.

Market participants say there is acute tightness for nickel briquettes, which can be used in both battery and stainless-steel applications.

This tightness can be seen in current stock levels in Rotterdam, where there were just 8,502 tonnes of briquettes on warrant on Tuesday. This is nearly 68% lower than on February 1, 2021, when on-warrant stocks stood at 26,412 tonnes.

"There are new inquiries every day for briquettes," a producer source in the region told Fastmarkets, noting that they were well sold of material and therefore unable to meet full demand.

"Our partners in Asia are telling us that people are getting worried [over tight supply]," a second market source said, noting that a significant number of briquettes in the region had been sent to Asia to help meet demand.

The acute supply tightness is also being reflected in overall nickel stocks in Rotterdam. At present there are just 14,382 tonnes on warrant, down 52% from the levels seen this time last year.

"The current high backwardation [in the London Metal Exchange cash/three-month spread] makes it difficult to hold onto metal," a trader in the region told Fastmarkets.

The nickel LME cash/three-month spread stood at $560 per tonne backwardation at the time of writing.

Higher cutting and packaging costs at Rotterdam have also pushed 4x4 cathode premiums higher in the region. With only one cutting facility available in Rotterdam, costs are expected to remain high, especially with limited LME material available.

Fastmarkets assessed the nickel 4x4 cathode premium, in-whs Rotterdam at $270-340 per tonne on Tuesday, an increase of $50 per tonne from $220-290 per tonne a week earlier and its highest level since October 2019.

Increased demand also pushed uncut cathode premiums higher in the region.

Fastmarkets assessed the nickel uncut cathode premium, in-whs Rotterdam at $90-110 per tonne on Tuesday, an increase of $20 per tonne from $70-90 per tonne a week earlier and also at its highest level since October 2019.

US briquette premium ascends to fresh all-time high on tight prompt supply
The nickel briquette premium in the United States widened upward this week to set a new all-time high after receiving support from increased trading activity and thin spot availability.

Fastmarkets assessed the nickel briquette premium, delivered Midwest US at 75-100 cents per lb on Tuesday, widening upward by 10 cents from 75-90 cents per lb on January 25.

This marks the second consecutive upward move for the briquette premium, with it now up by 12.9% from 65-90 cents per lb on January 18.

The latest upward move for the premium represents a fresh record high since Fastmarkets' US premium briquette assessments began in March 2018.

Market participants credited the tightened supply as well as renewed spot market interest with propping up premium levels this week.

"If you need the material promptly, you are going to have to pay a high premium for it right now. It is tight out there for prompt material," a US trader said.

Market participants expect the premium level will remain elevated over the near term given the current supply situation.

Meanwhile, the US nickel cathode premium held flat this week, while the cathode spot market remained more subdued than that of briquette.

The briquette premium remains strongly above that for cathode, after the nickel 4x4 cathode premium, delivered Midwest US held at 55-65 cents per lb on Tuesday, unchanged from the previous week.

Minor metals

Hastings gets funding for Yangibana rare-earths project

By Andrea Hotter - Wednesday 02 February

Hastings Technology Metals has received approvals for a significant portion of the debt package required to fund construction of the Yangibana rare earths project in Western Australia, the company said.

The A140 million ($98 million) loan facility has been provided by the federal government's Northern Australia Infrastructure Facility (NAIF) and forms part of the A$300-400 million ($210-280 million) of total debt funding required for Yangibana.

The company said the commitment by NAIF will enable Hastings to finalize the funding requirements for Yangibana's development and move into full-scale construction throughout 2022, with the objective of delivering first production by 2024.

According to Perth, Australia-based Hastings, the funding is aligned with Australia's critical minerals strategy and the Western Australian government's future battery industry strategy.

The Yangibana project, which comprises a mine and beneficiation plant at the Yangibana site and a hydrometallurgical plant at the Ashburton North strategic industrial area, will become Australia's second rare earths producer and expands the country's strategic capability in downstream processing of rare earths minerals.

It will produce neodymium and praseodymium concentrate, which are used to manufacture permanent magnets used every day in advanced technology products ranging from electric vehicles to wind turbines, robotics, medical applications, and digital devices.

The company noted that the federal government's commitment to Yangibana comes at a significant inflexion point for the global rare earths sector amid a drive by rare earths magnet-end users to secure responsible and reliable sources of supply as the world transitions away from fossil fuels.

"The increased demand from electrification of transport through electric

vehicles and the decarbonization of the energy sector through wind turbines has created pressure for new supply sources to be brought online rapidly," the company said.

"The mixed rare earths carbonate produced by the Yangibana project will meet approximately 6-8% of global demand for the critical minerals of neodymium and praseodymium used in the manufacture of permanent magnets. It will help to position Australia as a strategic partner for the long-term supply of critical minerals necessary to ensure world-wide decarbonization," it added.

Cadence owns 30% of three mining leases and six exploration licenses which form part of Yangibana, with Hastings owning the remaining 70%.

Hastings also operates the Brockman project, which produces heavy rare earths, niobium pentoxide, zirconium, tantalum, hafnium, and gallium.

Element 25 in manganese blockchain JV with Circulor

By Andrea Hotter - Wednesday 02 February

Element 25 Limited, which operates the Butcherbird manganese project in Western Australia, has formed a partnership with Circulor Ltd to establish full traceability and tracking of carbon emissions as well as environmental, social and governance (ESG) standards, the Australian company said on Wednesday February 2.

The tracking and tracing will include current manganese concentrate produced at the site, as well as the planned production of high-purity manganese sulfate battery materials that will be manufactured through the downstream processing of Butcherbird manganese concentrate, the Perth-based company said.

According to Element 25 managing director Justin Brown, the collaboration demonstrates the way the minerals industry is evolving to provide better traceability and accountability while it works to provide the sustainably-produced raw materials required to power the global energy transition away from fossil fuels.

"It reinforces Element 25's commitment to forging a pathway to zero-carbon manganese production from the Butcherbird project," he added.

The mining company will make the ESG metrics, including intensity of carbon emissions and energy mix used, available to downstream market participants, including offtake partners, it said.

The platform developed by Circulor, a provider of blockchain-based supply chain traceability and CO2 emissions tracking services, will also enable Element 25 to show that it meets United Nations sustainability development goals as well the European Commission's battery regulations.

Corporations globally are now expected to disclose their certified ESG performance, which includes the ESG profile of their supply chains. This requirement is increasingly tied to their cost of capital, access to trade finance, brand equity and sometimes license to operate. In some jurisdictions and supply chains, this is already a legal requirement.

Other companies, including Trafigura, are also using Circulor to track and trace data on the carbon emissions in their supply chains.

Titanium markets hold ahead of likely new scrap deals

By Declan Conway - Wednesday 02 February

Key data from Fastmarkets' pricing session in Europe on Wednesday February 2.

FERRO-TITANIUM 70% TI, MAX 4.5% AL
(in $ per kg, ddp Europe)

New price	Previous price	Change to midpoint of range	Midpoint % change
7.70-8.00	7.70-8.00	0	0

TITANIUM SCRAP TURNINGS, UNPROCESSED TYPE 90/6/4, 0.5% SN MAX
(in $ per lb, cif Europe)

New price	Previous price	Change to midpoint of range	Midpoint % change
1.80-2.00	1.80-2.00	0	0

TITANIUM SCRAP TURNINGS, UNPROCESSED TYPE 90/6/4, 0.5-2% SN MAX
(in $ per lb, cif Europe)

New price	Previous price	Change to midpoint of range	Midpoint % change
1.80-1.90	1.80-1.90	0	0

Source: Fastmarkets

Key drivers

- European ferro-titanium prices were unchanged for the eight consecutive week on Wednesday February 2, with suppliers holding their offer prices due to persistently tight scrap availability. Consumer demand for ferro-titanium has been at negligible levels this year, with steelmakers well covered.
- Titanium scrap markets in Europe have been flat for at least five months now; suppliers report they are servicing existing contracts and preparing for new delivery settlements into ferro-titanium producers later in February.

Key quotes

"Available scrap volumes in Europe are not enough for all, sourcing has to be worldwide, and raw materials now even go from parts of Asia to South America. Compared with pre-Covid times, this business trend has increased considerably, but transport costs are a problem. You have to think carefully about where it makes sense to buy from and what additional costs will be incurred until the raw materials are ready for use," - Europe-based scrap supplier

"It is very quiet on the [ferro-titanium] demand side and extremely tight on the scrap side. There is now also a sponge shortage developing, prompting smelters to start stockpiling vacuum-grade scrap. It is a stand-off at the moment, with virtually no movement in prices. The Ukrainian situation [with Russia], at least for now, has had little impact on titanium supply, but that might change quickly," - Russian ferro-titanium trader

Miner-trader Glencore cobalt production up 14% year on year in 2021 on Mutanda gradual restart

By Dalila Ouerghi - Wednesday 02 February

Cobalt production from miner-trader Glencore totaled 31,300 tonnes in 2021, up by 14% year on year due to a limited restart of production at its copper-cobalt Mutanda mine in the Democratic Republic of Congo (DRC), the company said in its annual report.

According to the document, cobalt output from both the copper-cobalt Katanga and Mutanda mines in the DRC totaled 27,700 tonnes for 2021, up by 16% from 23,900 tonnes in 2020, with Mutanda contributing a total of 3,900 tonnes between the second and the fourth quarters of 2021.

In June 2021, Glencore announced the gradual restart of operations at its Mutanda copper-cobalt facility by the end of 2021, with plans to return the asset to normal production in 2022.

Glencore placed the DRC-based facility on care and maintenance in late 2019 following a slump in cobalt prices.

The global miner expected its cobalt output to total 48,000 tonnes in 2022, up by 53.35% from 2021 and in line with its previous production guidance, it said.

Firm cobalt prices

Fastmarkets' assessment of the cobalt hydroxide payable indicator min 30% Co, cif China was at 88-90% of its standard-grade cobalt price (low end) on Wednesday February 2, unchanged since early December.

The cobalt hydroxide payable has been around 90% of the standard-grade metal price during the past year after hitting a record high of 93-94% in late February 2021. The payable indicator was assessed at 61.5-62% at the beginning of 2020.

Logistic bottlenecks are still ongoing in the South Africa-China route and have been cited by sellers as a key factor in the price increase, in addition to tight availability. Most cobalt mined in the DRC is transported to and shipped out the Port of Durban on South Africa's east coast to China.

The disruptions caused shipment delays in 2021 for contracted and spot cargoes.

Buyers in China have been mostly hesitant to accept firm hydroxide prices on a spot basis, citing a tepid downstream cobalt market in the country.

The stalemate between sellers and buyers has continued since the start of 2022, with the spot market reportedly quiet over the past fortnight due to the Chinese New Year festive season.

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

By pricing@fastmarkets.com - Wednesday 02 February

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 34.30-34.75 on Wednesday February 02, 2022.

- Purchase at $33.15 for standard tonnage (discarded - outside of Fastmarkets' specifications)
- Deal heard at $33.50 (discarded - outside of Fastmarkets' specifications)
- Deal heard at $34.75 for small tonnage
- Offer at $34.55
- Prices indicated at $34.00
- Prices indicated at $34.35-34.75
- Prices indicated at $34.25-34.80
- Prices indicated at $34.55-34.65
- Prices indicated at $34.50-35.00
- Prices indicated at $34.30-34.75
- Prices indicated at $34.30-34.75
- Prices indicated at $34.45-34.95
- Prices indicated at $34.30-34.75

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 alloy grade, in-whs Rotterdam, $/lb

By pricing@fastmarkets.com - Wednesday 02 February

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 34.30-34.75 on Wednesday February 02, 2022.

- Sale at $34.50 for small tonnage
- Prices indicated at $34.00
- Prices indicated at $34.35-34.75
- Prices indicated at $34.25-34.80
- Prices indicated at $34.55-34.65
- Prices indicated at $34.50-35.00
- Prices indicated at $34.30-34.75
- Prices indicated at $34.30-34.75
- Prices indicated at $34.45-34.95
- Prices indicated at $34.30-34.75

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Trade log: Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)

By pricing@fastmarkets.com - Wednesday 02 February

The Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end) 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 hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end) at 88.00-90.00 on Wednesday February 02, 2022.

- Prices indicated at 88.00-90.00
- Prices indicated at 88.00-90.00
- Prices indicated at 88.00-90.00
- Prices indicated at 90.00
- Prices indicated at 88.00-90.00
- Prices indicated at 88.00-90.00
- Prices indicated at 89.00-90.00
- Prices indicated at 88.00-90.00

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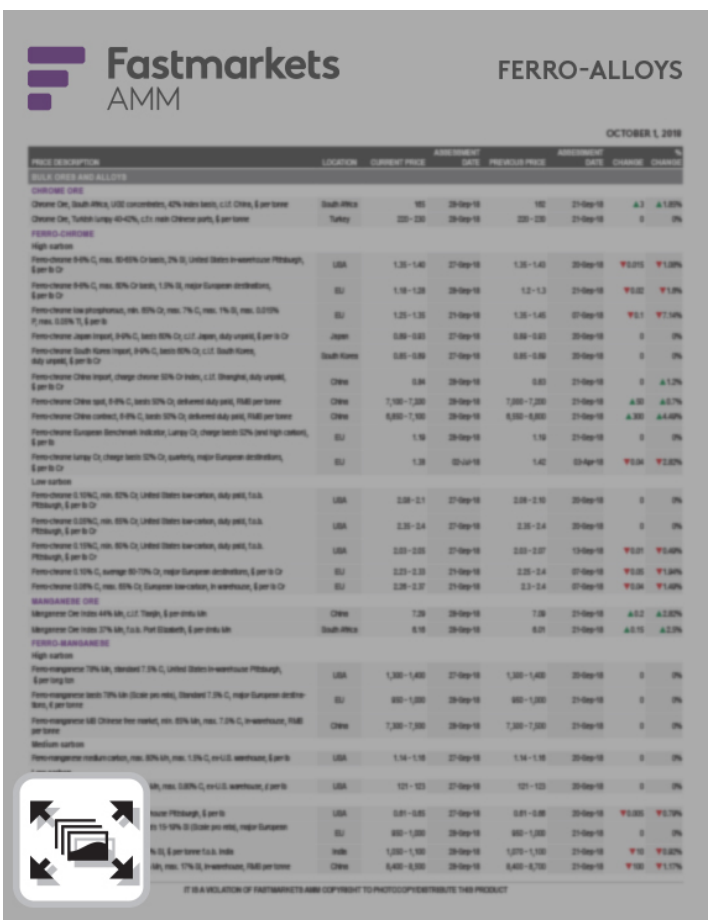
Ores and alloys

Fastmarkets AMM: Ferro-alloys February 2

By Chris Kavanagh - Wednesday 02 February

The latest ferro-alloy prices from Fastmarkets price reporters.


Fastmarkets AMM

FERRO-ALLOYS

OCTOBER 1, 2018

Trade log: Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, $/kg V

By pricing@fastmarkets.com - Wednesday 02 February

The Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, $/kg V 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 Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, $/kg V at 38.00-39.00 on Wednesday February 02, 2022.

- Prices indicated at $38.00-39.00
- Offer at $38.00-39.00
- Sale at $38.55 for 5 tonnes
- Offer at $39.00-40.00
- Prices indicated at $38.00-39.00
- Prices indicated at $38.00-39.00
- Prices indicated at $38.50-39.00
- Offer at $38.50
- Sale at $37.70 for 10 tonnes
- Prices indicated at $38.00-39.00
- Offer at $38.00
- Offer at $38.50
- Offer at $39.40
- Prices indicated at $38.00-39.40
- Sale at $39.00 for 5 tonnes
- Sale at $38.59 for 20 tonnes

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Trade log: Ferro-molybdenum 65% Mo min, in-whs Rotterdam, $/kg Mo

By pricing@fastmarkets.com - Wednesday 02 February

The Ferro-molybdenum 65% Mo min, in-whs Rotterdam, $/kg Mo 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 Ferro-molybdenum 65% Mo min, in-whs Rotterdam, $/kg Mo at 44.00-44.80 on Wednesday February 02, 2022.

- Prices indicated at $44.50
- Prices indicated at $44.50-45.00
- Prices indicated at $43.80-44.25
- Sale at $44.10 for 5 tonnes (discarded as below minimum tonnage)
- Prices indicated at $44.00
- Prices indicated at $43.80-44.20
- Sale at $44.80 for 10 tonnes
- Offer at $45.00 for 5 tonnes (discarded as below minimum tonnage)
- Prices indicated at $44.30-45.00
- Offer at $44.30
- Offer at $43.80 (discarded due to lack of clarity on terms)
- Sale at $44.60 for 5 tonnes (discarded as below minimum tonnage)
- Sale at $44.80 for 1 tonne (discarded as below minimum tonnage)
- Prices indicated at $44.60
- Prices indicated at $44.00

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Trade log: Ferro-tungsten basis 75% W, in-whs dup Rotterdam, $/kg W

By pricing@fastmarkets.com - Wednesday 02 February

The Ferro-tungsten basis 75% W, in-whs dup Rotterdam, $/kg W 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 Ferro-tungsten basis 75% W, in-whs dup Rotterdam, $/kg W at 41.50-42.00 on Wednesday February 02, 2022.

- Deal heard at $42.00 for 5 tonnes
- Purchase at $40.00 (discarded as outside specification)
- Offer at $41.80
- Sale at $41.50
- Sale at $42.00 for 1 tonne (discarded as below minimum tonnage)
- Offer at $41.90
- Deal heard at $41.50
- Prices indicated at $41.50
- Prices indicated at $41.80-42.50
- Sale at $42.00 for 5 tonnes
- Purchase at $41.70
- Sale at $41.80 for 10 tonnes
- Prices indicated at $41.50
- Offer at $43.00
- Prices indicated at $41.50-43.00
- Offer at $42.50

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Glencore boosts ferro-chrome output in 2021

By Claire Patel-Campbell - Wednesday 02 February

Glencore achieved a significant increase in ferro-chrome output during 2021, it said in its latest annual production report published on Wednesday February 2.

In its full-year production results for 2021, the company reported a 43% increase in ferro-chrome output year-on-year, with attributable production of nearly 1.5 million tonnes.

Through its 79.5% stake in the Glencore-Merafe Chrome Venture, the company has interests in the Helena, Magareng and Thorncliffe chrome mines, on the Eastern Limb of the Bushveld Igneous Complex; the Waterval and Kroondal chrome mines near Rustenburg on the Western Limb of the Bushveld Igneous Complex; and the Rietvly silica mine, near Rustenburg. All these assets are in South Africa.

Through the chrome venture, it also has interests in the Boshoek, Wonderkop and Rustenburg smelter complexes, near Rustenburg; and the Lion and Lydenburg smelter complexes near Steelpoort and Lydenburg respectively.

The increase in ferro-chrome production mainly reflected the Covid-19-related South African national lockdown in the preceding year, the company said, as well as a strong operating performance during 2021.

At the same time, chief executive Gary Nagle acknowledged the continuing effects of the pandemic worldwide.

"The operating environment remained challenging in 2021, with the Covid-19 pandemic again dominating the daily lives of many of our colleagues, families, local communities and society at large," he said.

"As a responsible operator, our top priority is to protect the safety and health of our people and the communities that host our businesses," he added. "Maintaining production in 2021 became increasingly important because many of our products - so crucial for decarbonization, energy supply and industrial output - saw higher levels of demand."

Covid-19 in South Africa
The first Covid-19 lockdown in South Africa began on March 23, 2020, for a period of three weeks. Glencore placed its ferroalloys operations on care and maintenance as a result.

Its ferro-chrome smelting operations were suspended in the second quarter of 2020, followed by a phased restart. The Lydenburg smelter was put on extended care and maintenance, with the remaining four smelters fully operational from the fourth quarter of 2020.

The South African lockdown was extended until the end of April 2020, followed by a phased lifting of restrictions, which included allowing miners to produce at no more than 50% capacity as of April 16, 2020.

In Glencore's 2020 production report, then-chief executive Ivan Glasenberg said that Covid-19-related mandatory suspensions and international mobility restrictions had significantly affected that year's production of ferro-chrome in South Africa.

In 2020, the company produced 1.03 million tonnes of ferro-chrome, compared with 1.44 million tonnes in 2019.

Across South Africa, the pandemic had a pronounced effect on chrome production after the announcement of the lockdown, with Samancor declaring *force majeure* at the time, along with Tharisa, which made the declaration on its contracted chrome concentrate sales agreements.

At the end of March 2020, high-carbon ferro-chrome prices in Europe rose sharply, with uncertainty mounting over future supply from South Africa. Chrome producers were among those unable to export material, because they faced shortages of necessary staff and a lack of road and rail transport.

By December 2020, while the pandemic continued to weigh heavily on countries across Europe and they battled a second major wave of infections, the influence on the market of the situation in South Africa had become less dominant, although the after-effects lingered into 2021 in relation to logistics.

According to data published by the South African Department of Mineral Resources & Energy, national monthly chrome ore output (covering material with more than 40% Cr2O3) recovered over the course of 2021, with the most recently published production figures (October 2021) showing 1.62 million tonnes, close to levels seen before the onset of the pandemic.

In April 2020, output dropped as low as 181,474 tonnes, but climbed steadily when restrictions were removed across the country. According to the latest data, production peaked in July 2021, at 1.73 million tonnes, and declined slightly at least until October 2021.

By the autumn of 2021, rapidly rising energy prices globally were the dominant factor affecting chrome ore and alloy markets, alongside continuing freight and logistics challenges, carrying on into 2022.

Steel

SSAB reports record quarterly results on elevated steel prices

By Elina Virchenko - Wednesday 02 February

A summary of the financial results for Swedish steelmaking group SSAB for the fourth quarter and full year of 2021.

In brief
• The full year of 2021 was the best in SSAB's history, with record results reported by all divisions, attributed to high steel prices.

• Fastmarkets' steel hot-rolled coil index, domestic, exw Northern Europe, averaged €998.21 ($1,123.08) per tonne in December 2021, compared with €530.72 per tonne a year earlier.
• SSAB, together with its partners, assisted in the green transition of the steel industry through the Hybrit initiative to produce fossil-fuel-free direct-reduced iron (DRI).
• Against a backdrop of a strong increase in demand for fossil-free steel, SSAB announced plans to transform its Nordic strip production by replacing the existing system with mini-mills, which will also offer a broader product program and improve cost-efficiency.
• Capital expenditure, including maintenance and strategic investments, were planned to increase in 2022 to around 5 billion Swedish kronor ($538 million) primarily by converting production to fossil-free steelmaking in Oxelösund. This would compare with capex of 3.02 billion kronor in 2021, including strategic investments of 835 million kronor in Mobile and Oxelösund.

SSAB Group results, October-December 2021
(Year-on-year change)

Revenue
27.337 billion Swedish kronor ($2.94 billion), up by 60.92% from 16.988 billion kronor

Earnings before interest, taxes, depreciation and amortization (Ebitda)
7.75 billion kronor, up by 438.78% from 1.44 billion kronor

Operating profit
6.96 billion kronor, up by 1,149% from 557 million kronor

Crude steel production
2.07 million tonnes, down by 4% from 2.16 million tonnes

Rolling production
1.82 million tonnes, down by 8% from 1.97 million tonnes

Steel shipments
1.595 million tonnes, down by 10% from 1.78 milllion tonnes

SSAB Special Steels revenue
6.55 billion kronor, up by 61% from 4.07 billion kronor

SSAB Europe revenue
12.45 billion kronor, up by 67% from 7.47 billion kronor

SSAB Americas revenue
6.15 billion kronor, up by 78% from 3.45 billion kronor

SSAB Group results, full year 2021
(Year-on-year change)

Revenue
95.89 billion kronor, up by 46.63% from 65.40 billion kronor

Profit/loss
14.67 billion kronor profit, up from loss of 490 million kronor

Outlook for Q1 2022
The company expected good demand for steel during the first quarter of 2022 in all markets, albeit with continued uncertainty due to the spread of Covid-19, a shortage of components and bottlenecks in logistics chains.

Shipments by SSAB Europe, SSAB Special Steels and SSAB Americas were expected to be higher during the first quarter of 2022 compared with October-December 2021.

For SSAB Europe, however, prices were expected to be lower, while prices for of SSAB Special Steels and SSAB Americas were expected to be stable.

SSAB's iron ore costs were expected to increase quarter on quarter in January-March 2022 on rising iron ore prices. This, together with higher coking coal prices, was expected to affect earnings in the first quarter of this year.

Brazilian iron ore export volumes down 13% due to poor weather

By Felipe Peroni - Wednesday 02 February

Iron ore exports from Brazil decreased by 12.85% year-on-year in January 2022, with the country's southeastern region affected by heavy rainfall.

The country exported 25.21 million tonnes of iron ore in the month, compared with 28.93 million tonnes in January 2021, according to figures released by the Brazilian foreign trade secretariat on Tuesday February 1.

Sales by the mining industry in the country's southeastern region were slowed by the heavy rainfall last month, according to the secretariat.

Several mining operations in Minas Gerais state were halted in January because of risks caused by the adverse weather.

The average export price reached $73.60 per tonne fob in January, down by 23.9% from $96.80 per tonne fob a year earlier.

Fastmarkets' daily index for iron ore 65% Fe Brazil-origin fines, cfr Qingdao, averaged $159.89 per tonne in January 2022, down from $190.43 per tonne in January 2021.

Brazilian iron ore export revenues totaled $1.86 billion in January, down by 33.68% from $2.80 billion a year before.

US opens anti-circ probe on stainless wire

By Robert England - Wednesday 02 February

The US Department of Commerce is initiating an inquiry proceeding to determine whether imports of stainless steel round wire from Vietnam are circumventing the anti-dumping duty order imposed on South Korea, according to a notice in the Federal Register on Tuesday February 1.

The inquiry covers stainless steel wire rod from South Korea that has been cold-drawn and further processed into stainless steel round wire in Vietnam and exported into the United States.

The agency's inquiry comes in response to an allegation from North American Stainless, and will focus on whether the material imported from Vietnam involves a minor alteration to South Korean stainless steel wire rod shipped from Vietnam to the United States.

Commerce will issue questionnaires to producers and exporters in Vietnam to solicit information concerning their shipments of stainless steel round wire to the US. The agency will determine whether it should require that the Vietnamese imports be included within the scope of the countervailing duty order for South Korea.

Commerce intends to issue its final determination within 300 days, putting the deadline at approximately 10 months or December 1.

If Commerce decides to issue a preliminary affirmative determination at the end of its inquiry, the department will instruct US Customs and Border Protection to suspend liquidation and require a cash deposit of estimated duties, at the applicable rate, for each unliquidated entry of the merchandise at issue that has entered or has been withdrawn from a warehouse for consumption on or after February 1, 2022.

The majority of stainless steel wire rod in the United States is round, annealed and pickled, then later cold-finished into stainless steel wire or small-diameter bar, according to Commerce.

Fastmarkets' monthly price assessment for steel wire rod (low carbon), industrial quality, fob mill US was $64-69 per hundredweight ($1,280-1,380 per short ton) on January 18, unchanged from an all-time high on December 21, 2021, and up by 2.31% from $63-67 per cwt on November 16.

European steelmakers push for higher beams prices amid rising costs but struggle with tepid demand

By Ross Yeo - Wednesday 02 February

The price of steel beams in Europe moved up only marginally this week despite significantly higher offers from some mills amid rising production costs, sources told Fastmarkets on Wednesday February 2.

Fastmarkets' weekly price assessment for steel beams, domestic, delivered Northern Europe was €1,080-1,100 ($1,215-1,238) per tonne on Wednesday, narrowing up by €10 per tonne on the low side.

With some offers as high as €1,150 per tonne delivered, one mill source said the proposed increases were absolutely cost-driven and not an attempt to increase margins.

"Electricity, gas, raw materials, logistics – everything is too expensive," that source said, while confirming that sales have been slow. The mill source suggested that buyers needed time to get used to the higher prices, but added that while demand was not great, it was not terrible either.

A second mill source also noted that production costs are high but conceded that steelmakers' margins were so healthy last year that they should be able to manage the costs now.

Nevertheless, that source said that while demand had slowed because of the increased prices, their policy was to push for higher prices to recoup the costs.

Distributors, however, said that prices were expected to come down before long, given that they are at record-high levels, and that was why demand was so slow.

Regarding availability, distributors dismissed suggestions that intermittent production due to high energy costs could lead to an imminent shortage.

"Globally, we're still at overcapacity, I don't think a shortage is likely," one distributor said.

Southern European plate prices rise; producers push for further increases

By Maria Tanatar - Wednesday 02 February

Domestic prices for heavy plate in Southern Europe increased in the week ended Wednesday January 2 and the region's producers have been targeting further price rises, sources told Fastmarkets.

The upwards mood in the market has been driven by rising energy and transport costs, healthy demand and higher prices for import slabs. Heavy plate in Southern and Central Europe is produced mainly by Italian rerollers using imported slab.

Fastmarkets' assessment for steel slab, export, fob Black Sea, CIS surged to $650-665 per tonne fob on January 31, up by $15-20 per tonne from $630-650 per tonne fob a week earlier.

Ukrainian steelmaker Metinvest has increased extras for slabs due to a jump in ferroalloys prices.

"Different grade extras have been increased by $30-35 per tonne on average," an Italian re-roller said.

Metinvest confirmed that they have increased premium for slabs by 25-75% depending on the specific grade of slabs.

As a result, Italian re-rollers have also pushed extras for heavy plate up for different grades, sources said. One source said that extras for s355jr grade plate have increased by €10 per tonne.

"There will be an attempt to increase the extra from €30-35 per tonne to €40 per tonne" for plate, another trader said.

Fastmarkets' price assessment for steel, domestic plate, 8-40mm, exw Southern Europe was €870-900 ($979-1,013) per tonne on February 2, up by €10-20 per tonne from €860-880 per tonne a week earlier.

The assessment was based on transactions and the lower end of official offers heard at €900-950 per tonne ex-works.

Northern European mills had limited volumes available to spot buyers due to agreements with projects and long-term buyers.

Fastmarkets' weekly price assessment for steel, domestic plate, 8-40mm, exw Northern Europe was €1,000-1,020 per tonne on February 2, compared with €960-990 per tonne a week earlier.

The assessment was based on achievable prices estimated by market sources.

"The stock level of German distributors is more or less stable, but most market participants are reporting a very good turnover ex stock in January. All cutting centers are facing a very good order book and order intake," a Northern European distributor said.

Central European re-rollers were reported to face problems related to high energy costs and, as a result, switched to production during night shifts. This resulted in some decline of availability.

Offers of Central European plate have been heard at €900 per tonne ex-works.

US crude steel production slips further

By Fastmarkets AMM staff - Wednesday 02 February

Crude steel production in the United States totaled 1,796,000 net tons for the week ended Saturday January 29, down by 0.39% from 1,803,000 tons the previous week, with mills operating at an average capacity utilization rate of 81.6%.

In the corresponding week last year, mills produced 1,736,000 tons at an average capacity utilization rate of 76.6%, according to the American Iron and Steel Institute, Washington.

Mills have produced an adjusted 7,500,000 tons thus far this year at an average capacity utilization rate of 82.2%, up by 4.28% from 7,192,000 tons at an average capacity utilization rate of 76.6% in the same period last year.

STEEL OUTPUT

Week ended	Net tons in thousands	Capacity utilization
January 1	1,785	80.9
January 8	1,813	82.3
January 15	1,833	83.2
January 22	1,803	81.9
January 29	1,796	81.6
Year to date*	**7,500**	**82.2**
Year ago to date*	**7,192**	**76.6**

*Reflects AISI adjustments.

STEEL PRODUCTION BY DISTRICTS
(in thousands of net tons)

	Jan 29	Jan 22	Jan 15
Northeast	170	168	170
Great Lakes	624	634	629
Midwest	211	201	209
Southern	716	720	742
Western	75	80	83
Total	**1,796**	**1,803**	**1,833**

Source: American Iron and Steel Institute.

Turkish flat steel imports up by 27% in 2021

By Serife Durmus - Wednesday 02 February

Turkey's flat steel import volumes increased by 26.79% year-on-year in 2021, according to data released by the Turkish Statistical Institute (TUIK) this week.

Turkey imported 8,910,270 tonnes of flat steel in January-December 2021, up from 7,027,378 tonnes in 2020.

The main factor driving the import intake upward was strong demand for flat steel, especially in the first half of 2021, in line with the increasing prices at the time.

In addition, demand for flat steel had been weak in the country in the second and third quarters of 2020, when the Covid-19 pandemic had affected all markets. Consequently, the import figures increased in 2021, when the effects

of the pandemic were less extreme in the global steel markets.

In December 2021, Turkey imported 729,333 tonnes of flat steel, up by 33.53% compared with 546,180 tonnes imported in December 2020, according to TUIK.

Turkey started an anti-dumping investigation into imports of hot-rolled flat steel from the EU and South Korea on January 9, 2021. No decision has been announced yet, however.

Current consumption by the automotive sector was limited in Turkey because of recent stoppages caused not only by the global semiconductor chip shortage, but also by electricity shortages in the country.

Current sentiment in Turkey's flat steel market was moderate, with prices increasing along with production costs.

Fastmarkets' latest weekly price assessment for steel HRC, import, cfr main port Turkey, was $840-870 per tonne on January 28, up by $30-50 per tonne week on week from $810-820 per tonne.

Import statistics
Full year 2021

The three main suppliers of hot-rolled flat steel to Turkey in 2021 were Russia, which shipped 1,927,059 tonnes; Ukraine, 1,173,420 tonnes; and India, 614,773 tonnes.

India became a regular exporter of flat steel to Turkey and Europe during 2021, because of weak demand in Asia.

The largest volumes of cold-rolled flat steel also came from Russia, which supplied 339,103 tonnes of material, and from China, with 259,057 tonnes.

For coated steel imports into Turkey in 2021, South Korea was the biggest supplier, with 236,600 tonnes, followed by China with 127,266 tonnes.

Turkey's main suppliers of alloy flat steel in widths of more than 600mm were China, which shipped 461,514 tonnes, and France, which shipped 292,601 tonnes.

TURKISH FLAT STEEL IMPORTS
(tonnes)

	Dec-21	Dec-20	Change %
Hot-rolled flat steel products	450,708	298,550	▲50.97
Cold-rolled flat steel products	58,724	36,055	▲62.87
Coated flat steel products	82,396	63,699	▲29.35
Narrow strip steel products	12,444	10,497	▲18.55
Alloyed steel products	125,061	137,379	▼8.97

Source: TUIK, compiled by Fastmarkets

TURKISH FLAT STEEL IMPORTS
(tonnes)

	January-December 2021	January-December 2020	Changes %
Hot-rolled flat steel products	5,625,497	4,139,773	▲35.89
Cold-rolled flat steel products	821,627	702,229	▲17
Coated flat steel products	743,444	725,937	▲2.41
Narrow strip steel products	122,394	89,836	▲36.24
Alloyed steel products	1,597,308	1,369,603	▲16.63

Source: TUIK, compiled by Fastmarkets

EU HRC prices to rise on higher production costs, import offer rise

By Maria Tanatar - Wednesday 02 February

Domestic prices for hot-rolled coil in Northern Europe and Italy were set to rise on support from higher production and transportation costs as well as a rise in import offer prices, sources told Fastmarkets on Wednesday February 2.

Demand, in the meantime, was reported to be healthy. But buying activity has been slowed down by there being sufficient stocks at distributors and still-limited steel consumption by the automotive industry. Steel demand from car manufacturers has remained slow due to the continuing semiconductors shortage.

Upward sentiment has been supported by rising import offers and high energy and transportation costs as well as some revival in demand.

Some market participants expected that ArcelorMittal and other mills would try to announce another price rise soon. Last week, ArcelorMittal increased its offers for HRC by €30 ($34) per tonne.

Fastmarkets calculated its daily steel hot-rolled coil index, domestic, exw Northern Europe, at €936.14 ($1,053.25) per tonne on Wednesday, down by just €0.86 per tonne day on day from €937.00 per tonne on February 1.

The index was up by €11.14 per tonne week on week and up by €32.81 per tonne month on month.

The calculation was based on a transaction reported at €935 per tonne ex-works and achievable prices estimated by market sources at €940-950 per tonne ex-works.

Earlier this week, buyers reported that official offers have already reached €980-1,010 per tonne ex-works, but these were not included in the calculation because they have not been reflected in deals and remained substantially above "workable" prices heard in the market.

Fastmarkets calculated its corresponding daily steel HRC index, domestic, exw Italy, at €847.52 per tonne on February 2, up by €4.19 per tonne from €843.33 per tonne the day before.

The Italian index was up by €15.85 per tonne week on week and up by €30.02 per tonne month on month.

The calculation was based on achievable prices and deals heard at €840-850 per tonne ex-works as well as offers reported at €860-880 per tonne ex-works.

Import prices
Overseas suppliers have increased their offers on HRC for European buyers. New prices, combined with risks related to potential safeguarding duties and long lead times, meant that buyers have been showing little interest in imported coil.

Fastmarkets' price assessment for steel HRC, import, cfr main port Southern Europe, was €810-840 per tonne on February 2, up by €30-40 per tonne from €780-800 per tonne a week earlier.

The assessment was based on offers from Turkey, Egypt and Asia heard in the market.

The corresponding price assessment for steel HRC, import, cfr main port Northern Europe, was €830-850 per tonne on February 2, up by €20 per tonne week on week from €810-830 per tonne.

The assessment was based on offers heard for HRC from India, Russia and Turkey.

Steel rebar prices in Southern Europe broadly flat despite higher offers

By Julia Bolotova - Wednesday 02 February

Steel rebar prices remained largely unchanged in Southern Europe in the week to Wednesday February 2, despite producers pushing for increases, sources told Fastmarkets this week.

Fastmarkets' assessment for steel reinforcing bar (rebar), domestic, delivered Southern Europe was €820-850 ($923-956) per tonne on Wednesday, narrowing down by €10 per tonne from €820-860 per tonne a week earlier.

Italy

Italian producers kept their offer prices at €570-580 per tonne ex-works. With the addition of extras for 12mm material, that price is equivalent to €830-840 per tonne ex-works, or €850-860 per tonne delivered.

Sources said that rebar in Italy was still trading at €550-560 per tonne ex-works - the highest rate of the assessment week. With the addition of extras for 12mm material, that price is nets back to €810-820 per tonne ex-works, or €830-840 per tonne delivered.

Several transactions for smaller volumes were heard at €850 per tonne delivered.

"Customers [will] not accept the new offer prices at the moment. The most recent sales were done in late January at €550-560 base ex-works," one trader said.

"An increase [will be] hard to push through [if] buyers hold back," a mill source said.

Construction activity was rather slow in Italy, largely due to high building materials prices rather than any seasonal effects, sources said.

But market participants do expect local mills to insist on higher prices in February due to high cost of production, particularly electricity and gas prices in a first place.

"I think new offers will be eventually accepted in deals," another trader said.

Spain

Trading activity in Spain's domestic rebar market was also slow, with local buyers reluctant to accept higher prices.

Locally produced rebar was on offer at €840-850 per tonne delivered in Spain, while a few deals were heard at €820-830 per tonne delivered.

"Buyers are in standby mode, [there's] not much activity in the market," a mill source said.

Expectations for February were different for buyers and producers, however.

According to the mills, a price increase was inevitable, because otherwise steel production at electric-arc furnace-based plants will be loss-making because of the high energy costs.

Buyers, however, suggested that producers are able to manage higher costs, considering the "unbelievable margins they made last year."

Salzgitter prioritizes decarbonization in 2030 strategy

By Julia Bolotova - Wednesday 02 February

Salzgitter aims to slash scope 1 and CO2 emissions volumes by 50% from 2018 figures, it said on Wednesday February 2 when presenting its "Salzgitter 2030 strategy."

The core element is accelerated decarbonization as part of its low CO2-Steelmaking Salcos project, under which it the steelmaker plans to replace blast furnaces at its Flachstahl mill with direct reduction plants. In May 2021, the company started construction of a demonstration plant to produce direct reduced iron (DRI) as part of this project

Salzgitter has three blast furnaces at Flachstahl plant with combined capacity of more than 4 million tonnes per year of pig iron.

Steel production at Flachstahl alone accounts for around 90% of the group's CO2 emissions from all its plants, the company said in its non-financial report for 2018.

The first blast furnace at Flachstahl is scheduled for replacement by direct reduction plants and electric arc furnaces in 2025, with more than 1 million tonnes of green steel produced via this route planned for 2026. All three BFs will be replaced by 2033.

"This is one of the biggest changes in the 150-year history of the Salzgitter Group. CO2 savings of 8 million tonnes per year are achievable, which corresponds to around one percent of Germany's emissions," Gunnar Groebler, chief executive officer, said.

Salzgitter plans to expand the scrap recycling activities by more than 50% to more than three million tpy by 2030.

It also plans to use power generated exclusively from renewable energies and, where expedient, from its own production to make the still energy-intensive manufacturing of products as climate-neutral as possible, it also said.

"We plan to grow in existing and new areas of business and increase annual revenues to more than €11 billion over the period up until 2025... we also intend to proceed with our efficiency program and, as from 2026, plan to leverage more than €150 million [per year] in additional profit improvement potential," chief financial officer Burkhard Becker said.

Salzgitter will start to deliver green steel products to its customers from 2026, it said earlier this week.

Steel wire rod producers in Southern Europe struggle to increase price in a slow market

By Julia Bolotova - Wednesday 02 February

The steel wire rod price was largely stable in the week ended Wednesday February 2 amid slow buying interest, sources told Fastmarkets.

Fastmarkets' weekly price assessment for steel wire rod (mesh quality), domestic, delivered Southern Europe was €820-850 ($923-956) per tonne on Wednesday, narrowing down by just €10 per tonne from €830-850 per tonne a week earlier.

The assessment was based on deals, offers and achievable prices in Italy and Spain reported by sources over the past week.

In Italy, trading remained rather slow in the week, sources said.

Local buyers had high stocks and were not hungry for material, sources said. High prices were "scaring buyers off," one trader said.

Italian producers have been offering wire rod in the domestic market at €830-845 per tonne delivered, Fastmarkets heard. However, sources said discounts were possible.

Transactions were heard done at €820-830 per tonne delivered, several sources said, but local producers have continued to insist on a price rise due to high costs.

"Electricity and gas price are the major reason for an increase. Producers in Italy are doing everything possible to reduce energy bills – working at night, working on weekends, stopping during the peak hours. But it is not enough and affects productivity," a mill source said.

In Spain, offers for wire rod were at €840-850 per tonne delivered, sources said, while scarce deals were done at €820-830 per tonne delivered.

Producers' push for higher prices slowed buying further, sources said

"Current prices for energy leave us few options," one mill source said.

Buyers, however, suggested that producers are able to manage higher costs, considering the "unbelievable margins they made last year."

Turkish mills book more deep-sea steel scrap, prices inch down

By Cem Turken - Wednesday 02 February

Turkish steel producers have continued their deep-sea steel scrap bookings following improving demand for finished long steel products, sources told Fastmarkets on Wednesday February 2.

A steel mill in the Iskenderun region booked a European cargo comprising 30,000 tonnes of HMS 1&2 (80:20) at $475 per tonne and 10,000 tonnes of shredded at $495 per tonne cfr.

The previous deep-sea transaction was concluded on Monday January 31, when a steel mill in the Iskenderun area booked a Baltic Sea cargo of 18,000 tonnes of HMS 1&2 (95:5) at $493 per tonne cfr.

As a result of the fresh transaction, Fastmarkets' daily scrap indices inched down on Wednesday February 2 after a sharp spike on Tuesday.

Fastmarkets' calculation of its daily index for steel scrap, HMS 1&2 (80:20 mix), North Europe origin, cfr Turkey was at $475.14 per tonne on Wednesday, down by $2.62 per tonne day on day.

Fastmarkets' calculation of its corresponding daily index for steel scrap, HMS 1&2 (80:20 mix), US origin, cfr Turkey was $483.43 per tonne, also down by $2.62 per tonne day on day, leaving the premium for US-origin material over European scrap at $8.29 per tonne.

High collection costs due to harsh winter conditions and increased demand for Turkish long steel products caused the strong scrap prices, sources said.

"The price hike sparked demand in the local rebar market. A lot of material was sold at $720 per tonne exw (about $850 per tonne adding 18% VAT) or more. The mills are also attempting to improve their rebar export offers. Nevertheless, demand in the export market is not as robust," a Turkish mill source said.

On January 27, Fastmarkets' weekly price assessment for domestic steel reinforcing bar (rebar) exw Turkey was 11,000-11,300 lira ($824-847) per tonne, up from 11,100-11,300 lira per tonne the previous week, including 18 percent VAT.

"The Turkish market had some resurgence following the sale of rebar to Singapore," another mill source said. "However, there are Middle Eastern suppliers offering rebar to Southeast Asia for $680 per tonne fob... export demand may not support the firm scrap pricing."

Steel rebar prices in Northern Europe flat, buying slow

By Julia Bolotova - Wednesday 02 February

The steel reinforcing bar market in Northern Europe remained quiet in the week to Wednesday February 2, with prices seen largely unmoved, Fastmarkets heard on February 2.

Fastmarkets' weekly price assessment for steel rebar, domestic, delivered northern Europe was €825-860 ($928-968) per tonne on Wednesday, widening downward by €5 per tonne from €830-860 per tonne delivered last week.

The assessment was a reflection of deals, offers and market participants' estimations of workable prices.

Daily demand in the region has remained rather slow over the past week, sources said.

"I would not say that demand is bad, but it is not good either. Buyers [are] taking their time to get used to [the] higher price," a mill source said.

"Sales are slow, high prices scare buyers away," a distributor said.

Offers from mills in Germany were in a range of €560-600 per tonne ex-works base. With the additions for 12mm material, that nets back to around €825-860 per tonne delivered.

At the same time, sources suggested that prices for rebar in the region might inch up in February due to expectations of a recovery in demand.

"The mills will most likely try to increase prices because of costs. [We] will see if the buying picks up enough to support that," one trader said.

Steel mills in Europe have been complaining about the non-stop rise in energy and gas costs since the fourth quarter of last year. Some producers claimed that steel production costs at electric-arc furnaces jumped by €200-300 per tonne compared with last year.

Iranian semis export market quiet, mills remain absent

By Vlada Novokreshchenova - Wednesday 02 February

The Iranian billet and slab export market was quiet in the week to Wednesday February 2, with mills absent for a second week in a row.

In the last week of January, some Iranian steelmakers faced disruptions in their gas and electricity supplies due to severe weather conditions in the country.

As a result, the majority of mills quit the market to concentrate on earlier orders.

This week, no fresh tenders were announced or finalized, Fastmarkets learned.

One source noted an offer of Iran-origin billet offered to the United Arab Emirates in a range of $615-630 per tonne cfr ($595-605) per tonne fob southern ports of Iran, although another trading source said that it was not from the mill but from a trader "trying to cash out their long position as

prices in the global billet market increased."

The same trading source said that the most recent sale of Iranian billet before mills exited the market was done at $560 per tone fob southern ports of Iran.

As a result , Fastmarkets' price assessment for steel billet, export, fob ports Iran, moved to $560 per tonne fob on February 2, up by 1.36% from $550-555 per tonne fob on January 26.

"February rolling is already sold. Mills do not take new orders for March yet," he said.

Fastmarkets' price assessment for steel slab, export, fob ports Iran, was unchanged week on week at $560 per tonne on February 2 amid a lack of market activity.

SSAB's Q1 earnings to take $64 mln hit on unplanned BF outage

By Julia Bolotova - Wednesday 02 February

Swedish steelmaker SSAB expects reduced output in the first-quarter of 2022 due to an unplanned blast furnace outage at a unit in Finland, Fastmarkets has heard.

One of the company's blast furnaces in Raahe will be out of operation during the whole of February, the company said in a release published on Wednesday February 2.

"Repair work is expected to last throughout February, after which it is expected that the blast furnace can be restarted," the release read.

The outage will result in production and shipments losses, the company said.

As a result, SSAB's first-quarter earnings will be negatively affected by around 600 million Swedish krona ($64.6 million).

The integrated SSAB mill at Raahe is capable of producing 2.5 million tonnes per year of pig iron from two blast furnaces and 2.6 million tpy of crude steel, according to company data, with each furnace accounting for about 50% of the total pig iron capacity.

SSAB Raahe also has plate and hot-strip mills.

Vale completes CSI sale to Nucor for $436.7mln

By Renato Rostás - Wednesday 02 February

Vale has concluded the sale of its 50% stake in California Steel Industries (CSI) to Nucor Corp for $436.7 million in cash, the Brazil-headquartered company said on Tuesday February 1.

The deal price included $400 million in enterprise value for half of the United States-based steelmaker, plus adjusted net debt and working capital at the closing of the deal, it said.

The payment was made by Nucor to Vale Canada, which also received $65 million in dividends from CSI for the second half of 2021.

Nucor and Vale announced the agreement on December 13, 2021. Nucor agreed to buy a 50% share in CSI and acquire a 1% equity interest from Japanese steel group JFE, turning CSI into a joint venture between Nucor and JFE.

CSI has flat rolling capacity of around 2.5 million tonnes per year, producing hot-rolled, cold-rolled, pickled, oiled and galvanized steel coil, in addition to welded pipe.

US HRC prices have lost steam since hitting an all-time high in September last year amid tough competition from discounted imports and a reluctance among customers to buying more spot material in anticipation of further drops.

Fastmarkets calculated its daily steel HRC index, fob mill US at $61.67 per hundredweight ($1,233.40 per short ton) on Tuesday, up 1.65% from an 11-month low of $60.67 per cwt the previous day, but still down by 37.23% from the record-high of $98.25 per cwt on September 27, 2021.

Vale has been focusing on its core iron ore and base metals activities in recent years, first divesting from Vale New Caledonia, then selling coal assets, and finally exiting CSI. The sale of the 50% share it owns in steel slab producer Companhia Siderúrgica do Pecém (CSP) is also being considered.

"The [CSI] transaction reinforces Vale's capital discipline, with focus on its core business and commitment to a leaner portfolio," Vale said on Tuesday.

Liberty Magona to increase production by 20% in 2022

By Maria Tanatar - Wednesday 02 February

Liberty Magona, a flat coated steel producer in Italy, plans to increase output by roughly 20% this year due to a rise in organic coated products production, the company said on Tuesday February 1.

Liberty Magona has a production capacity of about 800,000 tonnes per year of galvanized and pre-painted flat steel.

"The plant's significant expansion is expected to come from the addition of new capacity for painting production and a new range of galvanized and pre-painted products, supported by enhanced customer service and broader international sales network," Liberty said.

The new capacity will come into operation in the second half of this year.

Coil used as feedstock for Magona production will be sourced from other mills owned by Liberty Steel and external sources.

In January, Liberty Steel also announced plans to restart its two flat steel rerolling mills in Belgium - Flémalle and Tilleur - by mid-February.

Russian domestic flat steel prices rise on limited offers from mills

By Elina Virchenko - Wednesday 02 February

Domestic flat steel prices increased in the Central Federal District around Moscow during the seven days to Monday January 31, despite weak demand in winter, after producers offered limited volumes of hot rolled (HR) sheet and plate for February shipment, mainly due to various ongoing equipment maintenance and modernization projects.

Some stockists, who were actively building their flat steel products stocks to be ready for the start of the construction season from March, were not able to cover their requirements in HR sheet and plate in full.

"Our suppliers have provided 25-75% of our regular monthly requirements in HR sheet and plate," one large stockist said.

"NLMK (Novolipetsk Steel) and MMK (Magnitogorsk Iron & Steel Works) have limited volumes on offer [for HR sheet] due to equipment maintenance, Alchevsk [Iron & Steel Works] have limited volumes and only steel 3 grade

plate on offer," he added.

Some producers of HR sheet have already indicated that the price for March-delivery cargoes was expected to be even higher than February-shipment rates, considering the current shortage of material from the producers with export prices on the raise.

HR sheet
Fastmarkets' weekly price assessment for steel hot-rolled sheet, domestic, cpt Moscow, Russia, was 77,000-78,000 roubles ($1,000-1,013) per tonne on Monday, including a 20% value-added tax, narrowing upward by 1,000 roubles from 76,000-78,000 roubles per tonne a week earlier.

For traders, February-shipment HR sheet from Severstal was on offer at 78,000 roubles per tonne cpt, unchanged from the prior week and 2,000 roubles higher versus the January-shipment price announced in December.

For traders that have stocking agreements with Severstal, a price of 77,000 roubles per tonne cpt was available only for few days, according to one stockist. This was up by 1,000 roubles per tonne cpt compared to mill's rates for such agreement holders a week earlier. For purchasing from February 1, the new price at 78,000 rouble per tonne cpt will be applicable, according to the stockists.

NLMK's price for stocking agreement holders was at 78,000 roubles per tonne cpt.

According to the agreement, stockists receive material without payment and can buy agreed tonnages from the stocks they hold at any time during a given period, at the price in effect at that time.

Hot-rolled sheet in 4mm gauge from large traders in the secondary market was available at 80,000 roubles per tonne cpt on Monday, up by 2,000-3,000 roubles per tonne from 77,000-78,000 roubles per tonne a week earlier.

Plate
Fastmarkets' weekly price assessment for steel plate, domestic, cpt Moscow, Russia, including VAT, was at 85,000-86,000 roubles per tonne on Monday, up by 1,000-4,000 roubles from 81,000-85,000 roubles per tonne a week earlier.

Asha Steel offered February-shipment 12-50mm plate at 85,000-86,000 roubles per tonne cpt, compared to the price a week earlier at 85,000 roubles per tonne and its January-shipment price at 82,000-83,000 roubles per tonne cpt announced in December.

The offers from Alchevsk Iron & Steel Works were at 85,000 roubles per tonne, up by 7,000 roubles per tonne from 78,000 a month earlier. The producer was said to be in a position to provide discounts in case of prepayment, but no buyers were interested.

"We experienced some issues in past; we consider it is risky to deal with Alchevsk based on the prepayment terms," one stockist said.

"Alchevsk offers 10,000-15,000 tonnes of steel 3 grade quality, from 18 mm thickness for February delivery. NLMK cannot offer material above 16 mm, therefore Alchevsk is able to get its price," another stockist said.

Previously, plate from Alchevsk had been on offer with discount due to origin. The manufacturing facility is based in the Donbass region of Eastern Ukraine - which is under the control of pro-Russia rebels. From November 15, 2021, goods originating from certain areas of Donbas, which is controlled by pro-Russian rebels, were treated on equal terms with goods of Russian origin for purchase by Russian state and municipal entities.

Plate in 20mm gauge from large traders in the secondary market was available at 87,000-88,000 roubles per tonne cpt on Monday, up by 2,000 roubles from 85,000-86,000 a week earlier.

CR sheet
Fastmarkets' weekly price assessment for steel cold-rolled sheet, domestic, cpt Moscow, Russia was at 86,000 roubles per tonne on Monday, up by 1,000-3,000 roubles from 83,000-85,000 roubles per tonne a week earlier. The price increased following the upward trend in HR sheet segment. Buying interest from the local stockists was limited.

Severstal material was quoted at 86,000 roubles per tonne cpt, up by around 2,000 roubles per tonne month on month.

Non-ferrous scrap

GLE Scrap Metal acquires Tampa facility

By Lisa Gordon - Wednesday 02 February

GLE Scrap Metal Inc has widened its footprint in Florida, in the United States, with the purchase of a facility in Tampa.

The Casselberry, Florida-based ferrous and non-ferrous metal recycler has completed its acquisition of a Tampa facility owned by Jersey City, New Jersey-based Fortune Plastics & Metal Inc.

The value of the deal, which closed on Monday January 31, was not disclosed.

All staff will be retained and the facility will operate under the GLE name.

Fortune is exiting Florida to focus on other markets, according to a press release issued by GLE on February 1.

The Tampa facility represents an opportunity to expand into the largest-population metropolitan area in Florida that did not have an existing GLE facility, chief executive officer Danny Zack said in a statement.

GLE has other Florida locations in Casselberry, Holly Hill, Longwood, Ocoee and Opa Locka. The Ocoee operation is a wire processing facility.

It also has a presence in Melvindale, Sterling Heights and Warren, all in Michigan. The Sterling Heights operation focuses on electronic scrap.

Industrial minerals

Indian barite prices decline; other regions stable

By Alex Cook - Wednesday 02 February

Indian barite prices have fallen at the start of the year, with reports of offers moving lower while availability is growing.

But prices across other regions remained stable after annual agreements were signed in the run-up to the end of 2021.

Fastmarkets' price assessment of barite, API, SG 4.2, unground lump, bulk, fob Chennai was at $88-93 per tonne as at January 27. This is down from $93-97 per tonne in December and is the lowest price assessment for Chennai since April.

Freight issues have reportedly added to difficulties in securing supplies from some regions, with rising shipment rates pushing some spot offers higher.

"More parties [have started to] explore their interest in the Moroccan market as supplies out of India and China are becoming more difficult with increased freight rates," one European source said.

Fastmarkets assessed barite, API, SG 4.2, unground lump, bulk, fob Morocco at $95-97 on January 27. This price assessment has held stable since November and remains at its highest since May 2017.

Over the last few months, the price of oil has grown steadily on increased demand - barite's key usage is in the drilling sector, which means its fundamental outlook ties in heavily with oil demand.

The Baker Hughes rig count, published by the oilfield services company Baker Hughes, can highlight oil demand increases via active oil rig counts for US, Canada and International. All three are up strongly year on year for January and December.

Globally, the December count stands at 1,563 for the total number of active oil rigs, up by 42% from 2020 although down by 23% from 2019.

Fastmarkets's price assessment for barite, API, SG 4.2, unground lump, bulk, fob China was at $95-100 per tonne on January 27, unchanged for the fourth consecutive month.

Fastmarkets assessed barite, API, 1.5t big bags, ground, fob Southern Turkey at $95-105 per tonne, which is unchanged from December.

European, South African acidspar prices rise again in early 2022

By Alex Cook - Wednesday 02 February

European fluorspar prices increased for a fifth consecutive month through January while supply remained increasingly tight, compounded by rising energy costs and logistical issues.

Global consumer demand began the year strongly, according to market participants, with one producer source telling Fastmarkets, "We have had more orders than we can fulfil."

Fastmarkets' price assessment for fluorspar, acidspar, 97% CaF2, wet filtercake, cif Rotterdam at $500-520 per tonne on Thursday January 27, up by $20-50 per tonne from $450-500 per tonne a month earlier.

With freight costs persisting at high levels, the low end of the Rotterdam cif price for fluorspar is at its highest since August 2019. Delays at some ports and haulage shortages have lengthened delivery times for supply chains.

Reportedly some longer-term contract agreements were being agreed in a new formula for 2022.

"This is new and reflects the volatile and increasing cost of freight at the moment," a second producer source said.

Some agreements are reportedly being calculated with a fob price plus a freight cost calculated at time of shipment in order to potentially reduce exposure to the freight market.

China's gradual withdrawal from the fluorspar export market to an extent tightened global availability last year and has increased the bullish sentiment held for the market. China, the world's largest fluorspar producer, exported 47,358 tonnes of the material in 2021, down by 33% 70,704 tonnes in 2020.

The Chinese market had been quiet through the second half of January owing to the Lunar New Year, reportedly seeing little demand from internal consumers even after reducing prices to try to boost sales.

"It's seems to be a seller's market this year for acidspar, with China's exports at minimum levels, and a very strong 2021 for consumption," a European consumer said.

Last month fluorspar prices in the South African port of Durban increased to their highest point since December 2019 as long-term contract negotiations concluded. Fastmarkets' price assessment for fluorspar, acidspar, 97% CaF2, wet filtercake, fob Durban was at $400-450 per tonne on January 27, up by $60-70 per tonne from $340-380 per tonne a month prior.

Fluorspar acidspar and metspar prices for Tampico, Mexico were stable in January. Fastmarkets' price assessment for fluorspar acidspar, 97% CaF2, wet filtercake, fob Tampico was at $320-350 per tonne on January 27, unchanged from the prior month. Fastmarkets' price assessment for fluorspar metspar, min 85% CaF2, fob Tampico was similarly unchanged on the month at $280-300 per tonne on January 27.

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	02 Feb 2022	34.3 - 34.75	0.00%	Jan 2022	34.01 - 34.46
MB-CO-0004	Cobalt alloy grade, in-whs Rotterdam, $/lb	02 Feb 2022	34.3 - 34.75	0.00%	Jan 2022	34.01 - 34.48
MB-CO-0001	Cobalt 99.8% Co min, ex-works China, yuan/tonne	02 Feb 2022	500000 - 515000	0.00%	Jan 2022	498375 - 512375
MB-CO-0017	Cobalt sulfate 20.5% Co basis, exw China, yuan/tonne	02 Feb 2022	106000 - 107000	0.00%	Jan 2022	104187.5 - 105187.5
MB-CO-0012	Cobalt tetroxide 72.6% Co min, delivered China, yuan/tonne	02 Feb 2022	405000 - 410000	0.00%	Jan 2022	399375 - 406250
MB-CO-0020	Cobalt hydroxide index 30% Co min, cif China, $/lb	28 Jan 2022	29.8	0.17%	Jan 2022	29.64
MB-CO-0021	Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	02 Feb 2022	88 - 90	0.00%	Jan 2022	88 - 90
MB-CO-0023	Cobalt hydroxide, min 30% Co, inferred, China, $/lb	02 Feb 2022	30.53	0.00%	Jan 2022	30.29

Europe minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0004	Cobalt alloy grade, in-whs Rotterdam, $/lb	02 Feb 2022	34.3 - 34.75	0.00%	Jan 2022	34.01 - 34.48
MB-CO-0005	Cobalt standard grade, in-whs Rotterdam, $/lb	02 Feb 2022	34.3 - 34.75	0.00%	Jan 2022	34.01 - 34.46
MB-AS-0001	Arsenic 99% min As, in-whs Rotterdam, $/lb	28 Jan 2022	1.4 - 1.7	0.00%	Jan 2022	1.4 - 1.7
MB-SB-0002	Antimony MMTA standard grade II, in-whs Rotterdam, $/tonne	02 Feb 2022	13000 - 13600	0.00%	Jan 2022	13050 - 13600
MB-SB-0001	Antimony max 100 ppm Bi, in-whs Rotterdam, $/tonne	02 Feb 2022	12950 - 13600	-0.56%	Jan 2022	13112.5 - 13600
MB-BI-0001	Bismuth 99.99% Bi min, in-whs Rotterdam, $/lb	02 Feb 2022	3.9 - 4	1.28%	Jan 2022	3.87 - 4.13
MB-CR-0001	Chromium alumino-thermic 99% min, in-whs Rotterdam, $/tonne	28 Jan 2022	11630 - 12600	-1.10%	Jan 2022	11682.5 - 12900
MB-GA-0001	Gallium 99.99% Ga min, in-whs Rotterdam, $/kg	02 Feb 2022	390 - 415	0.00%	Jan 2022	390 - 415
MB-GER-0003	Germanium 99.99% Ge, in-whs Rotterdam, $/kg	02 Feb 2022	1220 - 1480	0.00%	Jan 2022	1383.75 - 1480
MB-IN-0002	Indium 99.99%, in-whs Rotterdam, $/kg	02 Feb 2022	250 - 290	0.00%	Jan 2022	252.38 - 287.5
MB-MG-0001	Magnesium 99.9%, in-whs Rotterdam, $/tonne	28 Jan 2022	8550 - 9100	0.00%	Jan 2022	8550 - 9075
MB-MN-0001	Manganese 99.7% electrolytic manganese flake, in-whs Rotterdam, $/tonne	02 Feb 2022	7000 - 7300	0.00%	Jan 2022	7087.5 - 7375
MB-RE-0001	Rhenium APR catalytic grade, in-whs dup Rotterdam, $/kg	28 Jan 2022	995 - 1100	0.00%	Jan 2022	995 - 1100
MB-RE-0002	Rhenium metal pellets 99.9% Re min, in-whs dup, Rotterdam $/lb	28 Jan 2022	360 - 600	0.00%	Jan 2022	360 - 600
MB-SE-0002	Selenium 99.5% Se min, in-whs Rotterdam, $/lb	02 Feb 2022	9.5 - 11	-0.97%	Jan 2022	9.7 - 11.03
MB-SI-0004	Silicon grade 5-5-3 98.5% Si min, in-whs Rotterdam, €/tonne	28 Jan 2022	3800 - 5300	-13.33%	Jan 2022	4275 - 5675
MB-SI-0001	Silicon grade 4-4-1 99% Si min, in-whs Rotterdam, €/tonne	28 Jan 2022	4480 - 5580	-16.17%	Jan 2022	5120 - 6270
MB-TE-0001	Tellurium 99.9-99.99% Te min, in-whs Rotterdam, $/kg	02 Feb 2022	60 - 75	0.00%	Jan 2022	60 - 75

China minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0001	Cobalt 99.8% Co min, ex-works China, yuan/tonne	02 Feb 2022	500000 - 515000	0.00%	Jan 2022	498375 - 512375
MB-CO-0021	Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	02 Feb 2022	88 - 90	0.00%	Jan 2022	88 - 90
MB-CO-0020	Cobalt hydroxide index 30% Co min, cif China, $/lb	28 Jan 2022	29.8	0.17%	Jan 2022	29.64
MB-CO-0023	Cobalt hydroxide, min 30% Co, inferred, China, $/lb	02 Feb 2022	30.53	0.00%	Jan 2022	30.29
MB-CO-0017	Cobalt sulfate 20.5% Co basis, exw China, yuan/tonne	02 Feb 2022	106000 - 107000	0.00%	Jan 2022	104187.5 - 105187.5
MB-CO-0012	Cobalt tetroxide 72.6% Co min, delivered China, yuan/tonne	02 Feb 2022	405000 - 410000	0.00%	Jan 2022	399375 - 406250
MB-SB-0003	Antimony MMTA standard grade II, ddp China, yuan/tonne	28 Jan 2022	73500 - 74500	0.00%	Jan 2022	73250 - 74250
MB-BI-0002	Bismuth 99.99% Bi min, in-whs China, yuan/tonne	28 Jan 2022	43000 - 44000	0.00%	Jan 2022	43250 - 44250
MB-GA-0002	Gallium 99.99% Ga min, in-whs China, yuan/kg	28 Jan 2022	2280 - 2300	0.00%	Jan 2022	2285 - 2312.5
MB-GER-0004	Germanium 99.999% Ge min, in-whs China, yuan/kg	28 Jan 2022	9000 - 9300	0.00%	Jan 2022	9100 - 9375
MB-GER-0001	Germanium dioxide, in-whs China, $/kg	02 Feb 2022	925 - 950	0.00%	Jan 2022	921.88 - 953.13
MB-IN-0003	Indium 99.99%, exw China, yuan/kg	28 Jan 2022	1430 - 1470	0.00%	Jan 2022	1442.5 - 1477.5
MB-MG-0002	Magnesium 99.9% Mg min, fob China main ports, $/tonne	28 Jan 2022	7300 - 7400	0.00%	Jan 2022	7525 - 7650
MB-MG-0003	Magnesium 99.9%, exw China, yuan/tonne	28 Jan 2022	44000 - 45000	0.00%	Jan 2022	44750 - 46500
MB-MN-0007	Manganese 99.7% electrolytic manganese flake, fob China, $/tonne	28 Jan 2022	6300 - 6500	0.00%	Jan 2022	6400 - 6600
MB-SI-0002	Silicon export 98.5% Si min, fob China, $/tonne	28 Jan 2022	3050 - 3200	0.00%	Jan 2022	3050 - 3200
MB-SE-0003	Selenium 99.9% Se min, in-whs China, yuan/kg	28 Jan 2022	130 - 170	0.00%	Jan 2022	130 - 170
MB-TE-0002	Tellurium 99.99% Te min, in-whs China, yuan/kg	28 Jan 2022	450 - 460	0.00%	Jan 2022	450 - 460
MB-TA-0001	Tantalite, basis 25% min Ta2O5, cif China, $ per lb Ta2O5	28 Jan 2022	85 - 88	2.37%	Jan 2022	83 - 85.25

US minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CR-0002	Chromium alumino-thermic 99% min ex-US warehouse $/lb	27 Jan 2022	5.5 - 5.8	0.00%	Jan 2022	5.18 - 5.4
MB-SI-0003	Silicon, ddp US, US cents/lb	27 Jan 2022	450 - 500	0.00%	Jan 2022	456.25 - 500
MB-TI-0007	Titanium plate commercially pure, fob shipping point US, $/lb	10 Jan 2022	11 - 13	0.00%	Jan 2022	11 - 13
MB-TI-0006	Titanium bar alloy AMS 4928, fob shipping point US, $/lb	10 Jan 2022	24 - 25	0.00%	Jan 2022	24 - 25
MB-TI-0004	Titanium ingot 6Al-4V, fob shipping point US, $/lb	10 Jan 2022	8 - 8.5	0.00%	Jan 2022	8 - 8.5
MB-TI-0008	Titanium sheet commercially pure, fob shipping point US, $/lb	10 Jan 2022	13 - 15	0.00%	Jan 2022	13 - 15
MB-TI-0005	Titanium plate alloy AMS 4911, fob shipping point US, $/lb	10 Jan 2022	27 - 28	0.00%	Jan 2022	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	02 Feb 2022	125 - 140	0.00%	Jan 2022	125 - 140
MB-CD-0002	Cadmium 99.99% min, cif global ports, cents/lb	02 Feb 2022	130 - 145	0.00%	Jan 2022	130 - 142.5
MB-HF-0001	Hafnium, max 1% Zr, in-whs global locations, $/kg	28 Jan 2022	900 - 1100	0.00%	Jan 2022	900 - 1100

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	01 Feb 2022	150 - 170	0.00%	Jan 2022	158.13 - 178.13
MB-AL-0001	Aluminium P1020A (MJP) quarterly premium, cif Japan, $/tonne	07 Jan 2022	177	-18.62%	Jan 2022	177
MB-AL-0344	Aluminium P1020A premium, cif South Korea, $/tonne	01 Feb 2022	170 - 180	0.00%	Jan 2022	167.5 - 177.5
MB-AL-0307	Aluminium P1020A premium, fca South Korea, $/tonne	01 Feb 2022	185 - 195	0.00%	Jan 2022	177.5 - 187.5
MB-AL-0329	Aluminium P1020A premium, cif Taiwan, $/tonne	25 Jan 2022	160 - 185	-4.17%	Jan 2022	160 - 192.5
MB-AL-0328	Aluminium P1020A premium, bonded in-whs, Shanghai, $/tonne	25 Jan 2022	60 - 90	15.38%	Jan 2022	60 - 90
MB-AL-0345	Aluminium P1020A premium, cif Shanghai, $/tonne	25 Jan 2022	60 - 80	16.67%	Jan 2022	60 - 80
MB-AL-0346	Aluminium P1020A premium, in-whs dup Rotterdam, $/tonne	02 Feb 2022	360 - 370	0.00%	Jan 2022	337.25 - 352.5
MB-AL-0004	Aluminium P1020A premium, in-whs dp Rotterdam, $/tonne	01 Feb 2022	445 - 475	0.00%	Jan 2022	431.25 - 461.25
MB-AL-0316	Aluminium P1020A premium, fca dp Italy, $/tonne	01 Feb 2022	510 - 540	0.96%	Jan 2022	480 - 502.5
MB-AL-0319	Aluminium P1020A premium, fca dp Spain, $/tonne	25 Jan 2022	490 - 500	0.00%	Jan 2022	490 - 500
MB-AL-0021	Aluminium P1020A premium, delivered Sao Paulo region, $/tonne	25 Jan 2022	400 - 450	0.00%	Jan 2022	400 - 450
MB-AL-0022	Aluminium P1020A premium, cif dup Brazilian main ports, $/tonne	25 Jan 2022	420 - 450	10.13%	Jan 2022	400 - 430
MB-AL-0020	Aluminium P1020A premium, ddp Midwest US, US cents/lb	01 Feb 2022	34 - 35	0.00%	Jan 2022	31.56 - 33.63
MB-AL-0231	Aluminum P1020A all-in price, delivered Midwest US, US cents/lb	02 Feb 2022	169.22 - 170.22	-2.07%	Jan 2022	167.38 - 169.42
MB-AL-0337	Aluminium P1020A premium, cif dup Turkey, $/tonne	25 Jan 2022	350 - 360	2.90%	Jan 2022	345 - 355
MB-AL-0381	Aluminium low-carbon differential P1020A, Europe, $/tonne	07 Jan 2022	0 - 10	0.00%	Jan 2022	0 - 10
MB-AL-0378	Aluminium P1020A premium, in-whs dp Rotterdam, inferred low-carbon midpoint, $/tonne	01 Feb 2022	465	0.00%	Jan 2022	451.25
MB-AL-0377	Aluminium P1020A premium, in-whs dup Rotterdam, inferred low-carbon midpoint, $/tonne	02 Feb 2022	370	0.00%	Jan 2022	349.88
MB-AL-0333	Aluminium P1020A warrant premium, in-whs Southeast Asia, $/tonne	02 Feb 2022	55 - 65	-11.11%	Jan 2022	51.25 - 75
MB-AL-0334	Aluminium P1020A, warrant premium, in-whs East Asia, $/tonne	02 Feb 2022	55 - 65	-14.29%	Jan 2022	50 - 72.5
MB-AL-0338	Aluminium P1020A warrant premium, in-whs US, $/tonne	02 Feb 2022	115 - 125	0.00%	Jan 2022	115 - 125
MB-AL-0297	Aluminium 6063 extrusion billet premium, cif Thailand, $/tonne	14 Jan 2022	465 - 500	1.58%	Jan 2022	465 - 500
MB-AL-0298	Aluminium 6063 extrusion quarterly billet premium, cif MJP, $/tonne	24 Jan 2022	200 - 300	31.58%	Jan 2022	200 - 300
MB-AL-0302	Aluminium 6063 extrusion billet premium, ddp North Germany (Ruhr region), $/tonne	28 Jan 2022	1500 - 1550	0.00%	Jan 2022	1497.5 - 1550
MB-AL-0300	Aluminium 6063 extrusion billet premium, ddp Italy (Brescia region), $/tonne	28 Jan 2022	1500 - 1550	0.00%	Jan 2022	1497.5 - 1550
MB-AL-0299	Aluminium 6063 extrusion billet premium, ddp Spain, $/tonne	28 Jan 2022	1500 - 1550	0.00%	Jan 2022	1500 - 1550
MB-AL-0002	Aluminium 6063 extrusion billet premium, in-whs dp Rotterdam, $/tonne	28 Jan 2022	1460 - 1510	0.00%	Jan 2022	1457.5 - 1510
MB-AL-0296	Aluminium 6063 extrusion billet premium, cif Turkey (Marmara region), $/tonne	28 Jan 2022	700 - 750	0.00%	Jan 2022	700 - 750
MB-AL-0052	Aluminum 6063 extrusion billet premium, delivered Midwest US, US cents/lb	28 Jan 2022	27 - 34	0.00%	Jan 2022	27 - 34

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0287	Aluminium 6063 & 6060 extrusion billet premium, cif Brazilian main ports, $/tonne	28 Jan 2022	700 - 720	0.00%	Jan 2022	700 - 720
MB-AL-0382	Aluminium low-carbon differential value-added product, Europe, $/tonne	07 Jan 2022	20 - 30	0.00%	Jan 2022	20 - 30
MB-AL-0379	Aluminium 6063 extrusion billet premium, ddp Italy (Brescia region), inferred low-carbon midpoint, $/tonne	28 Jan 2022	1550	0.00%	Jan 2022	1548.75
MB-AL-0380	Aluminium 6063 extrusion billet premium, ddp North Germany (Ruhr region), inferred low-carbon midpoint, $/tonne	28 Jan 2022	1550	0.00%	Jan 2022	1548.75
MB-AL-0341	Aluminium primary foundry alloy silicon 7 ingot premium, cif dup over P1020A Turkey, $/tonne	14 Jan 2022	500 - 600	0.00%	Jan 2022	500 - 600
MB-AL-0349	Aluminium primary foundry alloy silicon 7 ingot annual premium, cif MJP, $/tonne	20 Jan 2022	120 - 150	22.73%	Jan 2022	120 - 150
MB-AL-0348	Aluminium primary foundry alloy silicon 7 ingot annual premium, cif main South Korean ports, $/tonne	20 Jan 2022	120 - 150	28.57%	Jan 2022	120 - 150
MB-AL-0342	Aluminium primary foundry alloy silicon 7 ingot /T-bar premium, dlvd dup over P1020A Midwest US, US cents/lb	14 Jan 2022	17 - 22	62.50%	Jan 2022	17 - 22
MB-AL-0340	Aluminium primary foundry alloy silicon 7 ingot premium, ddp Eastern Europe, $/tonne	14 Jan 2022	850 - 900	9.38%	Jan 2022	850 - 900
MB-AL-0339	Aluminium primary foundry alloy silicon 7 ingot premium, ddp Germany, $/tonne	14 Jan 2022	850 - 900	9.38%	Jan 2022	850 - 900
MB-AL-0045	Aluminum 6061 alloyed ingot, US cents/lb	01 Feb 2022	1.89 - 1.97	13.53%	Jan 2022	1.67 - 1.73
MB-AL-0046	Aluminum 6063 alloyed ingot, US cents/lb	01 Feb 2022	1.97 - 2.05	12.92%	Jan 2022	1.75 - 1.81
MB-AL-0277	Aluminum alloy C355.2 ingot, delivered, $/lb	02 Feb 2022	2.18	-0.46%	Jan 2022	2.11
MB-AL-0289	Aluminium import arbitrage, $/tonne	28 Jan 2022	(125.96)		Jan 2022	(135.97)
MB-AL-0290	Aluminium import arbitrage, yuan/tonne	28 Jan 2022	(802.59)		Jan 2022	(865.07)
MB-AL-0256	Aluminium fixing price for LME trade, rand/tonne	02 Feb 2022	46465.7	-1.58%	Jan 2022	46527.41

Metallurgical bauxite & alumina prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ALU-0010	Alumina index inferred, fob Brazil, $/dmt	02 Feb 2022	385.47	0.10%	Jan 2022	362.76
MB-ALU-0003	Alumina index adjustment to fob Australia index, Brazil, $/dmt	27 Jan 2022	10.08	-0.98%	Jan 2022	10.13
MB-ALU-0002	Alumina index, fob Australia, $/tonne	02 Feb 2022	375.39	0.10%	Jan 2022	351.67
MB-ALU-0001	Alumina metallurgical grade, exw China, yuan/tonne	27 Jan 2022	3050 - 3150	1.64%	Jan 2022	2850 - 3012.5
MB-BX-0015	Bauxite, fob Trombetas, Brazil, $/dmt	20 Jan 2022	32	0.00%	Jan 2022	32
MB-BX-0014	Bauxite, fob Kamsar, Guinea, $/dmt	20 Jan 2022	27	0.00%	Jan 2022	27

Copper prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0412	Copper EQ cathode premium, cif Shanghai, $/tonne	25 Jan 2022	(30) - (20)		Jan 2022	(22.5) - (10)
MB-CU-0411	Copper EQ cathode premium, cif Europe, $/tonne	25 Jan 2022	20 - 30	0.00%	Jan 2022	20 - 30
MB-CU-0369	Copper grade A cathode premium, cif Rotterdam, $/tonne	25 Jan 2022	50 - 60	0.00%	Jan 2022	50 - 60
MB-CU-0372	Copper grade A cathode premium, delivered Germany, $/tonne	25 Jan 2022	100 - 130	-4.17%	Jan 2022	105 - 130
MB-CU-0406	Copper grade A cathode premium, cif Leghorn, $/tonne	25 Jan 2022	90 - 95	2.78%	Jan 2022	87.5 - 95

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0380	Copper grade A cathode ER premium, cif Shanghai, $/tonne	02 Feb 2022	58 - 68	0.00%	Jan 2022	65 - 73.7
MB-CU-0383	Copper grade A cathode ER premium, bonded in-whs Shanghai, $/tonne	02 Feb 2022	62 - 72	0.00%	Jan 2022	68.4 - 77
MB-CU-0403	Copper grade A cathode premium, cif Shanghai, $/tonne	02 Feb 2022	45 - 68	0.00%	Jan 2022	53.95 - 73.7
MB-CU-0405	Copper grade A cathode premium, in-whs Shanghai, $/tonne	02 Feb 2022	50 - 72	0.00%	Jan 2022	58.2 - 77
MB-CU-0384	Copper grade A cathode SX-EW premium, cif Shanghai, $/tonne	02 Feb 2022	45 - 55	0.00%	Jan 2022	53.95 - 62.55
MB-CU-0382	Copper grade A cathode SX-EW premium, bonded in-whs Shanghai, $/tonne	02 Feb 2022	50 - 60	0.00%	Jan 2022	58.2 - 67.1
MB-CU-0399	Copper grade A cathode premium, cif Southeast Asia, $/tonne	01 Feb 2022	85 - 95	0.00%	Jan 2022	81.25 - 91.25
MB-CU-0386	Copper grade A cathode premium, cif Taiwan, $/tonne	25 Jan 2022	85 - 95	9.09%	Jan 2022	80 - 92.5
MB-CU-0404	Copper grade A cathode premium, cif South Korea, $/tonne	25 Jan 2022	75 - 85	0.00%	Jan 2022	75 - 85
MB-CU-0310	Copper grade 1 cathode premium, ddp Midwest US, $/tonne	01 Feb 2022	176.37 - 220.46	0.00%	Jan 2022	
MB-CU-0002	Copper grade 1 cathode premium, ddp Midwest US, US cents/lb	01 Feb 2022	8 - 10	0.00%	Jan 2022	8 - 10
MB-CU-0309	Copper grade 1 cathode all-in price, ddp Midwest US, US cents/lb	02 Feb 2022	457.1 - 459.1	1.37%	Jan 2022	451.5 - 453.5
MB-CU-0400	Copper grade A cathode warrant premium, in-whs North Europe, $/tonne	02 Feb 2022	10 - 20	0.00%	Jan 2022	6.25 - 12.5
MB-CU-0401	Copper grade A cathode warrant premium, in-whs South Europe, $/tonne	02 Feb 2022	15 - 25	0.00%	Jan 2022	15 - 25
MB-CU-0397	Copper grade A cathode warrant premium, in-whs Southeast Asia, $/tonne	02 Feb 2022	50 - 65	21.05%	Jan 2022	25 - 48.75
MB-CU-0398	Copper grade A cathode warrant premium, in-whs East Asia $/tonne	02 Feb 2022	10 - 20	0.00%	Jan 2022	10 - 20
MB-CU-0377	Copper grade A cathode warrant premium, in-whs US, $/tonne	02 Feb 2022	10 - 25	0.00%	Jan 2022	10 - 25
MB-CU-0336	Copper Aurubis grade A cathode annual premium, exw Europe, $/tonne	16 Jan 2019	96	11.63%	Jan 2022	
MB-CU-0410	Copper rod premium, ddp Midwest US, US cents/lb	06 Jan 2022	21 - 23	0.00%	Jan 2022	21 - 23
MB-CU-0361	Copper import arbitrage, $/tonne	28 Jan 2022	(98.22)		Jan 2022	(62.49)
MB-CU-0362	Copper import arbitrage, yuan/tonne	28 Jan 2022	(625.82)		Jan 2022	(397.72)
MB-CU-0338	Copper fixing price for LME trade, rand/tonne	02 Feb 2022	150864.64	1.19%	Jan 2022	151491.08
MB-CU-0321	Copper Republican copper price for Palabora 7.90mm South Africa Rand per tonne	01 Feb 2022	151290.04	-0.27%	Jan 2022	

Copper concentrate & copper blister prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0287	Copper concentrates TC index, cif Asia Pacific, $/tonne	28 Jan 2022	58.5	2.45%	Jan 2022	58.58
MB-CU-0288	Copper concentrates RC index, cif Asia Pacific, US cents/lb	28 Jan 2022	5.85	2.45%	Jan 2022	5.86
MB-CU-0422	Copper concentrates counterparty spread, $/tonne	01 Feb 2022	8.13	-15.14%	Jan 2022	9.58
MB-CU-0423	Copper Concentrates Co-VIU, $/tonne	01 Feb 2022	(0.17)		Jan 2022	(0.45)
MB-CU-0508	Copper concentrates TC implied smelters purchase, cif Asia Pacific, $/tonne	28 Jan 2022	63.29	2.26%	Jan 2022	63.37
MB-CU-0510	Copper concentrates RC implied smelters purchase, cif Asia Pacific, cents/lb	28 Jan 2022	6.33	2.26%	Jan 2022	6.34
MB-CU-0509	Copper concentrates TC implied traders purchase, cif Asia Pacific, $/tonne	28 Jan 2022	53.71	2.68%	Jan 2022	53.79
MB-CU-0511	Copper concentrates RC implied traders purchase, cif Asia Pacific, cents/lb	28 Jan 2022	5.37	2.68%	Jan 2022	5.38

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0408	Copper blister 98-99% RC spot, cif China, $/tonne	31 Jan 2022	150 - 170	0.00%	Jan 2022	150 - 170
MB-CU-0409	Copper blister 98-99% RC annual benchmark, cif China, $/tonne	31 Dec 2021	145 - 165	6.90%	Jan 2022	145 - 165

Nickel prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0241	Nickel briquette premium, delivered Midwest US, US cents/lb	01 Feb 2022	75 - 100	6.06%	Jan 2022	67.5 - 90
MB-NI-0242	Nickel 4x4 cathode all-in price, delivered Midwest US, US cents/lb	02 Feb 2022	1115.09 - 1125.09	0.33%	Jan 2022	1067.16 - 1077.16
MB-NI-0243	Nickel briquette all-in price, delivered Midwest US, US cents/lb	02 Feb 2022	1135.09 - 1160.09	0.32%	Jan 2022	1079.54 - 1102.16
MB-NI-0240	Nickel 4x4 cathode premium, delivered Midwest US, US cents/lb	01 Feb 2022	55 - 65	0.00%	Jan 2022	55 - 65
MB-NI-0245	Nickel min 99.8% briquette premium, cif Shanghai, $/tonne	25 Jan 2022	400 - 500	0.00%	Jan 2022	400 - 500
MB-NI-0142	Nickel min 99.8% full plate premium, cif Shanghai, $/tonne	01 Feb 2022	350 - 380	2.82%	Jan 2022	325 - 350
MB-NI-0143	Nickel min 99.8% full plate premium, in-whs Shanghai, $/tonne	01 Feb 2022	360 - 380	0.00%	Jan 2022	345 - 370
MB-NI-0001	Nickel 4x4 cathode premium, in-whs Rotterdam, $/tonne	01 Feb 2022	270 - 340	19.61%	Jan 2022	220 - 290
MB-NI-0002	Nickel briquette premium, in-whs Rotterdam, $/tonne	01 Feb 2022	200 - 250	28.57%	Jan 2022	150 - 185
MB-NI-0003	Nickel uncut cathode premium, in-whs Rotterdam, $/tonne	01 Feb 2022	90 - 110	25.00%	Jan 2022	70 - 90
MB-NI-0139	Nickel min 99.8% full plate warrant premium, in-whs East Asia, $/tonne	02 Feb 2022	30 - 45	0.00%	Jan 2022	30 - 45
MB-NI-0137	Nickel min 99.8% full plate warrant premium, in-whs Southeast Asia, $/tonne	02 Feb 2022	30 - 45	0.00%	Jan 2022	30 - 45
MB-NI-0140	Nickel min 99.8% briquette warrant premium, in-whs East Asia, $/tonne	02 Feb 2022	50 - 60	0.00%	Jan 2022	50 - 60
MB-NI-0138	Nickel min 99.8% briquette warrant premium, in-whs Southeast Asia, $/tonne	02 Feb 2022	50 - 60	0.00%	Jan 2022	50 - 60
MB-NI-0141	Nickel min 99.8% warrant premium, in-whs North Europe, $/tonne	02 Feb 2022	50 - 200	0.00%	Jan 2022	50 - 181.25
MB-NI-0244	Nickel sulfate min 21%, max 22.5%; cobalt 10ppm max, exw China, yuan/tonne	28 Jan 2022	38000 - 39000	1.32%	Jan 2022	36625 - 37625
MB-NI-0246	Nickel sulfate, cif China, Japan and Korea, $/tonne	01 Feb 2022	5379	9.82%	Jan 2022	4898
MB-NI-0247	Nickel sulfate premium, cif China, Japan and Korea, $/tonne	01 Feb 2022	1800	-5.26%	Jan 2022	1900
MB-NI-0107	Nickel import arbitrage, yuan/tonne	28 Jan 2022	4114.44	40.12%	Jan 2022	3678.62
MB-NI-0106	Nickel import arbitrage, $/tonne	28 Jan 2022	645.72	39.84%	Jan 2022	577.54
MB-NI-0093	Nickel fixing price for LME trade, rand/tonne	02 Feb 2022	357310.98	-0.22%	Jan 2022	345794.36

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	28 Jan 2022	115 - 118	0.00%	Jan 2022	115 - 118
MB-NIO-0002	Laterite ore with 1.5% Ni content, cif China, $/tonne	28 Jan 2022	81 - 83	0.00%	Jan 2022	81 - 83

Lead prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0108	Lead 99.99% ingot premium, cif Southeast Asia, $/tonne	01 Feb 2022	125 - 145	0.00%	Jan 2022	125 - 145
MB-PB-0107	Lead 99.97% ingot premium, cif Southeast Asia, $/tonne	01 Feb 2022	80 - 110	0.00%	Jan 2022	80 - 110
MB-PB-0084	Lead 99.97% ingot premium, cif Taiwan, $/tonne	25 Jan 2022	100 - 120	0.00%	Jan 2022	100 - 120
MB-PB-0083	Lead 99.99% ingot premium, cif Taiwan, $/tonne	25 Jan 2022	140 - 150	0.00%	Jan 2022	140 - 150
MB-PB-0087	Lead 99.97% ingot premium, cif India, $/tonne	01 Feb 2022	50 - 130	0.00%	Jan 2022	50 - 130
MB-PB-0086	Lead 99.99% ingot premium, cif India, $/tonne	01 Feb 2022	140 - 150	0.00%	Jan 2022	140 - 150
MB-PB-0099	Lead 99.99% ingot premium, delivered Midwest US, US cents/lb	01 Feb 2022	19 - 22	0.00%	Jan 2022	19 - 22
MB-PB-0006	Lead 99.97% ingot premium, ddp Midwest US, US cents/lb	01 Feb 2022	18 - 20	0.00%	Jan 2022	17.5 - 20
MB-PB-0056	Lead 99.97% ingot all-in price, ddp Midwest US, US cents/lb	02 Feb 2022	119.81 - 121.81	-0.16%	Jan 2022	123.75 - 126.23
MB-PB-0109	Lead 99.97% ingot warrant premium, in-whs North Europe, $/tonne	02 Feb 2022	30 - 50	0.00%	Jan 2022	30 - 50
MB-PB-0110	Lead 99.97% ingot warrant premium, in-whs South Europe, $/tonne	02 Feb 2022	30 - 50	0.00%	Jan 2022	30 - 50
MB-PB-0106	Lead min 99.97% ingot warrant premium, in-whs East Asia $/tonne	02 Feb 2022	5 - 20	0.00%	Jan 2022	5 - 20
MB-PB-0105	Lead min 99.97% ingot warrant premium, in-whs Southeast Asia $/tonne	02 Feb 2022	5 - 20	0.00%	Jan 2022	5 - 20
MB-PB-0097	Lead 99.97% ingot warrant premium, in-whs US, $/tonne	02 Feb 2022	20 - 30	0.00%	Jan 2022	20 - 30
MB-PB-0064	Lead fixing price for LME trade, rand/tonne	02 Feb 2022	34311.02	-0.77%	Jan 2022	36303.38

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%	Jan 2022	98
MB-PB-0100	Lead concentrate TC, low silver, annual benchmark, $/tonne	15 Mar 2018	99	-28.26%	Jan 2022	99
MB-PB-0103	Lead spot concentrate TC, low silver, cif China, $/tonne	28 Jan 2022	85 - 95	38.46%	Jan 2022	85 - 95
MB-PB-0104	Lead spot concentrate TC, high silver, cif China, $/tonne	28 Jan 2022	60 - 75	12.50%	Jan 2022	60 - 75

Tin prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SN-0029	Tin 99.9% low lead ingot premium, in-whs Rotterdam, $/tonne	25 Jan 2022	1500 - 1800	-5.71%	Jan 2022	1500 - 1900
MB-SN-0002	Tin 99.9% ingot premium, in-whs Rotterdam, $ per tonne	25 Jan 2022	1000 - 1300	-4.17%	Jan 2022	1000 - 1350
MB-SN-0036	Tin 99.85% ingot premium, in-whs Baltimore, $/tonne	25 Jan 2022	1900 - 2200	0.00%	Jan 2022	1900 - 2200
MB-SN-0038	Tin 99.9% ingot premium, cif Taiwan, $/tonne	25 Jan 2022	350 - 500	0.00%	Jan 2022	350 - 500
MB-SN-0012	Tin grade A min 99.85% ingot all-in price, ddp Midwest US, $/tonne	02 Feb 2022	45845 - 46245	0.34%	Jan 2022	43881.43 - 44281.43
MB-SN-0011	Tin grade A min 99.85% ingot premium, ddp Midwest US, $/tonne	25 Jan 2022	2100 - 2500	0.00%	Jan 2022	2100 - 2500
MB-SN-0042	Tin min 99.85% ingot warrant premium, in-whs South East Asia, $/tonne	02 Feb 2022	50 - 100	0.00%	Jan 2022	50 - 125
MB-SN-0005	Tin rand fixing price for LME trade, rand/tonne	02 Feb 2022	668049.38	2.16%	Jan 2022	647670.14

Zinc prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0115	Zinc SHG 99.995% ingot premium, fca Malaysia, $/per tonne	25 Jan 2022	120 - 140	-10.34%	Jan 2022	130 - 145
MB-ZN-0113	Zinc SHG 99.995% ingot premium, fca Singapore, $/per tonne	25 Jan 2022	120 - 140	-10.34%	Jan 2022	130 - 145
MB-ZN-0093	Zinc SHG min 99.995% ingot premium, cif Southeast Asia, $/tonne	25 Jan 2022	140 - 150	-4.92%	Jan 2022	142.5 - 155
MB-ZN-0116	Zinc SHG 99.995% ingot premium, cif Taiwan $/tonne	25 Jan 2022	160 - 165	4.84%	Jan 2022	155 - 162.5
MB-ZN-0119	Zinc min 99.995% ingot premium, in-whs Shanghai, $/tonne	01 Feb 2022	80 - 90	0.00%	Jan 2022	80 - 90
MB-ZN-0106	Zinc SHG min 99.995% ingot premium, cif Shanghai, $/per tonne	01 Feb 2022	80 - 90	0.00%	Jan 2022	80 - 90
MB-ZN-0102	Zinc SHG min 99.995% ingot premium, ddp Italy, $/per tonne	25 Jan 2022	380 - 420	0.00%	Jan 2022	380 - 420
MB-ZN-0103	Zinc SHG min 99.995% ingot premium, fca dp Italy, $/tonne	25 Jan 2022	350 - 380	0.00%	Jan 2022	350 - 380
MB-ZN-0099	Zinc SHG min 99.995% ingot premium, dp fca Antwerp, $/tonne	01 Feb 2022	350 - 400	7.14%	Jan 2022	307.5 - 352.5
MB-ZN-0001	Zinc SHG min 99.995% ingot premium, dp fca Rotterdam, $/tonne	01 Feb 2022	350 - 400	7.14%	Jan 2022	307.5 - 352.5
MB-ZN-0082	Zinc SHG min 99.995% ingot premium monthly average, delivered UK, £/tonne	01 Feb 2022	2916	3.33%	Jan 2022	2822
MB-ZN-0005	Zinc SHG min 99.995% ingot premium, ddp Midwest US, US cents/lb	01 Feb 2022	20 - 24	0.00%	Jan 2022	17.75 - 22
MB-ZN-0061	Zinc SHG min 99.995% ingot all-in price, ddp Midwest US, US cents/lb	02 Feb 2022	185.44 - 189.44	0.33%	Jan 2022	181.65 - 185.93
MB-ZN-0104	Zinc SHG min 99.995% warrant premium, in-whs US, $/per tonne	02 Feb 2022	10 - 15	0.00%	Jan 2022	10 - 15
MB-ZN-0117	Zinc SHG min 99.995% warrant premium, in-whs North Europe, $/tonne	02 Feb 2022	80 - 100	0.00%	Jan 2022	80 - 100
MB-ZN-0123	Zinc SHG min 99.995% warrant premium, in-whs Southeast Asia, $/tonne	02 Feb 2022	10 - 20	0.00%	Jan 2022	10 - 25
MB-ZN-0083	Zinc import arbitrage, $/tonne	28 Jan 2022	(277.64)		Jan 2022	(303.03)
MB-ZN-0084	Zinc import arbitrage, yuan/tonne	28 Jan 2022	(1769.12)		Jan 2022	(1929.85)
MB-ZN-0072	Zinc rand fixing price for LME trade, rand/tonne	02 Feb 2022	55734.41	-0.23%	Jan 2022	55946.49

Zinc concentrate & zinc alloy prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0121	Zinc concentrate TC spot, delivered South China, yuan/tonne	28 Jan 2022	3650 - 3950	0.00%	Jan 2022	3650 - 3950
MB-ZN-0120	Zinc concentrate TC spot, delivered North China, yuan/tonne	28 Jan 2022	3800 - 4100	-1.86%	Jan 2022	3800 - 4100
MB-ZN-0110	Zinc spot concentrate TC, cif China, $/per tonne	28 Jan 2022	110 - 135	16.67%	Jan 2022	100 - 127.5
MB-ZN-0111	Zinc concentrate TC annual benchmark, cif China, $/per tonne	24 Jul 2019	245	66.67%	Jan 2022	245

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	01 Feb 2022	300 - 310	0.00%	Jan 2022	300 - 310
MB-CHO-0003	Chrome ore South Africa UG2/MG concentrates index, cif China, $/tonne	01 Feb 2022	185	0.00%	Jan 2022	175.25
MB-FEC-0001	Ferro-chrome low phosphorous, min 65% Cr, max 0.015% P, delivered Europe, $/lb	01 Feb 2022	1.76 - 2.05	0.00%	Jan 2022	1.78 - 2.01
MB-FEC-0002	Ferro-chrome low carbon, 65% Cr, max 0.06% C, delivered Europe, $/lb Cr	01 Feb 2022	3.84 - 4.34	0.74%	Jan 2022	3.72 - 4.35
MB-FEC-0003	Ferro-chrome 0.10% C, average 65-70% Cr, delivered Europe, $/lb Cr	01 Feb 2022	3.8 - 4.3	0.75%	Jan 2022	3.68 - 4.31
MB-FEC-0005	Ferro-chrome contract 6-8% C, basis 50% Cr, ddp China, yuan/tonne	01 Feb 2022	7995 - 8195	0.00%	Jan 2022	8145 - 9248.75
MB-FEC-0006	Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	01 Feb 2022	8500 - 8800	0.00%	Jan 2022	8275 - 8600
MB-FEC-0007	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, US cents/lb	27 Jan 2022	210 - 225	0.00%	Jan 2022	210 - 225
MB-FEC-0008	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, US cents/lb	27 Jan 2022	380 - 385	0.00%	Jan 2022	380 - 385
MB-FEC-0009	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, US cents/lb	27 Jan 2022	365 - 375	0.00%	Jan 2022	365 - 375
MB-FEC-0010	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, US cents/lb	27 Jan 2022	355 - 360	0.00%	Jan 2022	355 - 360
MB-FEC-0011	Ferro-chrome 50% Cr import, cif main Chinese ports, $/lb contained Cr	01 Feb 2022	1.07	0.00%	Jan 2022	1.07
MB-FEC-0012	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, $/lb	27 Jan 2022	2.1 - 2.25	0.00%	Jan 2022	
MB-FEC-0013	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, $/lb	27 Jan 2022	3.8 - 3.85	0.00%	Jan 2022	
MB-FEC-0014	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, $/lb	27 Jan 2022	3.65 - 3.75	0.00%	Jan 2022	
MB-FEC-0015	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, $/lb	27 Jan 2022	3.55 - 3.6	0.00%	Jan 2022	
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 Jan 2022	1.8	0.00%	Jan 2022	1.8
MB-FEC-0017	Ferro-chrome high carbon 57-65% Cr, cif dup Japan, $/lb	27 Jan 2022	1.06 - 1.08	0.00%	Jan 2022	1.06 - 1.08
MB-FEC-0018	Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, $/lb	27 Jan 2022	1.05 - 1.07	0.00%	Jan 2022	1.05 - 1.07
MB-FEC-0019	Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, $/lb	01 Feb 2022	1.73	0.58%	Jan 2022	1.72
MB-FEC-0020	Ferro-chrome high carbon 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, $/lb Cr	01 Feb 2022	1.25 - 1.5	0.00%	Jan 2022	1.3 - 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	01 Feb 2022	1.72 - 1.99	0.54%	Jan 2022	1.72 - 1.96

Manganese ore and alloy prices

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	27 Jan 2022	2600 - 2650	0.00%	Jan 2022	2600 - 2650
MB-FEM-0002	Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	27 Jan 2022	315 - 320	0.00%	Jan 2022	315 - 320

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEM-0003	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, US cents/lb	27 Jan 2022	255 - 260	0.00%	Jan 2022	255 - 260
MB-FEM-0004	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, $/lb	27 Jan 2022	2.55 - 2.6	0.00%	Jan 2022	
MB-FEM-0006	Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	28 Jan 2022	1525 - 1575	0.00%	Jan 2022	1512.5 - 1562.5
MB-FEM-0007	Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	28 Jan 2022	7500 - 7700	0.00%	Jan 2022	7400 - 7625
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, $/dmtu	28 Jan 2022	5.46	0.00%	Jan 2022	5.46
MB-MNO-0002	Manganese ore 37% Mn, fob Port Elizabeth, $/dmtu	28 Jan 2022	3.41	2.10%	Jan 2022	3.34
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, $/dmtu	28 Jan 2022	4.52	0.00%	Jan 2022	4.52
MB-MNO-0004	Manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin China, yuan/dmtu	28 Jan 2022	34.4	0.00%	Jan 2022	34.25
MB-MNO-0005	Manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin China, yuan/dmtu	28 Jan 2022	43.9	0.92%	Jan 2022	43.18
MB-SIM-0001	Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	28 Jan 2022	7900 - 8200	0.00%	Jan 2022	7875 - 8150
MB-SIM-0002	Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	28 Jan 2022	1550 - 1600	0.00%	Jan 2022	1550 - 1600
MB-SIM-0003	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, US cents/lb	27 Jan 2022	120 - 125	0.00%	Jan 2022	120 - 125
MB-SIM-0005	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, $/lb	27 Jan 2022	1.2 - 1.25	0.00%	Jan 2022	
MB-SIM-0004	Silico-manganese 65% Mn min, min 16% Si, fob India, $/tonne	28 Jan 2022	1470 - 1520	0.00%	Jan 2022	1460 - 1515

Ferro-silicon prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FES-0001	Ferro-silicon 75% Si min, in-whs China, yuan/tonne	02 Feb 2022	9500 - 9600	0.00%	Jan 2022	9400 - 9550
MB-FES-0002	Ferro-silicon 75% Si, in-whs Pittsburgh, US cents/lb	27 Jan 2022	330 - 335	-0.75%	Jan 2022	330 - 338.75
MB-FES-0003	Ferro-silicon 75% Si, in-whs Pittsburgh, $/lb	27 Jan 2022	3.3 - 3.35	-0.60%	Jan 2022	
MB-FES-0004	Ferro-silicon 75% Si min export, fob China, $/tonne	02 Feb 2022	2000 - 2100	0.00%	Jan 2022	2000 - 2075
MB-FES-0005	Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	28 Jan 2022	2800 - 3300	-1.61%	Jan 2022	2825 - 3300
MB-FES-0006	Ferro-silicon 75% Si min, cif Japan, $/tonne	02 Feb 2022	2050 - 2150	0.00%	Jan 2022	2045 - 2120

Tungsten prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEU-0001	Ferro-tungsten basis 75% W, in-whs dup Rotterdam, $/kg W	02 Feb 2022	41.5 - 42	1.21%	Jan 2022	39.45 - 40.64
MB-FEU-0003	Ferro-tungsten export, min 75% fob China, $/kg W	02 Feb 2022	39.5 - 41.5	0.00%	Jan 2022	39.08 - 41
MB-W-0001	Tungsten APT 88.5% WO3 min cif Rotterdam and Baltimore duty-free, $/mtu WO3	28 Jan 2022	335 - 338	1.20%	Jan 2022	328 - 333.25
MB-W-0002	Tungsten concentrate 65% WO3, in-whs China, yuan/tonne	02 Feb 2022	115000 - 117000	0.00%	Jan 2022	114500 - 115875
MB-W-0003	Tungsten APT 88.5% WO3 min, fob main ports China, $/mtu WO3	02 Feb 2022	325 - 330	0.00%	Jan 2022	321.25 - 326.25

Vanadium & niobium prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEV-0003	Ferro-vanadium 78% V min, fob China, $/kg V	27 Jan 2022	37.89 - 38.44	0.00%	Jan 2022	37.83 - 38.61
MB-FEV-0001	Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, $/kg V	02 Feb 2022	38 - 39	0.65%	Jan 2022	35.31 - 36.75
MB-FEV-0002	Ferro-vanadium 70-80% V, in-whs Pittsburgh, $/lb	27 Jan 2022	17.75 - 18	3.05%	Jan 2022	16.49 - 16.81
MB-V-0001	Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, $/lb V2O5	28 Jan 2022	9.8 - 10	1.54%	Jan 2022	9.08 - 9.5
MB-V-0002	Vanadium pentoxide 98% V2O5 min, fob China, $/lb V2O5	27 Jan 2022	8.71 - 8.86	0.00%	Jan 2022	8.69 - 8.87
MB-V-0004	Vanadium pentoxide 98% V2O5 min, exw China, yuan/tonne	27 Jan 2022	122000 - 124000	0.00%	Jan 2022	121750 - 124250
MB-V-0003	Vanadium nitrogen, basis 77%V, 16% N, exw China, yuan/tonne	27 Jan 2022	185000 - 188000	0.00%	Jan 2022	185000 - 189000
MB-FN-0001	Ferro-niobium 63-67% delivered consumer works, dp, Europe $ per kg Nb	02 Feb 2022	45 - 45.5	0.00%	Jan 2022	44.7 - 45.5

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	31 Jan 2022	(1600) - (1200)		Jan 2022	(1600) - (1200)
MB-FET-0001	Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, $/kg Ti	02 Feb 2022	7.7 - 8	0.00%	Jan 2022	7.7 - 8
MB-FET-0002	Ferro-titanium 68-72% Ti, ex-whs US, $/lb	27 Jan 2022	3.6 - 3.85	0.00%	Jan 2022	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	02 Feb 2022	44 - 44.8	-0.56%	Jan 2022	44.56 - 45.19
MB-FEO-0002	Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, $/lb	27 Jan 2022	21 - 21.5	2.41%	Jan 2022	20.56 - 21.13
MB-FEO-0003	Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, $/lb Mo	02 Feb 2022	19.1 - 19.25	0.00%	Jan 2022	19.07 - 19.22
MB-FEO-0004	Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, $/lb	02 Feb 2022	19 - 19.1	0.00%	Jan 2022	18.85 - 19.03
MB-MO-0001	Molybdenum canned molybdic oxide, in-whs Pittsburgh, $/lb	27 Jan 2022	19.1 - 19.4	0.00%	Jan 2022	19 - 19.48

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	02 Feb 2022	75	4.17%	Jan 2022	76.5
MB-AL-0370	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	55	10.00%	Jan 2022	51.5
MB-AL-0371	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	63	5.00%	Jan 2022	58.5
MB-AL-0367	Aluminum scrap litho sheets, dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	96	0.00%	Jan 2022	95.5
MB-AL-0372	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	76	15.15%	Jan 2022	66
MB-AL-0037	Aluminum scrap segregated low copper alloy clips 3105, mills specialty consumers' buying price, delivered consumer US, US cents/lb	27 Jan 2022	109 - 112	1.38%	Jan 2022	104.75 - 107.5
MB-AL-0369	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	73	12.31%	Jan 2022	65
MB-AL-0366	Aluminum scrap industrial castings, dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	56	5.66%	Jan 2022	54
MB-AL-0365	Aluminum scrap aluminum borings, turnings, clean & dry, dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	30	20.00%	Jan 2022	26
MB-AL-0031	Aluminum scrap turnings clean dry high grade buying price, delivered to Midwest secondary smelters, US cents/lb	27 Jan 2022	71 - 75	1.39%	Jan 2022	69.75 - 73.75
MB-AL-0032	Aluminum scrap turnings clean dry mixed grade (max 5% Zn) buying price, delivered to Midwest secondary smelters, US cents/lb	27 Jan 2022	62 - 66	3.23%	Jan 2022	59.5 - 63.5
MB-AL-0033	Aluminum scrap aluminium-copper radiators buying price, delivered to Midwest secondary smelters, US cents/lb	27 Jan 2022	210 - 220	0.00%	Jan 2022	205 - 215
MB-AL-0030	Aluminum scrap old cast buying price, delivered to Midwest secondary smelters, US cents/lb	27 Jan 2022	72 - 75	0.00%	Jan 2022	70.5 - 73.75
MB-AL-0029	Aluminum scrap old sheet buying price, delivered to Midwest secondary smelters, US cents/lb	27 Jan 2022	73 - 76	0.00%	Jan 2022	71.25 - 74.25
MB-AL-0027	Aluminum scrap siding buying price, delivered Midwest secondary smelters, US cents/lb	27 Jan 2022	74 - 77	0.00%	Jan 2022	72.75 - 75.75
MB-AL-0368	Aluminum scrap mixed clips, dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	73	12.31%	Jan 2022	64
MB-AL-0028	Aluminum scrap mixed clips buying price, delivered to Midwest secondary smelters, US cents/lb	27 Jan 2022	70 - 73	0.00%	Jan 2022	68.5 - 71.75
MB-AL-0024	Aluminum scrap mixed high copper clips, buying price, delivered Midwest secondary smelters, US cents/lb	27 Jan 2022	77 - 80	2.61%	Jan 2022	74.25 - 77.5
MB-AL-0038	Aluminum scrap mixed low copper clips, specialty consumers' buying price, delivered consumer US, US cents/lb	27 Jan 2022	107 - 110	1.88%	Jan 2022	102.75 - 106
MB-AL-0023	Aluminum scrap mixed low copper clips, buying price, delivered Midwest secondary smelters, US cents/lb	27 Jan 2022	78 - 82	1.27%	Jan 2022	75.75 - 79.75
MB-AL-0025	Aluminum scrap mixed high zinc clips buying price, delivered Midwest secondary smelters, US cents/lb	27 Jan 2022	68 - 72	1.45%	Jan 2022	66 - 70
MB-AL-0026	Aluminum scrap 1-1-3 sows buying price, delivered Midwest secondary smelters, US cents/lb	27 Jan 2022	75 - 79	0.65%	Jan 2022	74.5 - 77.25

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	27 Jan 2022	150 - 154	3.05%	Jan 2022	144.25 - 147.75
MB-AL-0039	Aluminum scrap painted siding, specialty consumers' buying price, delivered consumer US, US cents/lb	27 Jan 2022	103 - 105	0.48%	Jan 2022	100.25 - 103
MB-AL-0373	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	57	0.00%	Jan 2022	57
MB-AL-0035	Aluminum scrap used beverage cans, domestic aluminum producer buying price, fob shipping point US, US cents/lb	27 Jan 2022	104 - 107	3.94%	Jan 2022	98 - 100.75
MB-AL-0034	Aluminum scrap non-ferrous auto shred (90% Al) buying price, delivered to Midwest secondary smelters, US cents/lb	27 Jan 2022	84 - 87	0.00%	Jan 2022	81.5 - 85
MB-AL-0375	Zorba 95/3 min, basis delivered US facility, US cents/lb	27 Jan 2022	67 - 70	3.01%	Jan 2022	64.5 - 66.75
MB-AL-0161	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	195	5.41%	Jan 2022	181
MB-AL-0117	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	40	-6.98%	Jan 2022	43
MB-AL-0101	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	20	0.00%	Jan 2022	20
MB-AL-0118	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	85	13.33%	Jan 2022	75
MB-AL-0102	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	51	0.00%	Jan 2022	50.5
MB-AL-0160	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	73	-2.67%	Jan 2022	75
MB-AL-0085	Aluminum scrap mixed clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	50	0.00%	Jan 2022	50
MB-AL-0054	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	141	2.92%	Jan 2022	131
MB-AL-0149	Aluminum scrap industrial castings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	35	-22.22%	Jan 2022	45
MB-AL-0150	Aluminum scrap industrial castings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	75	0.00%	Jan 2022	75
MB-AL-0133	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	15	0.00%	Jan 2022	15
MB-AL-0134	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	114	0.89%	Jan 2022	105.5
MB-AL-0203	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	47	0.00%	Jan 2022	47
MB-AL-0204	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	117	3.54%	Jan 2022	104.5
MB-AL-0070	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	121	4.31%	Jan 2022	109.5
MB-AL-0069	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	45	0.00%	Jan 2022	45
MB-AL-0053	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	60	0.00%	Jan 2022	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	02 Feb 2022	195	5.41%	Jan 2022	181
MB-AL-0117	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	40	-6.98%	Jan 2022	43
MB-AL-0101	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	20	0.00%	Jan 2022	20
MB-AL-0118	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	85	13.33%	Jan 2022	75
MB-AL-0102	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	51	0.00%	Jan 2022	50.5
MB-AL-0160	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	73	-2.67%	Jan 2022	75
MB-AL-0085	Aluminum scrap mixed clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	50	0.00%	Jan 2022	50
MB-AL-0054	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	141	2.92%	Jan 2022	131
MB-AL-0149	Aluminum scrap industrial castings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	35	-22.22%	Jan 2022	45
MB-AL-0150	Aluminum scrap industrial castings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	75	0.00%	Jan 2022	75
MB-AL-0133	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	15	0.00%	Jan 2022	15
MB-AL-0134	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	114	0.89%	Jan 2022	105.5
MB-AL-0203	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	47	0.00%	Jan 2022	47
MB-AL-0204	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	117	3.54%	Jan 2022	104.5
MB-AL-0070	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	121	4.31%	Jan 2022	109.5
MB-AL-0069	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	45	0.00%	Jan 2022	45
MB-AL-0053	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	60	0.00%	Jan 2022	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	02 Feb 2022	1150 - 2000	40.12%	Jan 2022	990.75 - 1035.75
MB-AL-0015	Aluminium scrap group 7 turnings, delivered consumer UK, £/tonne	02 Feb 2022	750 - 800	0.00%	Jan 2022	740 - 785
MB-AL-0012	Aluminium scrap commercial turnings, delivered consumer UK, £/tonne	02 Feb 2022	900 - 950	2.78%	Jan 2022	865 - 925
MB-AL-0285	Aluminium scrap commercial turnings, LME discount, delivered consumer UK, £/tonne	02 Feb 2022	1000 - 1050	2.60%	Jan 2022	850.75 - 910.75
MB-AL-0010	Aluminium scrap commercial cast, delivered consumer UK, £/tonne	02 Feb 2022	1300 - 1350	3.92%	Jan 2022	1215 - 1265
MB-AL-0283	Aluminium scrap commercial cast, LME discount, delivered consumer UK, £/tonne	02 Feb 2022	600 - 650	0.16%	Jan 2022	510.75 - 560.75
MB-AL-0011	Aluminium scrap commercial pure cuttings, delivered consumer UK, £/tonne	02 Feb 2022	1500 - 1600	0.00%	Jan 2022	1325 - 1396.25

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0279	Aluminium scrap commercial pure cuttings, LME discount, delivered consumer UK, £/tonne	02 Feb 2022	691 - 791	2.21%	Jan 2022	786.75 - 858
MB-AL-0017	Aluminium scrap LM6/LM25 gravity diecasting ingot, delivered consumer UK, £/tonne	02 Feb 2022	2600 - 2700	1.92%	Jan 2022	2467.5 - 2550
MB-AL-0284	Aluminium scrap cast wheels, LME discount, delivered consumer UK, £/tonne	02 Feb 2022	100 - 150	26.26%	Jan 2022	35.75 - 85.75
MB-AL-0007	Aluminium scrap cast wheels, delivered consumer UK, £/tonne	02 Feb 2022	1800 - 1850	1.39%	Jan 2022	1690 - 1740
MB-AL-0008	Aluminium scrap cast, delivered consumer Europe, €/tonne	28 Jan 2022	1630 - 1680	2.48%	Jan 2022	1572.5 - 1627.5
MB-AL-0278	Aluminium scrap group 1 pure 99% & litho, LME discount, delivered consumer UK, £/tonne	02 Feb 2022	241 - 291	6.40%	Jan 2022	195.5 - 245.5
MB-AL-0014	Aluminium scrap group 1 pure 99% & litho, delivered consumer UK, £/tonne	02 Feb 2022	2000 - 2050	0.00%	Jan 2022	1937.5 - 1987.5
MB-AL-0281	Aluminium scrap loose old rolled cuttings, LME discount, delivered consumer UK, £/tonne	02 Feb 2022	900 - 950	5.84%	Jan 2022	750.75 - 800.75
MB-AL-0018	Aluminium scrap loose old rolled cuttings, delivered consumer UK, £/tonne	02 Feb 2022	1000 - 1050	0.00%	Jan 2022	975 - 1025
MB-AL-0282	Aluminium scrap baled old rolled, LME discount, delivered consumer UK, £/tonne	02 Feb 2022	750 - 800	7.04%	Jan 2022	648.25 - 695.75
MB-AL-0006	Aluminium scrap baled old rolled, delivered consumer UK, £/tonne	02 Feb 2022	1150 - 1200	0.00%	Jan 2022	1080 - 1127.5
MB-AL-0280	Aluminium scrap clean HE9 extrusions, LME discount, delivered consumer UK, £/tonne	02 Feb 2022	241 - 291	6.40%	Jan 2022	195.5 - 245.5
MB-AL-0013	Aluminium scrap floated frag, delivered consumer Europe, €/tonne	28 Jan 2022	1730 - 1780	2.93%	Jan 2022	1650 - 1702.5
MB-AL-0019	Aluminium scrap mixed turnings, delivered consumer Europe, €/tonne	28 Jan 2022	1420 - 1470	1.40%	Jan 2022	1380 - 1430
MB-AL-0009	Aluminium scrap clean HE9 extrusions, delivered consumer UK, £/tonne	02 Feb 2022	2000 - 2050	0.00%	Jan 2022	1937.5 - 1987.5
MB-AL-0016	Aluminium scrap LM24 pressure diecasting ingot, delivered consumer UK, £/tonne	02 Feb 2022	2000 - 2050	0.50%	Jan 2022	1990 - 2040

Secondary aluminium alloy prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0005	Aluminium pressure diecasting ingot DIN226/A380, delivered Europe, €/tonne	28 Jan 2022	2410 - 2500	1.66%	Jan 2022	2365 - 2432.5
MB-AL-0040	Aluminum alloy A380.1, delivered Midwest, US cents/lb	27 Jan 2022	143 - 148	0.34%	Jan 2022	142.75 - 147.25
MB-AL-0233	Aluminum alloy A380.1, delivered Midwest, $/lb	27 Jan 2022	1.43 - 1.48	0.69%	Jan 2022	
MB-AL-0041	Aluminum alloy 319.1, delivered Midwest, cents/lb	27 Jan 2022	150 - 153	0.33%	Jan 2022	149.75 - 153
MB-AL-0042	Aluminum alloy 356.1, delivered Midwest, cents/lb	27 Jan 2022	176 - 180	0.00%	Jan 2022	176 - 180
MB-AL-0043	Aluminum alloy A360.1, delivered Midwest, cents/lb	27 Jan 2022	179 - 183	1.12%	Jan 2022	177.5 - 181.5
MB-AL-0044	Aluminum alloy A413.1, delivered Midwest, cents/lb	27 Jan 2022	184 - 188	0.81%	Jan 2022	182.75 - 187.25
MB-AL-0292	Aluminium ingot ADC 12 spot (MJP), cfr Japan, $/tonne	02 Feb 2022	2550 - 2630	0.00%	Jan 2022	2500 - 2570
MB-AL-0350	Aluminium ingot ADC 12, exw dp China, yuan/tonne	02 Feb 2022	20500 - 20900	0.00%	Jan 2022	20400 - 20800

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	02 Feb 2022	365	0.00%	Jan 2022	362.5

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	02 Feb 2022	(24) - (21)		Jan 2022	(24.25) - (20.75)
MB-CU-0292	Copper scrap No1 copper, discount, buying price, delivered to refiners, US cents/lb	02 Feb 2022	(18) - (15)		Jan 2022	(19.5) - (15.75)
MB-CU-0291	Copper scrap No1 copper, discount, buying price, delivered to brass mill US, US cents/lb	02 Feb 2022	(11) - (9)		Jan 2022	(12.25) - (9.5)
MB-CU-0294	Copper scrap No1 bare bright, discount, buying price, delivered to brass ingot makers, US cents/lb	02 Feb 2022	(10) - (7)		Jan 2022	(10) - (7)
MB-CU-0305	Copper scrap No1 bare bright, buying price, delivered to brass ingot makers, US cents/lb	02 Feb 2022	440 - 443	1.61%	Jan 2022	433.75 - 436.7
MB-CU-0306	Copper scrap No1 copper, buying price, delivered to brass ingot makers, US cents/lb	02 Feb 2022	426 - 429	1.66%	Jan 2022	419.8 - 423.25
MB-CU-0302	Copper scrap No1 copper, buying price, delivered to brass mill US, US cents/lb	02 Feb 2022	440	1.62%	Jan 2022	433.1
MB-CU-0298	Copper scrap No1 comp solids, buying price, delivered to brass ingot makers, US cents/lb	02 Feb 2022	339 - 342	0.00%	Jan 2022	336 - 339.5
MB-CU-0303	Copper scrap No1 copper, buying price, delivered to refiners, US cents/lb	02 Feb 2022	433.5	2.12%	Jan 2022	426.4
MB-CU-0010	Copper scrap No1 heavy copper & wire, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	489	1.24%	Jan 2022	483
MB-CU-0009	Copper scrap No1 heavy copper & wire, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	335	0.00%	Jan 2022	332.5
MB-CU-0512	No1 copper material, RCu-2A,1B (candy/berry), cif China, LME/Comex discount, US cents per lb	31 Jan 2022	9 - 12	-4.55%	Jan 2022	9 - 12
MB-CU-0360	No2 copper material, RCu-2B (birch/cliff), cif China, LME/Comex discount, US cents per lb	31 Jan 2022	22 - 25	-9.62%	Jan 2022	22 - 25
MB-CU-0025	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	298	0.00%	Jan 2022	295.5
MB-CU-0418	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	338	0.00%	Jan 2022	336.5
MB-CU-0304	Copper scrap No2 copper, buying price, delivered to refiners, US cents/lb	02 Feb 2022	398.5	1.79%	Jan 2022	393.5
MB-CU-0307	Copper scrap No2 copper, buying price, delivered to brass ingot makers, US cents/lb	02 Feb 2022	398 - 402	1.78%	Jan 2022	390.8 - 394.8
MB-CU-0293	Copper scrap No2 copper, discount, buying price, delivered to refiners, US cents/lb	02 Feb 2022	(53) - (50)		Jan 2022	(52.25) - (48.75)
MB-CU-0296	Copper scrap No2 copper, discount, buying price, delivered to brass ingot makers, US cents/lb	02 Feb 2022	(52) - (48)		Jan 2022	(53) - (49)
MB-CU-0026	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	455	2.02%	Jan 2022	450.5

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	02 Feb 2022	215	0.00%	Jan 2022	216.5
MB-CU-0301	Copper scrap yellow brass solids, buying price, delivered to brass ingot makers, US cents/lb	02 Feb 2022	280 - 284	0.00%	Jan 2022	276.25 - 281
MB-CU-0416	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	195	0.00%	Jan 2022	199
MB-CU-0414	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	198	5.32%	Jan 2022	189

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0300	Copper scrap radiators, buying price, delivered to brass ingot makers, US cents/lb	02 Feb 2022	258 - 263	0.00%	Jan 2022	257 - 261.5
MB-CU-0413	Copper scrap 70-30 brass clips, dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	258	1.18%	Jan 2022	252.5
MB-CU-0415	Copper scrap light copper, dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	308	0.00%	Jan 2022	304
MB-CU-0297	Copper scrap light copper, discount, buying price, delivered to brass ingot makers, US cents/lb	02 Feb 2022	(57) - (55)		Jan 2022	(58) - (55.5)
MB-CU-0308	Copper scrap light copper, buying price, delivered to brass ingot makers, US cents/lb	02 Feb 2022	393 - 395	1.81%	Jan 2022	385.95 - 388.5
MB-CU-0299	Copper scrap comp borings, turnings, buying price, delivered to brass ingot makers, US cents/lb	02 Feb 2022	320 - 323	0.00%	Jan 2022	320 - 323
MB-CU-0419	Copper scrap red brass solids, dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	265	0.00%	Jan 2022	266
MB-CU-0420	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	235	0.00%	Jan 2022	235

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	02 Feb 2022	180	2.86%	Jan 2022	175
MB-CU-0120	Copper scrap yellow brass solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	326	1.24%	Jan 2022	322
MB-CU-0135	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	100	0.00%	Jan 2022	100
MB-CU-0136	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	284	0.00%	Jan 2022	284
MB-CU-0196	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	150	0.00%	Jan 2022	150
MB-CU-0197	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	294	0.34%	Jan 2022	292
MB-CU-0181	Copper scrap 70-30 brass clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	200	11.11%	Jan 2022	180
MB-CU-0042	Copper scrap light copper, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	443	1.61%	Jan 2022	459
MB-CU-0041	Copper scrap light copper, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	275	0.00%	Jan 2022	270
MB-CU-0058	Copper scrap red brass solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	396	0.25%	Jan 2022	396
MB-CU-0073	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	110	0.00%	Jan 2022	110
MB-CU-0074	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	387	0.00%	Jan 2022	389.5
MB-CU-0057	Copper scrap red brass solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	200	0.00%	Jan 2022	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	26 Jan 2022	510 - 560	5.00%	Jan 2022	500 - 544.5
MB-NI-0198	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	130 - 140	5.47%	Jan 2022	125 - 138
MB-NI-0152	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	02 Feb 2022	215 - 235	8.43%	Jan 2022	205 - 210
MB-NI-0197	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	635 - 670	3.16%	Jan 2022	625 - 660
MB-NI-0154	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	02 Feb 2022	365 - 400	10.07%	Jan 2022	330 - 365
MB-NI-0151	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	02 Feb 2022	135 - 150	7.55%	Jan 2022	130 - 135
MB-NI-0200	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	310 - 330	4.40%	Jan 2022	305 - 321.5
MB-NI-0199	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	200 - 205	3.32%	Jan 2022	195 - 203.5
MB-NI-0150	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	02 Feb 2022	90 - 125	19.44%	Jan 2022	87 - 93
MB-NI-0149	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Chicago, US cents/lb	02 Feb 2022	440 - 480	13.58%	Jan 2022	400 - 410
MB-NI-0155	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	02 Feb 2022	34 - 35	7.81%	Jan 2022	30 - 34
MB-NI-0201	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	305 - 328	4.63%	Jan 2022	300 - 319
MB-NI-0153	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	02 Feb 2022	215 - 235	15.38%	Jan 2022	180 - 210
MB-NI-0193	Nickel scrap nickel turnings, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	800 - 900	3.98%	Jan 2022	790 - 877.5
MB-NI-0145	Nickel scrap nickel turnings, dealer buying price, delivered to yard Chicago, US cents/lb	02 Feb 2022	570 - 670	12.22%	Jan 2022	525 - 580
MB-NI-0192	Nickel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	835 - 925	2.33%	Jan 2022	827.5 - 912.5
MB-NI-0144	Nickel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	02 Feb 2022	585 - 700	10.78%	Jan 2022	560 - 600
MB-NI-0196	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	450 - 540	4.98%	Jan 2022	430 - 536.5
MB-NI-0148	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	02 Feb 2022	315 - 380	0.72%	Jan 2022	330 - 360
MB-NI-0194	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	495 - 550	-3.51%	Jan 2022	492.5 - 571.5
MB-NI-0146	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	02 Feb 2022	315 - 490	10.27%	Jan 2022	360 - 370
MB-NI-0195	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	375 - 450	-0.96%	Jan 2022	362.5 - 466.5
MB-NI-0147	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Chicago, US cents/lb	02 Feb 2022	280 - 380	29.41%	Jan 2022	250 - 260
MB-NI-0203	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	48 - 60	9.09%	Jan 2022	47.5 - 56

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	26 Jan 2022	310 - 330	5.79%	Jan 2022	305 - 317.5
MB-NI-0162	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	02 Feb 2022	91 - 99	8.57%	Jan 2022	80 - 95
MB-NI-0167	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	02 Feb 2022	34 - 35	4.55%	Jan 2022	30 - 36
MB-NI-0214	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	525 - 560	6.90%	Jan 2022	507.5 - 542.5
MB-NI-0211	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	200 - 205	3.32%	Jan 2022	195 - 203.5
MB-NI-0164	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	02 Feb 2022	215 - 235	13.92%	Jan 2022	180 - 215
MB-NI-0161	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Detroit, US cents/lb	02 Feb 2022	440 - 480	12.47%	Jan 2022	368 - 450
MB-NI-0210	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	130 - 135	3.52%	Jan 2022	125 - 135.5
MB-NI-0209	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	635 - 670	3.16%	Jan 2022	625 - 660
MB-NI-0166	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	02 Feb 2022	365 - 400	16.79%	Jan 2022	290 - 365
MB-NI-0163	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	02 Feb 2022	135 - 150	11.76%	Jan 2022	115 - 140
MB-NI-0213	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	315 - 320	4.10%	Jan 2022	305 - 317.5
MB-NI-0165	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	02 Feb 2022	215 - 235	15.98%	Jan 2022	173 - 215
MB-NI-0205	Nickel scrap nickel turnings, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	800 - 900	4.29%	Jan 2022	790 - 875
MB-NI-0157	Nickel scrap nickel turnings, dealer buying price, delivered to yard Detroit, US cents/lb	02 Feb 2022	570 - 595	16.50%	Jan 2022	420 - 580
MB-NI-0204	Nickel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	835 - 925	3.53%	Jan 2022	827.5 - 902.5
MB-NI-0156	Nickel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	02 Feb 2022	585 - 625	16.57%	Jan 2022	438 - 600
MB-NI-0208	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	450 - 540	5.32%	Jan 2022	430 - 535
MB-NI-0160	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	02 Feb 2022	315 - 380	11.20%	Jan 2022	265 - 360
MB-NI-0206	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	495 - 550	0.48%	Jan 2022	492.5 - 550
MB-NI-0158	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	02 Feb 2022	315 - 375	2.99%	Jan 2022	300 - 370
MB-NI-0207	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	375 - 400	6.90%	Jan 2022	362.5 - 387.5
MB-NI-0159	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Detroit, US cents/lb	02 Feb 2022	280 - 370	23.57%	Jan 2022	246 - 280
MB-NI-0215	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	48 - 49	-1.02%	Jan 2022	48 - 49.5

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	26 Jan 2022	130 - 132	10.08%	Jan 2022	121.5 - 128.5
MB-NI-0178	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	02 Feb 2022	392 - 400	3.53%	Jan 2022	365 - 400
MB-NI-0175	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	02 Feb 2022	140 - 155	2.79%	Jan 2022	135 - 152
MB-NI-0227	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	53 - 62	-3.36%	Jan 2022	56 - 61
MB-NI-0174	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	02 Feb 2022	90 - 100	2.70%	Jan 2022	85 - 100
MB-NI-0224	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	310 - 345	13.72%	Jan 2022	295.5 - 320
MB-NI-0221	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	620 - 700	17.75%	Jan 2022	590 - 630.5
MB-NI-0179	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	02 Feb 2022	35 - 40	25.00%	Jan 2022	25 - 35
MB-NI-0226	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	520 - 580	14.46%	Jan 2022	495.5 - 535
MB-NI-0223	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	195 - 205	8.70%	Jan 2022	186.5 - 197.5
MB-NI-0176	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	02 Feb 2022	230 - 290	16.59%	Jan 2022	210 - 236
MB-NI-0173	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Houston, US cents/lb	02 Feb 2022	464 - 490	0.42%	Jan 2022	450 - 500
MB-NI-0225	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	325 - 345	13.37%	Jan 2022	303 - 327.5
MB-NI-0177	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	02 Feb 2022	230 - 290	13.54%	Jan 2022	210 - 248
MB-NI-0217	Nickel scrap nickel turnings, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	700 - 800	15.47%	Jan 2022	669.5 - 730
MB-NI-0169	Nickel scrap nickel turnings, dealer buying price, delivered to yard Houston, US cents/lb	02 Feb 2022	530 - 570	5.77%	Jan 2022	500 - 540
MB-NI-0216	Nickel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	825 - 935	15.94%	Jan 2022	784 - 855
MB-NI-0168	Nickel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	02 Feb 2022	615 - 660	1.19%	Jan 2022	585 - 675
MB-NI-0220	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	520 - 640	4.98%	Jan 2022	517.5 - 615
MB-NI-0172	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	02 Feb 2022	412 - 490	11.08%	Jan 2022	400 - 412
MB-NI-0218	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	570 - 650	4.72%	Jan 2022	565 - 627.5
MB-NI-0170	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	02 Feb 2022	448 - 510	11.66%	Jan 2022	410 - 448
MB-NI-0219	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	380 - 450	5.73%	Jan 2022	360 - 447.5
MB-NI-0171	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Houston, US cents/lb	02 Feb 2022	260 - 356	0.00%	Jan 2022	260 - 356

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	26 Jan 2022	525 - 600	13.07%	Jan 2022	497.5 - 562.5
MB-NI-0235	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	180 - 205	2.12%	Jan 2022	177.5 - 203.5
MB-NI-0188	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	02 Feb 2022	155 - 235	-4.88%	Jan 2022	200 - 210
MB-NI-0185	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	02 Feb 2022	440 - 480	8.88%	Jan 2022	370 - 475
MB-NI-0191	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	02 Feb 2022	28 - 35	1.61%	Jan 2022	22 - 40
MB-NI-0187	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	02 Feb 2022	105 - 150	-1.92%	Jan 2022	125 - 135
MB-NI-0234	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	130 - 140	3.85%	Jan 2022	125 - 140
MB-NI-0239	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	45 - 60	5.00%	Jan 2022	45 - 57.5
MB-NI-0236	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	310 - 355	12.71%	Jan 2022	295 - 332.5
MB-NI-0233	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	600 - 670	1.60%	Jan 2022	600 - 660
MB-NI-0190	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	02 Feb 2022	365 - 400	4.79%	Jan 2022	330 - 400
MB-NI-0186	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	02 Feb 2022	70 - 99	-9.14%	Jan 2022	86 - 100
MB-NI-0237	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	315 - 355	13.56%	Jan 2022	297.5 - 332.5
MB-NI-0189	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	02 Feb 2022	202 - 240	16.01%	Jan 2022	171 - 210
MB-NI-0229	Nickel scrap nickel turnings, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	800 - 900	4.62%	Jan 2022	787.5 - 875
MB-NI-0181	Nickel scrap nickel turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	02 Feb 2022	570 - 595	1.30%	Jan 2022	525 - 625
MB-NI-0228	Nickel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	830 - 925	3.24%	Jan 2022	825 - 902.5
MB-NI-0180	Nickel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	02 Feb 2022	585 - 625	0.00%	Jan 2022	560 - 650
MB-NI-0232	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	450 - 540	5.32%	Jan 2022	430 - 535
MB-NI-0184	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	02 Feb 2022	315 - 380	8.59%	Jan 2022	280 - 360
MB-NI-0230	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	495 - 550	0.48%	Jan 2022	472.5 - 570
MB-NI-0182	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	02 Feb 2022	315 - 375	-5.48%	Jan 2022	340 - 390
MB-NI-0231	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	300 - 400	3.70%	Jan 2022	300 - 387.5
MB-NI-0183	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	02 Feb 2022	280 - 370	24.76%	Jan 2022	220 - 301

Lead scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0004	Lead scrap buying price, delivered smelters US, $/cwt	25 Jan 2022	81 - 85	0.00%	Jan 2022	81 - 85
MB-PB-0003	Lead scrap remelt buying price, delivered smelters US, $/cwt	25 Jan 2022	87 - 90	0.00%	Jan 2022	87 - 90
MB-PB-0002	Lead scrap cable buying price, delivered smelters US, $/cwt	25 Jan 2022	86 - 90	0.00%	Jan 2022	86 - 90
MB-PB-0111	Lead scrap heavy soft lead, dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	45	0.00%	Jan 2022	41.5
MB-PB-0112	Lead scrap undrained whole batteries, dealer buying price, delivered to yard US, US cents/lb	02 Feb 2022	16	6.67%	Jan 2022	15
MB-PB-0005	Lead scrap whole batteries buying price, delivered smelters US, $/cwt	25 Jan 2022	26 - 30	0.00%	Jan 2022	26 - 30
MB-PB-0009	Lead scrap heavy soft lead, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	50	0.00%	Jan 2022	50
MB-PB-0010	Lead scrap heavy soft lead, dealer buying price, delivered to yard Toronto, Canadian cents/lb	02 Feb 2022	65	-4.41%	Jan 2022	68
MB-PB-0033	Lead scrap undrained whole batteries, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	15	0.00%	Jan 2022	15

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	02 Feb 2022	38	0.00%	Jan 2022	36.5
MB-ZN-0004	Zinc scrap old zinc (clean), buying price, delivered smelters US, US cents/lb	25 Jan 2022	69 - 72	0.00%	Jan 2022	69 - 72
MB-ZN-0003	Zinc scrap new zinc clippings buying price, delivered smelters US, US cents/lb	25 Jan 2022	88 - 91	0.00%	Jan 2022	88 - 91
MB-ZN-0002	Zinc scrap galvanizers dross buying price, delivered smelters US, US cents/lb	25 Jan 2022	87 - 92	0.00%	Jan 2022	87 - 92
MB-ZN-0050	Zinc scrap old zinc, dealer buying price, delivered to yard Montreal, Canadian cents/lb	02 Feb 2022	30	0.00%	Jan 2022	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	02 Feb 2022	1.8 - 1.9	0.00%	Jan 2022	1.8 - 1.9
MB-TI-0001	Titanium scrap turnings, unprocessed type 90/6/4, 0.5% Sn max, cif Europe, $/lb	02 Feb 2022	1.8 - 2	0.00%	Jan 2022	1.8 - 2

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	02 Feb 2022	936.14	-0.09%	Jan 2022	920.41
MB-STE-0046	Steel hot-rolled coil import, cfr main port Northern Europe, €/tonne	02 Feb 2022	830 - 850	2.44%	Jan 2022	800 - 835
MB-STE-0047	Steel hot-rolled coil import, cfr main port Southern Europe, €/tonne	02 Feb 2022	810 - 840	4.43%	Jan 2022	775 - 796.25
MB-STE-0532	Steel hot-rolled coil domestic, exw Central Europe, €/tonne	02 Feb 2022	880 - 900	-1.11%	Jan 2022	855 - 877.5
MB-STE-0892	Steel hot-rolled coil index domestic, exw Italy, €/tonne	02 Feb 2022	847.52	0.50%	Jan 2022	826.53
MB-STE-0893	Steel hot-rolled coil domestic, exw Spain, €/tonne	02 Feb 2022	940 - 950	1.61%	Jan 2022	912.5 - 932.5
MB-STE-0107	Steel hot-rolled coil export, fob main port Turkey, $/tonne	28 Jan 2022	880 - 900	6.59%	Jan 2022	838.75 - 855
MB-STE-0105	Steel hot-rolled coil import, cfr main port Turkey, $/tonne	28 Jan 2022	840 - 870	4.91%	Jan 2022	803.75 - 817.5
MB-STE-0108	Steel hot-rolled coil domestic, exw Turkey, $/tonne	28 Jan 2022	900 - 920	7.69%	Jan 2022	846.25 - 862.5
MB-STE-0014	Steel hot-rolled coil export, fob Black Sea, CIS, $/tonne	31 Jan 2022	805 - 815	3.18%	Jan 2022	771 - 783
MB-STE-0065	Steel hot-rolled sheet domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	31 Jan 2022	77000 - 78000	0.65%	Jan 2022	76200 - 77200
MB-STE-0468	Steel hot-rolled coil index, fob mill US, $/short ton	02 Feb 2022	1217.6	-1.28%	Jan 2022	
MB-STE-0184	Steel hot-rolled coil index, fob mill US, $/cwt	02 Feb 2022	60.88	-1.28%	Jan 2022	72.02
MB-STE-0180	Steel hot-rolled coil, import, ddp Houston, $/short ton	02 Feb 2022	1060 - 1140	-6.78%	Jan 2022	1180 - 1260
MB-STE-0007	Steel hot-rolled coil domestic monthly, exw Brazil, reais/tonne	14 Jan 2022	5950 - 6040	0.00%	Jan 2022	5950 - 6040
MB-STE-0133	Steel hot-rolled coil (dry) export, fob main port Latin America, $/tonne	28 Jan 2022	710 - 760	0.00%	Jan 2022	720 - 776.25
MB-STE-0102	Steel hot-rolled coil import, cfr main ports South America, $/tonne	28 Jan 2022	860 - 890	2.34%	Jan 2022	840 - 885
MB-STE-0444	Steel hot-rolled coil import, cfr main port India, $/tonne	28 Jan 2022	785 - 795	0.64%	Jan 2022	776.25 - 787.5
MB-STE-0445	Steel hot-rolled coil (CR grade) import, cfr main port India, $/tonne	28 Jan 2022	785 - 795	0.32%	Jan 2022	781.25 - 788.75
MB-STE-0442	Steel hot-rolled coil (commodity) export, fob main port India, $/tonne	28 Jan 2022	790 - 830	4.52%	Jan 2022	743.75 - 773.75
MB-STE-0436	Steel hot-rolled coil domestic, ex-whse India, rupees/tonne	28 Jan 2022	64500 - 65750	0.97%	Jan 2022	64125 - 65187.5
MB-STE-0158	Steel hot-rolled coil domestic, exw Northern China, yuan/tonne	28 Jan 2022	4820 - 4830	0.94%	Jan 2022	4750 - 4767.5
MB-STE-0144	Steel hot-rolled coil index export, fob main port China, $/tonne	28 Jan 2022	770.61	0.00%	Jan 2022	760.81
MB-STE-0154	Steel hot-rolled coil domestic, ex-whs Eastern China, yuan/tonne	28 Jan 2022	4920 - 4950	0.00%	Jan 2022	4912.63 - 4937.89
MB-STE-0139	Steel hot-rolled coil import, cfr Vietnam, $/tonne	28 Jan 2022	800 - 830	7.95%	Jan 2022	762.5 - 777.5
MB-STE-0888	Steel hot-rolled coil (Japan, Korea, Taiwan-origin), import, cfr Vietnam, $/tonne	28 Jan 2022	850	7.59%	Jan 2022	797.5 - 798.75
MB-STE-0125	Steel hot-rolled coil import, cfr Jebel Ali, UAE, $/tonne	01 Feb 2022	770 - 810	0.00%	Jan 2022	756.25 - 791.25
MB-STE-0113	Steel hot-rolled coil import, cfr Saudi Arabia, $/tonne	01 Feb 2022	820 - 840	0.00%	Jan 2022	812.5 - 835

Cold-rolled steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0005	Steel cold-rolled coil domestic monthly, exw Brazil, reais/tonne	14 Jan 2022	6500 - 6590	-0.68%	Jan 2022	6500 - 6590
MB-STE-0012	Steel cold-rolled coil export, fob Black Sea, CIS, $/tonne	31 Jan 2022	880 - 900	0.00%	Jan 2022	889 - 903

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0026	Steel cold-rolled coil domestic, exw Northern Europe, €/tonne	02 Feb 2022	1060 - 1080	-2.06%	Jan 2022	1051.25 - 1085
MB-STE-0027	Steel cold-rolled coil domestic, exw Southern Europe, €/tonne	02 Feb 2022	1030 - 1060	0.48%	Jan 2022	1010 - 1062.5
MB-STE-0044	Steel cold-rolled coil import, cfr main port Northern Europe, €/tonne	02 Feb 2022	890 - 910	1.69%	Jan 2022	877.5 - 905
MB-STE-0045	Steel cold-rolled coil import, cfr main port Southern Europe, €/tonne	02 Feb 2022	905 - 910	1.97%	Jan 2022	875 - 900
MB-STE-0064	Steel cold-rolled sheet domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	31 Jan 2022	86000	2.38%	Jan 2022	83600 - 85200
MB-STE-0103	Steel cold-rolled coil import, cfr main ports South America, $/tonne	28 Jan 2022	940 - 980	1.86%	Jan 2022	936.25 - 970
MB-STE-0106	Steel cold-rolled coil import, cfr main port Turkey, $/tonne	28 Jan 2022	985 - 990	3.13%	Jan 2022	950 - 955
MB-STE-0109	Steel cold-rolled coil domestic, exw Turkey, $/tonne	28 Jan 2022	1100	7.06%	Jan 2022	1012.5 - 1026.25
MB-STE-0124	Steel cold-rolled coil import, cfr Jebel Ali, UAE, $/tonne	01 Feb 2022	870 - 910	0.00%	Jan 2022	870 - 910
MB-STE-0132	Steel cold-rolled coil export, fob main port Latin America, $/tonne	28 Jan 2022	890 - 920	0.00%	Jan 2022	915 - 940
MB-STE-0145	Steel cold-rolled coil export, fob China main port, $/tonne	25 Jan 2022	850 - 860	1.48%	Jan 2022	846.25 - 857.5
MB-STE-0153	Steel cold-rolled coil domestic, delivered Eastern China domestic, yuan/tonne	28 Jan 2022	5500 - 5540	1.75%	Jan 2022	5432.5 - 5472.5
MB-STE-0181	Steel cold-rolled coil, import, ddp Houston, $/short ton	02 Feb 2022	1340 - 1400	-5.84%	Jan 2022	1420 - 1490
MB-STE-0185	Steel cold-rolled coil, fob mill US, $/cwt	27 Jan 2022	91	-3.19%	Jan 2022	95.25
MB-STE-0435	Steel cold-rolled coil domestic, ex-whse India, rupees/tonne	28 Jan 2022	68500 - 70500	0.72%	Jan 2022	68500 - 69750
MB-STE-0443	Steel cold-rolled coil import, cfr main port India, $/tonne	28 Jan 2022	815 - 820	-0.61%	Jan 2022	813.75 - 820
MB-STE-0469	Steel cold-rolled coil, fob mill US, $/short ton	27 Jan 2022	1820	-3.19%	Jan 2022	

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	27 Jan 2022	88	0.00%	Jan 2022	88
MB-STE-0780	Steel hot-dipped galvanized export, fob Turkey, $/tonne	28 Jan 2022	1160 - 1180	8.33%	Jan 2022	1088.75 - 1117.5
MB-STE-0434	Steel hot-dipped galvanized coil domestic, ex-whse India, rupees/tonne	28 Jan 2022	75500 - 77000	0.00%	Jan 2022	74750 - 76500
MB-STE-0470	Steel hot-dipped galvanized (base) steel coil, fob mill US, $/short ton	27 Jan 2022	1790	-2.72%	Jan 2022	
MB-STE-0031	Steel hot-dipped galvanized coil domestic, exw Southern Europe, €/tonne	02 Feb 2022	1070 - 1100	2.84%	Jan 2022	1022.5 - 1075
MB-STE-0104	Steel hot-dipped galvanized coil import, cfr main ports South America, $/tonne	28 Jan 2022	1000 - 1060	3.00%	Jan 2022	995 - 1040
MB-STE-0091	Steel hot-dipped galvanized coil import, cfr main port Northern Europe, €/tonne	02 Feb 2022	1010 - 1030	4.62%	Jan 2022	970 - 980
MB-STE-0021	Steel hot-dipped galvanized coil domestic, ex-whs Eastern China, yuan/tonne	28 Jan 2022	5720 - 5750	1.06%	Jan 2022	5662.5 - 5712.5
MB-STE-0110	Steel hot-dipped galvanized coil domestic, exw Turkey, $/tonne	28 Jan 2022	1130 - 1160	6.51%	Jan 2022	1076.25 - 1112.5
MB-STE-0048	Steel hot-dipped galvanized coil import, cfr main port Southern Europe, €/tonne	02 Feb 2022	1000 - 1020	5.21%	Jan 2022	927.5 - 955
MB-STE-0030	Steel hot-dipped galvanized coil domestic, exw Northern Europe, €/tonne	02 Feb 2022	1080 - 1150	-0.45%	Jan 2022	1067.5 - 1112.5
MB-STE-0123	Steel hot-dipped-galvanized coil import, cfr Jebel Ali, UAE, $/tonne	01 Feb 2022	1080 - 1170	0.00%	Jan 2022	1076.25 - 1147.5
MB-STE-0186	Steel hot-dipped galvanized coil (cold-rolled base), fob mill US, $/cwt	27 Jan 2022	89.5	-2.72%	Jan 2022	93.75
MB-STE-0006	Steel hot-dipped galvanized coil domestic monthly, exw Brazil, reais/tonne	14 Jan 2022	8055 - 8250	-1.03%	Jan 2022	8055 - 8250

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0441	Steel hot-dipped galvanized coil export, fob main port India, $/tonne	28 Jan 2022	1110 - 1130	12.56%	Jan 2022	1005 - 1022.5
MB-STE-0182	Steel hot-dipped galvanized 0.012 inch G30, ddp Houston, $/short ton	02 Feb 2022	1640 - 1700	0.00%	Jan 2022	1640 - 1700
MB-STE-0212	Steel hot-dipped galvanized coil 0.03-0.13 inch G90 (cold-rolled base), fob mill US, $/cwt	27 Jan 2022	94	-2.59%	Jan 2022	98.25
MB-STE-0009	Steel galvanized coil 1mm export, fob main port China, $/tonne	25 Jan 2022	900 - 920	1.06%	Jan 2022	897.75 - 917.5
MB-STE-0111	Steel prepainted galvanized domestic, exw Turkey, $/tonne	28 Jan 2022	1300 - 1325	11.70%	Jan 2022	1193.75 - 1231.25
MB-STE-0187	Steel coil Galvalume, fob mill US, $/cwt	18 Jan 2022	82.5	-10.81%	Jan 2022	82.5
MB-STE-0850	Steel coil Galvalume import, cfr main ports South America, $/tonne	28 Jan 2022	1180 - 1220	3.00%	Jan 2022	1157.5 - 1195

Steel plate prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0013	Steel heavy plate 8-50mm export, fob Black Sea, CIS, $/tonne	31 Jan 2022	815 - 825	0.00%	Jan 2022	824 - 831
MB-STE-0034	Steel domestic plate 8-40mm, exw Northern Europe, €/tonne	02 Feb 2022	1000 - 1020	3.59%	Jan 2022	955 - 990
MB-STE-0035	Steel domestic plate 8-40mm, exw Southern Europe, €/tonne	02 Feb 2022	870 - 900	1.72%	Jan 2022	842.5 - 862.5
MB-STE-0049	Steel plate (8-40mm) import, cfr main port Northern Europe, €/tonne	02 Feb 2022	840 - 850	0.60%	Jan 2022	825 - 845
MB-STE-0050	Steel plate (8-40mm) import, cfr main port Southern Europe, €/tonne	02 Feb 2022	830 - 860	0.60%	Jan 2022	820 - 850
MB-STE-0101	Steel plate import, cfr main ports South America, $/tonne	28 Jan 2022	890 - 920	0.56%	Jan 2022	885 - 913.75
MB-STE-0134	Steel heavy plate (thicker than 10mm) export, fob main port Latin America, $/tonne	28 Jan 2022	810 - 830	0.00%	Jan 2022	820 - 838.75
MB-STE-0146	Steel heavy plate export, fob China main port, $/tonne	25 Jan 2022	780 - 815	2.24%	Jan 2022	773.75 - 796.25
MB-STE-0155	Steel plate domestic, delivered whs Eastern China, yuan/tonne	28 Jan 2022	4980 - 5050	0.91%	Jan 2022	4962.5 - 5002.5
MB-STE-0172	Steel cut-to-length plate carbon grade, fob mill US, $/cwt	28 Jan 2022	90.75	0.00%	Jan 2022	90.75
MB-STE-0179	Steel medium plate, import, ddp Houston, $/short ton	02 Feb 2022	1450 - 1500	0.00%	Jan 2022	1450 - 1500
MB-STE-0437	Steel heavy plate domestic, ex-whse India, rupees/tonne	28 Jan 2022	62500 - 64500	0.00%	Jan 2022	62500 - 64500
MB-STE-0439	Steel heavy plate 12-40mm export, fob main port India, $/tonne	28 Jan 2022	840 - 850	1.20%	Jan 2022	797.5 - 807.5
MB-STE-0446	Steel heavy plate 10-40mm import, cfr main port India, $/tonne	28 Jan 2022	775 - 785	0.00%	Jan 2022	771.25 - 781.25
MB-STE-0467	Steel cut-to-length plate carbon grade, fob mill US, $/short ton	28 Jan 2022	1815	0.00%	Jan 2022	
MB-STE-0514	Steel plate domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	31 Jan 2022	85000 - 86000	3.01%	Jan 2022	81800 - 84000

Reinforcing bar (rebar) prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0008	Steel reinforcing bar (rebar) domestic monthly, delivered Brazil, reais/tonne	14 Jan 2022	4440 - 4780	3.83%	Jan 2022	4440 - 4780
MB-STE-0015	Steel reinforcing bar (rebar) export, fob Black Sea, CIS, $/tonne	31 Jan 2022	720 - 740	2.46%	Jan 2022	696 - 733
MB-STE-0036	Steel reinforcing bar (rebar) domestic, delivered Northern Europe, €/tonne	02 Feb 2022	825 - 860	-0.30%	Jan 2022	825 - 857.5
MB-STE-0037	Steel reinforcing bar (rebar) domestic, delivered Southern Europe, €/tonne	02 Feb 2022	820 - 850	-0.60%	Jan 2022	805 - 836.25
MB-STE-0051	Steel reinforcing bar (rebar) import, cfr main EU port Northern Europe, €/tonne	02 Feb 2022	740 - 760	-0.66%	Jan 2022	727.5 - 772.5
MB-STE-0052	Steel reinforcing bar (rebar) import, cfr main EU port Southern Europe, €/tonne	02 Feb 2022	720 - 740	-0.68%	Jan 2022	705 - 730

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0066	Steel reinforcing bar (rebar) domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	31 Jan 2022	65000	1.56%	Jan 2022	63400 - 65000
MB-STE-0073	Steel reinforcing bar (rebar) export, fob main port Southern Europe, €/tonne	02 Feb 2022	780 - 800	0.00%	Jan 2022	767.5 - 790
MB-STE-0092	Steel reinforcing bar (rebar) domestic, exw Poland, zloty/tonne	28 Jan 2022	3900 - 3920	-0.38%	Jan 2022	3825 - 3905
MB-STE-0112	Steel reinforcing bar (rebar) domestic, exw Egypt, E£/tonne	27 Jan 2022	14900 - 15000	0.00%	Jan 2022	14900 - 15000
MB-STE-0119	Steel reinforcing bar (rebar) export, fob main port Turkey, $/tonne	27 Jan 2022	700 - 715	0.00%	Jan 2022	695 - 707.5
MB-STE-0126	Steel reinforcing bar (rebar) domestic, exw UAE, dirhams/tonne	01 Feb 2022	2400 - 2450	0.00%	Jan 2022	2410.75 - 2455
MB-STE-0127	Steel reinforcing bar (rebar) import, cfr Jebel Ali, UAE, $/tonne	01 Feb 2022	660 - 680	0.00%	Jan 2022	652.75 - 666.75
MB-STE-0142	Steel reinforcing bar (rebar) import, cfr Singapore, $/tonne	31 Jan 2022	740 - 745	1.02%	Jan 2022	720 - 724
MB-STE-0147	Steel reinforcing bar (rebar) index export, fob China main port, $/tonne	25 Jan 2022	756.42	0.78%	Jan 2022	747.58
MB-STE-0152	Steel reinforcing bar (rebar) domestic, ex-whs Eastern China, yuan/tonne	28 Jan 2022	4730 - 4750	0.53%	Jan 2022	4695.26 - 4733.68
MB-STE-0162	Steel reinforcing bar (rebar) domestic, ex-whs Northern China, yuan/tonne	28 Jan 2022	4800 - 4840	2.12%	Jan 2022	4645 - 4692.5
MB-STE-0170	Steel reinforcing bar (rebar), fob mill US, $/cwt	02 Feb 2022	51.5	0.00%	Jan 2022	51.5
MB-STE-0171	Steel reinforcing bar (rebar), import, loaded truck Port of Houston for immediate delivery, $/short ton	02 Feb 2022	940 - 970	0.00%	Jan 2022	955 - 985
MB-STE-0438	Steel rebar domestic, exw India, rupees/tonne	28 Jan 2022	50500 - 50700	4.12%	Jan 2022	48450 - 48650
MB-STE-0465	Steel reinforcing bar (rebar), fob mill US, $/short ton	02 Feb 2022	1030	0.00%	Jan 2022	
MB-STE-0784	Steel reinforcing bar (rebar) domestic, exw Turkey, lira/tonne	27 Jan 2022	11000 - 11300	-0.45%	Jan 2022	11037.5 - 11300

Wire rod prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0017	Steel wire rod (mesh quality) export, fob Black Sea, CIS, $/tonne	31 Jan 2022	770 - 800	-3.38%	Jan 2022	765 - 812
MB-STE-0042	Steel wire rod (mesh quality) domestic, delivered Northern Europe, €/tonne	02 Feb 2022	850 - 870	0.00%	Jan 2022	842.5 - 861.25
MB-STE-0043	Steel wire rod (mesh quality) domestic, delivered Southern Europe, €/tonne	02 Feb 2022	820 - 850	-0.60%	Jan 2022	810 - 837.5
MB-STE-0053	Steel wire rod (mesh quality) import, main port Northern Europe, €/tonne	02 Feb 2022	780 - 800	0.00%	Jan 2022	775 - 795
MB-STE-0054	Steel wire rod (mesh quality) import, main port Southern Europe, €/tonne	02 Feb 2022	750 - 780	0.00%	Jan 2022	755 - 777.5
MB-STE-0074	Steel wire rod export, fob main port Southern Europe, €/tonne	02 Feb 2022	800 - 840	0.00%	Jan 2022	795 - 822.5
MB-STE-0120	Steel wire rod (mesh quality) export, fob main port Turkey, $/tonne	27 Jan 2022	810 - 815	2.20%	Jan 2022	795 - 803.75
MB-STE-0130	Steel wire rod (mesh quality) export, fob main port Latin America, $/tonne	28 Jan 2022	750 - 800	0.00%	Jan 2022	750 - 800
MB-STE-0143	Steel wire rod (low carbon) import, cfr Southeast Asia, $/tonne	31 Jan 2022	745	0.00%	Jan 2022	728 - 730
MB-STE-0148	Steel wire rod (mesh quality) export, fob China main port, $/tonne	25 Jan 2022	770 - 775	4.75%	Jan 2022	746.25 - 751.25
MB-STE-0164	Steel wire rod (mesh quality) domestic, ex-whs Eastern China, yuan/tonne	28 Jan 2022	4720 - 4760	0.00%	Jan 2022	4710 - 4745
MB-STE-0192	Steel wire rod (low carbon) industrial quality, fob mill US, $/cwt	18 Jan 2022	64 - 69	0.00%	Jan 2022	64 - 69
MB-STE-0193	Steel wire rod (high carbon), fob mill US, $/cwt	18 Jan 2022	73	0.00%	Jan 2022	73

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0194	Steel wire rod cold-heading quality, ddp, $/cwt	18 Jan 2022	75	0.00%	Jan 2022	75
MB-STE-0195	Steel wire rod (low carbon) import, loaded truck Port of Houston for immediate delivery, $/short ton	18 Jan 2022	1120 - 1220	-4.88%	Jan 2022	1120 - 1220
MB-STE-0785	Steel wire rod (mesh quality) domestic, exw Turkey, lira/tonne	27 Jan 2022	13000 - 13500	0.00%	Jan 2022	13000 - 13500
MB-STE-0891	Steel wire rod (drawing quality), domestic, delivered Poland, zloty/tonne	28 Jan 2022	3950 - 4000	0.00%	Jan 2022	3937.5 - 4000

Steel beams, sections & bar prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FE-0001	Steel merchant bar export, fob main port Turkey, $/tonne	27 Jan 2022	775 - 785	0.00%	Jan 2022	770 - 777.5
MB-STE-0020	Steel hollow sections ASTM A500 Grade B domestic, fob mill US, $/short ton	27 Jan 2022	2050 - 2100	-2.35%	Jan 2022	2131.25 - 2176.25
MB-STE-0024	Steel beams domestic, delivered Northern Europe, €/tonne	02 Feb 2022	1080 - 1100	0.46%	Jan 2022	1055 - 1077.5
MB-STE-0025	Steel beams domestic, delivered Southern Europe, €/tonne	02 Feb 2022	1080 - 1100	0.46%	Jan 2022	1055 - 1075
MB-STE-0038	Steel sections (medium) domestic, delivered Northern Europe, €/tonne	02 Feb 2022	1065 - 1120	0.23%	Jan 2022	1067.5 - 1127.5
MB-STE-0039	Steel sections (medium) domestic, delivered Southern Europe, €/tonne	02 Feb 2022	1065 - 1120	0.69%	Jan 2022	1065 - 1127.5
MB-STE-0161	Steel sections domestic, ex-whs Eastern China, yuan/tonne	28 Jan 2022	4750 - 4800	0.00%	Jan 2022	4737.5 - 4787.5
MB-STE-0199	Steel bar 2 x 2 x 1/4-inch angle merchant products, fob mill US, $/cwt	28 Jan 2022	60.8	0.00%	Jan 2022	60.8
MB-STE-0200	Steel bar 3 x 3 x 1/4-inch angle merchant products, fob mill US, $/cwt	28 Jan 2022	61.25	0.00%	Jan 2022	61.25
MB-STE-0201	Steel bar 8 x 11.5-inch channels merchant products, fob mill US, $/cwt	28 Jan 2022	60.5	0.00%	Jan 2022	60.5
MB-STE-0202	Steel bar 1/2 x 4-inch flat merchant products, fob mill US, $/cwt	28 Jan 2022	61	0.00%	Jan 2022	61
MB-STE-0203	Steel merchant bar, loaded truck Port of Houston for immediate delivery, $/short ton	28 Jan 2022	1180 - 1220	0.00%	Jan 2022	1180 - 1220
MB-STE-0204	Steel bar cold-finished 1-inch round 4140 (alloy), fob mill US, $/cwt	21 Jan 2022	111.75	-0.22%	Jan 2022	111.75
MB-STE-0205	Steel bar cold-finished 1-inch round 1018 (carbon), fob mill US, $/cwt	21 Jan 2022	90	-1.10%	Jan 2022	90
MB-STE-0206	Steel bar cold-finished 1-inch round 12L14 (carbon), fob mill US, $/cwt	21 Jan 2022	105	-0.94%	Jan 2022	105
MB-STE-0207	Steel bar hot-rolled special bar quality (SBQ) 1-inch round 4100 series (alloy), fob mill US, $/cwt	21 Jan 2022	78.5	-3.68%	Jan 2022	78.5
MB-STE-0208	Steel bar hot-rolled special bar quality (SBQ) 1-inch round 1000 series (carbon), fob mill US, $/cwt	21 Jan 2022	67.5	-3.57%	Jan 2022	67.5
MB-STE-0209	Steel beams 8 x 8-inch, fob mill US, $/cwt	27 Jan 2022	70.5	0.00%	Jan 2022	70.5
MB-STE-0210	Steel beams medium sections, loaded truck Port of Houston for immediate delivery, $/short ton	27 Jan 2022	1220 - 1260	-9.16%	Jan 2022	1282.5 - 1322.5
MB-STE-0851	Steel hollow sections ASTM 500 Grade B import, ddp US port of entry, $/short ton	25 Jan 2022	1800 - 1850	-2.67%	Jan 2022	1800 - 1850

Steel billet prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0782	Steel billet export, fob ports Iran, $/tonne	02 Feb 2022	560	1.36%	Jan 2022	547 - 552.5
MB-STE-0558	Steel billet index export, fob Black Sea, CIS, $/tonne	02 Feb 2022	665	0.91%	Jan 2022	620.5
MB-STE-0516	Steel billet import, cfr main port Egypt, $/tonne	27 Jan 2022	670 - 690	1.49%	Jan 2022	658.75 - 670
MB-STE-0433	Steel billet domestic, exw India, rupees/tonne	28 Jan 2022	47800 - 48000	4.36%	Jan 2022	45650 - 45825
MB-STE-0440	Steel billet export, fob main port India, $/tonne	28 Jan 2022	620 - 625	2.47%	Jan 2022	600 - 606.25

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0141	Steel billet import, cfr Manila, $/tonne	31 Jan 2022	660 - 665	0.00%	Jan 2022	634.76 - 639.52
MB-STE-0157	Steel billet domestic, exw Tangshan, Northern China, yuan/tonne	28 Jan 2022	4480	0.00%	Jan 2022	4392.63
MB-STE-0890	Steel billet, import, cfr China, $/tonne	28 Jan 2022	645 - 650	1.97%	Jan 2022	621.88 - 630.63
MB-STE-0116	Steel billet import, cfr main port Turkey, $/tonne	27 Jan 2022	655 - 675	2.31%	Jan 2022	638.75 - 653.75
MB-STE-0117	Steel billet export, fob main port Turkey, $/tonne	27 Jan 2022	665 - 670	0.00%	Jan 2022	660 - 665
MB-STE-0115	Steel billet domestic, exw Turkey, $/tonne	27 Jan 2022	665 - 670	0.00%	Jan 2022	660 - 666.25
MB-STE-0128	Steel billet export, fob main port Latin America, $/tonne	28 Jan 2022	600 - 610	0.00%	Jan 2022	600 - 610
MB-STE-0122	Steel billet import, cfr Jebel Ali, UAE, $/tonne	01 Feb 2022	650 - 660	6.50%	Jan 2022	585 - 622.5

Steel slab prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0781	Steel slab export, fob ports Iran, $/tonne	02 Feb 2022	560	0.00%	Jan 2022	562
MB-STE-0566	Steel slab export, fob main port Brazil, $/tonne	28 Jan 2022	630 - 640	1.60%	Jan 2022	610 - 625
MB-STE-0140	Steel slab import, cfr Southeast Asia/East Asia, $/tonne	31 Jan 2022	675 - 685	4.62%	Jan 2022	643 - 649
MB-STE-0016	Steel slab export, fob Black Sea, CIS, $/tonne	31 Jan 2022	650 - 665	2.73%	Jan 2022	609 - 623

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	25 Jan 2022	2000 - 2050	-4.71%	Jan 2022	2000 - 2050
MB-STE-0023	Steel ERW standard pipe A53 Grade B, fob mill US, $/short ton	25 Jan 2022	2125 - 2175	-3.37%	Jan 2022	2125 - 2175
MB-STE-0056	Steel ERW standard pipe A53 Grade A import, cif Houston, $/short ton	25 Jan 2022	1850 - 1900	-2.60%	Jan 2022	1850 - 1900
MB-STE-0057	Steel ERW standard pipe A53 Grade B import, cif Houston, $/short ton	25 Jan 2022	1925 - 1975	-1.27%	Jan 2022	1925 - 1975
MB-STE-0059	Steel seamless line pipe - API 5LB import, cif Houston, $/short ton	11 Jan 2022	2525 - 2705	0.00%	Jan 2022	2525 - 2705
MB-STE-0062	Steel seamless OCTG API 5CT - Casing P110, import, cif Houston, $/short ton	11 Jan 2022	1825 - 1925	0.00%	Jan 2022	1825 - 1925
MB-STE-0063	Steel OCTG API 5CT - Casing J55, fob mill US, $/short ton	11 Jan 2022	2250 - 2350	0.00%	Jan 2022	2250 - 2350
MB-STE-0071	Steel seamless OCTG API 5CT - Casing P110, fob mill US, $/short ton	11 Jan 2022	2250 - 2350	0.00%	Jan 2022	2250 - 2350
MB-STE-0090	Steel welded mechanical tubing ASTM A513, fob mill US, $/short ton	25 Jan 2022	2175 - 2225	-4.86%	Jan 2022	2175 - 2225
MB-STE-0166	Steel structural pipe export S235JR grade EN10219 2mm wall thickness, fob main port Turkey, $/tonne	12 Jan 2022	910 - 920	-2.92%	Jan 2022	910 - 920
MB-STE-0545	Steel ERW line pipe (X52), fob mill US, $/short ton	11 Jan 2022	2425 - 2475	0.00%	Jan 2022	2425 - 2475
MB-STE-0561	Steel ERW line pipe (X65), fob mill US, $/short ton	11 Jan 2022	2550 - 2600	0.00%	Jan 2022	2550 - 2600
MB-STE-0564	Steel welded OCTG API 5CT - Casing P110, fob mill US, $/short ton	11 Jan 2022	2200 - 2300	0.00%	Jan 2022	2200 - 2300
MB-STE-0565	Steel welded OCTG API 5CT - Casing P110, import, cif Houston, $/short ton	11 Jan 2022	1900 - 1950	0.00%	Jan 2022	1900 - 1950
MB-STE-0869	Steel OCTG API 5CT - Casing J55 import South Korean-made, cif Houston, $/short ton	11 Jan 2022	1750 - 1800	0.00%	Jan 2022	1750 - 1800
MB-STE-0870	Steel OCTG API 5CT - Casing J55 import non-South Korean-made, cif Houston, $/short ton	11 Jan 2022	1800 - 1850	0.00%	Jan 2022	1800 - 1850
MB-STE-0871	Steel ERW line pipe (X52) import South Korean-made, cif Houston, $/short ton	11 Jan 2022	1700 - 1800	0.00%	Jan 2022	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	11 Jan 2022	2135 - 2235	0.00%	Jan 2022	2135 - 2235
MB-STE-0873	Steel ERW line pipe (X70), fob mill US, $/short ton	11 Jan 2022	2600 - 2650	0.00%	Jan 2022	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	28 Jan 2022	4450 - 4500	0.00%	Jan 2022	4425 - 4500
MB-STS-0035	Stainless steel 304 cold-rolled sheet, fob mill US, $/cwt	10 Jan 2022	205	2.50%	Jan 2022	205
MB-STS-0034	Stainless steel 304L cold-rolled sheet, fob mill US, $/cwt	10 Jan 2022	209	2.45%	Jan 2022	209
MB-STS-0037	Stainless steel 316L cold-rolled sheet, fob mill US, $/cwt	10 Jan 2022	282	1.44%	Jan 2022	282
MB-STS-0005	Stainless steel bright bar grade 304 base price domestic, delivered Europe, €/tonne	28 Jan 2022	1050 - 1100	0.00%	Jan 2022	1050 - 1100
MB-STS-0004	Stainless steel bright bar grade 304 alloy surcharge domestic, Europe, €/tonne	28 Jan 2022	3364 - 3570	0.00%	Jan 2022	3271.25 - 3510
MB-STS-0282	Stainless steel cold-rolled coil 2mm grade 304 export, fob China, $/tonne	26 Jan 2022	2900 - 3010	0.68%	Jan 2022	2875 - 2977.5
MB-STS-0018	Stainless steel cold-rolled coil, Asia grade 304 (2mm 2B), cif East Asian port, $/tonne	26 Jan 2022	2900 - 3000	0.00%	Jan 2022	2910 - 2995
MB-STS-0015	Stainless steel cold-rolled coil 2mm grade 304 domestic, ex-whs China, yuan/tonne	26 Jan 2022	18300 - 18500	2.22%	Jan 2022	17775 - 17950
MB-STS-0016	Stainless steel cold-rolled coil 2mm grade 430 domestic, ex-whs China, yuan/tonne	26 Jan 2022	9450 - 9500	0.00%	Jan 2022	9375 - 9425
MB-STS-0283	Stainless steel hot-rolled coil grade 304 export, fob China, $/tonne	26 Jan 2022	3000 - 3050	1.00%	Jan 2022	2937.5 - 2990
MB-STS-0280	Stainless steel hot-rolled coil Asia grade 304, cif port East Asia, $/tonne	26 Jan 2022	2780 - 2840	0.00%	Jan 2022	2710 - 2760
MB-STS-0001	Stainless steel cold-rolled sheet 316 2mm alloy surcharge domestic, Europe, €/tonne	28 Jan 2022	3643 - 3669	0.00%	Jan 2022	3618.75 - 3649
MB-STS-0002	Stainless steel cold-rolled sheet base price 316 2mm domestic, delivered Europe, €/tonne	28 Jan 2022	2100 - 2200	0.00%	Jan 2022	2140 - 2240
MB-STS-0006	Stainless steel cold-rolled sheet 2mm grade 304 alloy surcharge domestic, Europe, €/tonne	28 Jan 2022	2421 - 2427	0.00%	Jan 2022	2392.75 - 2411
MB-STS-0007	Stainless steel cold-rolled sheet 2mm grade 304 base price domestic, delivered Northern Europe, €/tonne	28 Jan 2022	1900 - 2000	0.00%	Jan 2022	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	31 Jan 2022	146.78	-0.43%	Jan 2022	132.05
MB-IRO-0009	Iron ore 65% Fe Brazil-origin fines, cfr Qingdao, $/tonne	31 Jan 2022	178.3	-0.17%	Jan 2022	159.89
MB-IRO-0010	Iron ore 63% Fe Australia-origin lump ore premium, cfr Qingdao, US cents/dmtu	31 Jan 2022	31.5	0.00%	Jan 2022	27.81
MB-IRO-0011	Iron ore 62% Fe fines, fot Qingdao, yuan/wet tonne	31 Jan 2022	944	0.00%	Jan 2022	863
MB-IRO-0012	Iron ore 65% Fe blast furnace pellet, cfr Qingdao, $/tonne	28 Jan 2022	223.13	5.45%	Jan 2022	212.19
MB-IRO-0013	Iron ore 66% Fe concentrate, cfr Qingdao, $/tonne	28 Jan 2022	177.86	8.11%	Jan 2022	165.32
MB-IRO-0015	Iron ore 58% Fe fines, cfr Qingdao, $/tonne	31 Jan 2022	91.99	0.00%	Jan 2022	79.55
MB-IRO-0016	Iron ore 58% Fe fines high-grade premium, cfr Qingdao, $/tonne	31 Jan 2022	33.5	1.52%	Jan 2022	26.95
MB-IRO-0017	Iron ore 58% Fe fines high-grade premium index, cfr Qingdao, $/tonne	31 Jan 2022	125.49	0.40%	Jan 2022	106.5
MB-IRO-0018	Iron ore 62% Fe fines, % Fe VIU, cfr Qingdao, $/tonne	31 Jan 2022	2.42	4.76%	Jan 2022	2.17
MB-IRO-0019	Iron ore 65% Fe fines, % Fe VIU, cfr Qingdao $/tonne	31 Jan 2022	3.41	7.57%	Jan 2022	2.93
MB-IRO-0020	Iron ore 62% Fe fines, % Si VIU, cfr Qingdao, $/tonne	31 Jan 2022	(4.95)		Jan 2022	(5.35)
MB-IRO-0021	Iron ore 62% Fe fines, % Al2O3 VIU, cfr Qingdao, $/tonne	31 Jan 2022	(7.63)		Jan 2022	(6.7)
MB-IRO-0022	Iron ore 62% Fe fines, fot Qingdao, $/tonne conversion	31 Jan 2022	137.64	0.00%	Jan 2022	125.59
MB-IRO-0024	Iron ore 62% Fe fines, 0.01% P VIU, cfr Qingdao, $/tonne	31 Jan 2022	(0.65)		Jan 2022	(0.76)
MB-IRO-0077	Iron ore DR-grade pellet premium to 65% Fe fines index, Middle East reference, $/tonne	31 Jan 2022	58	16.00%	Jan 2022	58
MB-IRO-0144	Iron ore 62% Fe low-alumina fines, cfr Qingdao, $/tonne	31 Jan 2022	153.29	-0.44%	Jan 2022	135.64
MB-IRO-0177	Iron ore pellet premium over 65% Fe fines, cfr China, $/tonne	28 Jan 2022	54.8	0.00%	Jan 2022	54.8

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	24 Jan 2022	2675 - 3040	0.00%	Jan 2022	2608.33 - 3000
MB-COA-0002	Hard coking coal, cfr Jingtang, $/dmt	31 Jan 2022	360.68	0.00%	Jan 2022	346.46
MB-COA-0003	Premium hard coking coal, fob DBCT, $/dmt	31 Jan 2022	442.3	-0.14%	Jan 2022	409.69
MB-COA-0004	Hard coking coal, fob DBCT, $/dmt	31 Jan 2022	390.21	0.00%	Jan 2022	355.89
MB-COA-0005	Premium hard coking coal, cfr Jingtang, $/dmt	31 Jan 2022	405.28	0.00%	Jan 2022	385.13
MB-COA-0006	Coke 65% CSR, fob China, $/tonne	25 Jan 2022	560 - 580	-5.39%	Jan 2022	563.75 - 582.5
MB-COA-0007	PCI low-vol, cfr Jingtang, $/dmt	28 Jan 2022	283.74	-1.20%	Jan 2022	272
MB-COA-0008	PCI low-vol, fob DBCT, $/dmt	28 Jan 2022	295.1	1.72%	Jan 2022	270.09

Pig iron, DRI & HBI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FE-0002	Hot-briquetted iron export, fob main port Venezuela, $/tonne	28 Jan 2022	350 - 360	0.00%	Jan 2022	355 - 367.5
MB-FE-0003	Hot-briquetted iron, fob New Orleans, $/tonne	31 Jan 2022	490 - 520	0.00%	Jan 2022	490 - 520
MB-FE-0004	Hot-briquetted iron, cfr Italian ports, $/tonne	27 Jan 2022	480 - 500	**1.03%**	Jan 2022	485 - 495
MB-FEN-0001	Nickel pig iron, high-grade NPI content 10-15%, contract, ddp China, yuan/nickel unit price	28 Jan 2022	1390 - 1420	**2.55%**	Jan 2022	1347.5 - 1372.5
MB-FEN-0002	Nickel pig iron, high-grade NPI content 10-15%, spot, ddp China, yuan/nickel unit price	28 Jan 2022	1390 - 1420	**0.72%**	Jan 2022	1355 - 1387.5
MB-FEN-0004	Pig iron foundry grade, Brazil, fob New Orleans, $/tonne	31 Jan 2022	710 - 740	0.00%	Jan 2022	710 - 740
MB-IRO-0001	Pig iron export, fob main port Baltic Sea, CIS, $/tonne	27 Jan 2022	560 - 570	**2.73%**	Jan 2022	552.5 - 555
MB-IRO-0002	Pig iron export, fob main port Black Sea, CIS, $/tonne	27 Jan 2022	510 - 525	**1.97%**	Jan 2022	497.5 - 510
MB-IRO-0004	Pig iron import, cfr Gulf of Mexico, US, $/tonne	28 Jan 2022	540 - 550	**0.46%**	Jan 2022	535 - 543.75
MB-IRO-0005	Pig iron export, fob port of Vitoria/Rio, Brazil, $/tonne	28 Jan 2022	500 - 505	0.00%	Jan 2022	496.25 - 498.75
MB-IRO-0006	Pig iron export, fob Ponta da Madeira, Brazil, $/tonne	28 Jan 2022	520 - 530	**0.96%**	Jan 2022	517.5 - 522.5
MB-IRO-0014	Pig iron import, cfr Italy, $/tonne	27 Jan 2022	540 - 555	**2.34%**	Jan 2022	532.5 - 545
MB-IRO-0023	Direct reduced iron domestic, exw India, rupees/tonne	28 Jan 2022	36300 - 36500	**3.12%**	Jan 2022	34675 - 34875
MB-IRO-0078	Pig iron basic grade, Brazil, fob New Orleans, $/tonne	31 Jan 2022	540 - 570	0.00%	Jan 2022	544 - 574
MB-IRO-0079	Pig iron basic grade, Ukraine/Russia, fob New Orleans, $/tonne	31 Jan 2022	540 - 570	0.00%	Jan 2022	544 - 574
MB-IRO-0178	Pig iron, import, cfr China, $/tonne	20 Jan 2022	535 - 545	**0.93%**	Jan 2022	532.5 - 542.5

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	10 Jan 2022	400	-11.11%	Jan 2022	400
MB-STE-0214	Steel scrap No2 heavy melt, consumer buying price, delivered mill Alabama, $/gross ton	10 Jan 2022	390	-11.36%	Jan 2022	390
MB-STE-0216	Steel scrap No1 busheling, consumer buying price, delivered mill Alabama, $/gross ton	10 Jan 2022	515	-10.43%	Jan 2022	515
MB-STE-0215	Steel scrap No1 bundles, consumer buying price, delivered mill Alabama, $/gross ton	10 Jan 2022	507	-10.58%	Jan 2022	507
MB-STE-0218	Steel scrap machine shop turnings, consumer buying price, delivered mill Alabama, $/gross ton	10 Jan 2022	325	-13.33%	Jan 2022	325
MB-STE-0217	Steel scrap shredded auto scrap, consumer buying price, delivered mill Alabama, $/gross ton	10 Jan 2022	468	-9.65%	Jan 2022	468
MB-STE-0219	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Alabama, $/gross ton	10 Jan 2022	445	-10.10%	Jan 2022	445
MB-STE-0220	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Alabama, $/gross ton	10 Jan 2022	420	-10.64%	Jan 2022	420

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	11 Jan 2022	415	-12.63%	Jan 2022	415
MB-STE-0224	Steel scrap No1 busheling, consumer buying price, delivered mill Arkansas/Tenn, $/gross ton	11 Jan 2022	550	-9.84%	Jan 2022	550
MB-STE-0222	Steel scrap No1 bundles, consumer buying price, delivered mill Arkansas/Tenn, $/gross ton	11 Jan 2022	545	-9.92%	Jan 2022	545
MB-STE-0223	Steel scrap No2 bundles, consumer buying price, delivered mill Arkansas/Tenn, $/gross ton	11 Jan 2022	392	-13.27%	Jan 2022	392
MB-STE-0226	Steel scrap machine shop turnings, consumer buying price, delivered mill Arkansas/Tenn, $/gross ton	11 Jan 2022	320	-13.51%	Jan 2022	320
MB-STE-0225	Steel scrap shredded auto scrap, consumer buying price, delivered mill Arkansas/Tenn, $/gross ton	11 Jan 2022	465	-11.43%	Jan 2022	465
MB-STE-0227	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Arkansas/Tenn, $/gross ton	11 Jan 2022	435	-12.12%	Jan 2022	435

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	10 Jan 2022	366	-12.02%	Jan 2022	366
MB-STE-0341	Steel scrap No1 busheling, dealer selling price, fob dealer yard Atlanta, $/gross ton	10 Jan 2022	463	-10.62%	Jan 2022	463
MB-STE-0343	Steel scrap machine shop turnings, dealer selling price, fob dealer yard Atlanta, $/gross ton	10 Jan 2022	220	-18.52%	Jan 2022	220

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0342	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard Atlanta, $/gross ton	10 Jan 2022	406	-10.96%	Jan 2022	406
MB-STE-0344	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard Atlanta, $/gross ton	10 Jan 2022	376	-11.74%	Jan 2022	376

Bajio

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0553	Steel scrap No1 heavy melt, consumer buying price, delivered mill Bajio, $/tonne	01 Feb 2022	427	-1.16%	Jan 2022	410.75
MB-STE-0551	Steel scrap No1 busheling, consumer buying price, delivered mill Bajio, $/tonne	01 Feb 2022	519	-1.14%	Jan 2022	531.75
MB-STE-0552	Steel scrap No1 busheling, consumer buying price, delivered mill Bajio, peso/tonne	01 Feb 2022	10700	0.00%	Jan 2022	10875
MB-STE-0549	Steel scrap machine shop turnings, consumer buying price, delivered mill Bajio, $/tonne	01 Feb 2022	385	1.85%	Jan 2022	356.5
MB-STE-0550	Steel scrap machine shop turnings, consumer buying price, delivered mill Bajio, peso/tonne	01 Feb 2022	7950	3.25%	Jan 2022	7287.5
MB-STE-0556	Steel scrap shredded auto scrap, consumer buying price, delivered mill Bajio, peso/tonne	01 Feb 2022	10750	0.00%	Jan 2022	10737.5
MB-STE-0547	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Bajio, $/tonne	01 Feb 2022	485	-1.02%	Jan 2022	478.75
MB-STE-0548	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Bajio, peso/tonne	01 Feb 2022	10000	0.00%	Jan 2022	9800
MB-STE-0554	Steel scrap No1 heavy melt, consumer buying price, delivered mill Bajio, peso/tonne	01 Feb 2022	8800	0.00%	Jan 2022	8400
MB-STE-0555	Steel scrap shredded auto scrap, consumer buying price, delivered mill Bajio, $/tonne	01 Feb 2022	521	-1.14%	Jan 2022	524.75

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	31 Jan 2022	340	0.00%	Jan 2022	343
MB-STE-0367	Steel scrap No2 bundles, export yard buying price, delivered to yard Boston, $/gross ton	31 Jan 2022	260	0.00%	Jan 2022	263
MB-STE-0370	Steel scrap auto bodies, export yard buying price, delivered to yard Boston, $/gross ton	31 Jan 2022	225	0.00%	Jan 2022	225
MB-STE-0369	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Boston, $/gross ton	31 Jan 2022	340	0.00%	Jan 2022	343
MB-STE-0368	Steel scrap mixed cast, export yard buying price, delivered to yard Boston, $/gross ton	31 Jan 2022	325	0.00%	Jan 2022	328
MB-STE-0371	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Boston, $/gross ton	31 Jan 2022	350	0.00%	Jan 2022	353

Chicago

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0228	Steel scrap No1 heavy melt, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	410	-14.58%	Jan 2022	410

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0232	Steel scrap No1 busheling, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	520	-10.34%	Jan 2022	520
MB-STE-0230	Steel scrap No1 bundles, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	525	-10.26%	Jan 2022	525
MB-STE-0248	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	420	-12.50%	Jan 2022	420
MB-STE-0231	Steel scrap No2 bundles, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	270	-20.59%	Jan 2022	270
MB-STE-0234	Steel scrap machine shop turnings, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	270	-18.18%	Jan 2022	270
MB-STE-0233	Steel scrap shredded auto scrap, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	480	-11.11%	Jan 2022	480
MB-STE-0578	Steel scrap low-residual, ductile-quality shredded clips, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	682	-8.09%	Jan 2022	682
MB-STE-0241	Steel scrap unstripped motor blocks, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	504	-9.03%	Jan 2022	504
MB-STE-0235	Steel scrap cast iron borings, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	300	-18.92%	Jan 2022	300
MB-STE-0239	Steel scrap cupola cast, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	559	-8.21%	Jan 2022	559
MB-STE-0240	Steel scrap clean auto cast, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	622	-7.44%	Jan 2022	622
MB-STE-0242	Steel scrap heavy breakable cast, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	502	-9.06%	Jan 2022	502
MB-STE-0243	Steel scrap drop broken machinery cast, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	537	-8.52%	Jan 2022	537
MB-STE-0238	Steel scrap foundry steel 2ft max, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	484	-11.03%	Jan 2022	484
MB-STE-0244	Steel scrap rail crops 2ft max, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	553	-8.29%	Jan 2022	553
MB-STE-0246	Steel scrap steel car wheels, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	485	-11.01%	Jan 2022	485
MB-STE-0577	Steel scrap low-residual, black foundry busheling, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	682	-8.09%	Jan 2022	682
MB-STE-0236	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	584	-7.89%	Jan 2022	584
MB-STE-0237	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	445	-11.88%	Jan 2022	445
MB-STE-0579	Steel scrap low-alloy punchings, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	702	-7.87%	Jan 2022	702
MB-STE-0229	Steel scrap No2 heavy melt, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	395	-15.05%	Jan 2022	395

Cincinnati

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0249	Steel scrap No1 heavy melt, consumer buying price, delivered mill Cincinnati, $/gross ton	10 Jan 2022	400	-13.04%	Jan 2022	400
MB-STE-0251	Steel scrap No1 busheling, consumer buying price, delivered mill Cincinnati, $/gross ton	10 Jan 2022	515	-10.43%	Jan 2022	515

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0250	Steel scrap No1 bundles, consumer buying price, delivered mill Cincinnati, $/gross ton	10 Jan 2022	515	-10.43%	Jan 2022	515
MB-STE-0253	Steel scrap machine shop turnings, consumer buying price, delivered mill Cincinnati, $/gross ton	10 Jan 2022	227	-20.91%	Jan 2022	227
MB-STE-0252	Steel scrap shredded auto scrap, consumer buying price, delivered mill Cincinnati, $/gross ton	10 Jan 2022	445	-11.88%	Jan 2022	445
MB-STE-0254	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Cincinnati, $/gross ton	10 Jan 2022	425	-12.37%	Jan 2022	425

Cleveland

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0255	Steel scrap No1 heavy melt, consumer buying price, delivered mill Cleveland, $/gross ton	10 Jan 2022	420	-12.50%	Jan 2022	420
MB-STE-0257	Steel scrap No1 busheling, consumer buying price, delivered mill Cleveland, $/gross ton	10 Jan 2022	580	-9.38%	Jan 2022	580
MB-STE-0256	Steel scrap No1 bundles, consumer buying price, delivered mill Cleveland, $/gross ton	10 Jan 2022	580	-9.38%	Jan 2022	580
MB-STE-0269	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Cleveland, $/gross ton	10 Jan 2022	410	-12.77%	Jan 2022	410
MB-STE-0259	Steel scrap machine shop turnings, consumer buying price, delivered mill Cleveland, $/gross ton	10 Jan 2022	245	-19.67%	Jan 2022	245
MB-STE-0258	Steel scrap shredded auto scrap, consumer buying price, delivered mill Cleveland, $/gross ton	10 Jan 2022	470	-11.32%	Jan 2022	470
MB-STE-0260	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Cleveland, $/gross ton	10 Jan 2022	440	-12.00%	Jan 2022	440
MB-STE-0653	Steel scrap punchings and plate, broker buying price, fob Cleveland, $/gross ton	10 Jan 2022	725	-7.05%	Jan 2022	725

Detroit

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0272	Steel scrap No1 busheling, consumer buying price, delivered mill Detroit, $/gross ton	10 Jan 2022	495	-10.81%	Jan 2022	495
MB-STE-0271	Steel scrap No1 bundles, consumer buying price, delivered mill Detroit, $/gross ton	10 Jan 2022	485	-11.01%	Jan 2022	485
MB-STE-0279	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Detroit, $/gross ton	10 Jan 2022	370	-13.95%	Jan 2022	370
MB-STE-0274	Steel scrap machine shop turnings, consumer buying price, delivered mill Detroit, $/gross ton	10 Jan 2022	145	-29.27%	Jan 2022	145
MB-STE-0273	Steel scrap shredded auto scrap, consumer buying price, delivered mill Detroit, $/gross ton	10 Jan 2022	460	-11.54%	Jan 2022	460
MB-STE-0277	Steel scrap cupola cast, consumer buying price, delivered mill Detroit, $/gross ton	10 Jan 2022	395	-13.19%	Jan 2022	395
MB-STE-0278	Steel scrap clean auto cast, consumer buying price, delivered mill Detroit, $/gross ton	10 Jan 2022	435	-12.12%	Jan 2022	435
MB-STE-0276	Steel scrap foundry steel 2ft max, consumer buying price, delivered mill Detroit, $/gross ton	10 Jan 2022	410	-12.77%	Jan 2022	410
MB-STE-0275	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Detroit, $/gross ton	10 Jan 2022	420	-12.50%	Jan 2022	420
MB-STE-0270	Steel scrap No1 heavy melt, consumer buying price, delivered mill Detroit, $/gross ton	10 Jan 2022	405	-12.90%	Jan 2022	405

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	11 Jan 2022	339	-18.12%	Jan 2022	339
MB-STE-0335	Steel scrap No1 busheling, consumer buying price, delivered mill Hamilton, Canadian $/net ton	11 Jan 2022	531	-12.38%	Jan 2022	531
MB-STE-0334	Steel scrap No1 bundles, consumer buying price, delivered mill Hamilton, Canadian $/net ton	11 Jan 2022	545	-12.10%	Jan 2022	545
MB-STE-0336	Steel scrap shredded auto scrap, consumer buying price, delivered mill Hamilton, Canadian $/net ton	11 Jan 2022	543	-12.14%	Jan 2022	543
MB-STE-0337	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Hamilton, Canadian $/net ton	11 Jan 2022	362	-17.16%	Jan 2022	362

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	11 Jan 2022	225	-21.05%	Jan 2022	225
MB-STE-0351	Steel scrap No1 busheling, dealer selling price, fob dealer yard Houston, $/gross ton	11 Jan 2022	342	-14.93%	Jan 2022	342
MB-STE-0405	Steel scrap No1 busheling, consumer buying price trend, delivered mill Houston, $/gross ton	11 Jan 2022	(60)		Jan 2022	(60)
MB-STE-0353	Steel scrap machine shop turnings, dealer selling price, fob dealer yard Houston, $/gross ton	11 Jan 2022	145	-29.27%	Jan 2022	145
MB-STE-0352	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard Houston, $/gross ton	11 Jan 2022	275	-17.91%	Jan 2022	275
MB-STE-0354	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard Houston, $/gross ton	11 Jan 2022	260	-18.75%	Jan 2022	260
MB-STE-0408	Steel scrap cut structural/plate 5ft max, consumer buying price trend, delivered mill Houston, $/gross ton	11 Jan 2022	(60)		Jan 2022	(60)
MB-STE-0404	Steel scrap No1 heavy melt, consumer buying price trend, delivered mill Houston, $/gross ton	11 Jan 2022	(60)		Jan 2022	(60)
MB-STE-0407	Steel scrap machine shop turnings, consumer buying price trend, delivered mill Houston, $/gross ton	11 Jan 2022	(60)		Jan 2022	(60)
MB-STE-0406	Steel scrap shredded auto scrap, consumer buying price trend, delivered mill Houston, $/gross ton	11 Jan 2022	(60)		Jan 2022	(60)

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	31 Jan 2022	265	0.00%	Jan 2022	265
MB-STE-0425	Steel scrap HMS 1&2 (80:20), export index, fob Los Angeles, $/tonne	02 Feb 2022	454	0.00%	Jan 2022	453.25
MB-STE-0374	Steel scrap No1 busheling, export yard buying price, delivered to yard Los Angeles, $/gross ton	31 Jan 2022	275	0.00%	Jan 2022	275
MB-STE-0373	Steel scrap No2 bundles, export yard buying price, delivered to yard Los Angeles, $/gross ton	31 Jan 2022	165	0.00%	Jan 2022	165
MB-STE-0375	Steel scrap machine shop turnings, export yard buying price, delivered to yard Los Angeles, $/gross ton	31 Jan 2022	60	0.00%	Jan 2022	60

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0378	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Los Angeles, $/gross ton	31 Jan 2022	275	0.00%	Jan 2022	275

Midwest

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0424	Steel scrap No1 heavy melt, index, delivered Midwest mill, $/gross ton	10 Jan 2022	423.92	-11.70%	Jan 2022	423.92
MB-STE-0882	Steel scrap No1 busheling, indicator, delivered Midwest mill, $/gross ton	02 Feb 2022	510	0.00%	Jan 2022	546.5
MB-STE-0422	Steel scrap No1 busheling, index, delivered Midwest mill, $/gross ton	10 Jan 2022	542.33	-10.18%	Jan 2022	542.33
MB-STE-0423	Steel scrap shredded, index, delivered Midwest mill, $/gross ton	10 Jan 2022	481.39	-10.88%	Jan 2022	481.39
MB-STE-0787	Steel scrap shredder feed, fob Midwest, $/gross ton	31 Jan 2022	190.93	0.00%	Jan 2022	196.92

Monterrey

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0533	Steel scrap No1 heavy melt, consumer buying price, delivered mill Monterrey, $/tonne	01 Feb 2022	390	1.30%	Jan 2022	363
MB-STE-0534	Steel scrap No1 heavy melt, consumer buying price, delivered mill Monterrey, peso/tonne	01 Feb 2022	8050	2.55%	Jan 2022	7425
MB-STE-0539	Steel scrap No1 busheling, consumer buying price, delivered mill Monterrey, $/tonne	01 Feb 2022	538	2.48%	Jan 2022	529.25
MB-STE-0540	Steel scrap No1 busheling, consumer buying price, delivered mill Monterrey, peso/tonne	01 Feb 2022	11100	3.74%	Jan 2022	10825
MB-STE-0541	Steel scrap machine shop turnings, consumer buying price, delivered mill Monterrey, $/tonne	01 Feb 2022	354	9.26%	Jan 2022	322.75
MB-STE-0542	Steel scrap machine shop turnings, consumer buying price, delivered mill Monterrey, peso/tonne	01 Feb 2022	7300	10.61%	Jan 2022	6600
MB-STE-0535	Steel scrap shredded auto scrap, consumer buying price, delivered mill Monterrey, $/tonne	01 Feb 2022	528	-0.38%	Jan 2022	528
MB-STE-0536	Steel scrap shredded auto scrap, consumer buying price, delivered mill Monterrey, peso/tonne	01 Feb 2022	10900	0.93%	Jan 2022	10800
MB-STE-0537	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Monterrey, $/tonne	01 Feb 2022	524	1.35%	Jan 2022	505.75
MB-STE-0538	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Monterrey, peso/tonne	01 Feb 2022	10800	2.37%	Jan 2022	10350

Montreal

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0789	Steel scrap No1 heavy melting, consumer buying price, fob Montreal, Canadian $/net ton	13 Jan 2022	365	-16.09%	Jan 2022	365
MB-STE-0790	Steel scrap No1 busheling, consumer buying price, fob Montreal, Canadian $/net ton	13 Jan 2022	487	-12.57%	Jan 2022	487
MB-STE-0848	Steel scrap No2 bundles, consumer buying price, fob Montreal, Canadian $/net ton	13 Jan 2022	300	-13.04%	Jan 2022	300
MB-STE-0792	Steel scrap machine shop turnings, consumer buying price, fob Montreal, Canadian $/net ton	13 Jan 2022	295	-19.18%	Jan 2022	295

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0793	Steel scrap cut structural/plate 5ft max, consumer buying price, fob Montreal, Canadian $/net ton	13 Jan 2022	405	-14.74%	Jan 2022	405

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	31 Jan 2022	360	0.00%	Jan 2022	363
MB-STE-0418	Steel scrap HMS 1&2 (80:20), export index, fob New York, $/tonne	02 Feb 2022	435	0.00%	Jan 2022	426.63
MB-STE-0380	Steel scrap No2 bundles, export yard buying price, delivered to yard New York, $/gross ton	31 Jan 2022	310	0.00%	Jan 2022	313
MB-STE-0381	Steel scrap machine shop turnings, export yard buying price, delivered to yard New York, $/gross ton	31 Jan 2022	255	0.00%	Jan 2022	258
MB-STE-0419	Steel scrap shredded scrap, export index, fob New York, $/tonne	02 Feb 2022	455	0.00%	Jan 2022	438.13
MB-STE-0384	Steel scrap auto bodies, export yard buying price, delivered to yard New York, $/gross ton	31 Jan 2022	340	0.00%	Jan 2022	343
MB-STE-0383	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard New York, $/gross ton	31 Jan 2022	375	0.00%	Jan 2022	378
MB-STE-0382	Steel scrap mixed cast, export yard buying price, delivered to yard New York, $/gross ton	31 Jan 2022	355	0.00%	Jan 2022	358
MB-STE-0385	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard New York, $/gross ton	31 Jan 2022	370	0.00%	Jan 2022	373

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	10 Jan 2022	410	-10.87%	Jan 2022	410
MB-STE-0281	Steel scrap No1 busheling, consumer buying price, delivered mill North Carolina/Virginia, $/gross ton	10 Jan 2022	500	-9.09%	Jan 2022	500
MB-STE-0283	Steel scrap machine shop turnings, consumer buying price, delivered mill North Carolina/Virginia, $/gross ton	10 Jan 2022	325	-13.33%	Jan 2022	325
MB-STE-0282	Steel scrap, shredded auto scrap, consumer buying price, delivered mill North Carolina/Virginia, $/gross ton	10 Jan 2022	440	-10.20%	Jan 2022	440
MB-STE-0284	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill North Carolina/Virginia, $/gross ton	10 Jan 2022	420	-10.64%	Jan 2022	420

Philadelphia

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0285	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	395	-10.23%	Jan 2022	395
MB-STE-0386	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Philadelphia, $/gross ton	31 Jan 2022	365	0.00%	Jan 2022	366
MB-STE-0288	Steel scrap No1 busheling, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	505	-8.18%	Jan 2022	505
MB-STE-0286	Steel scrap No1 bundles, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	505	-8.18%	Jan 2022	505

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0287	Steel scrap No2 bundles, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	355	-11.25%	Jan 2022	355
MB-STE-0387	Steel scrap No2 bundles, export yard buying price, delivered to yard Philadelphia, $/gross ton	31 Jan 2022	290	0.00%	Jan 2022	291
MB-STE-0290	Steel scrap machine shop turnings, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	275	-17.91%	Jan 2022	275
MB-STE-0289	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	470	-8.74%	Jan 2022	470
MB-STE-0390	Steel scrap auto bodies, export yard buying price, delivered to yard Philadelphia, $/gross ton	31 Jan 2022	330	0.00%	Jan 2022	331
MB-STE-0297	Steel scrap unstripped motor blocks, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	415	-9.78%	Jan 2022	415
MB-STE-0389	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Philadelphia, $/gross ton	31 Jan 2022	360	0.00%	Jan 2022	361
MB-STE-0295	Steel scrap cupola cast, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	410	-9.89%	Jan 2022	410
MB-STE-0296	Steel scrap clean auto cast, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	405	-10.00%	Jan 2022	405
MB-STE-0298	Steel scrap heavy breakable cast, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	361	-11.08%	Jan 2022	361
MB-STE-0299	Steel scrap drop broken machinery, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	466	-8.81%	Jan 2022	466
MB-STE-0300	Steel scrap rail crops 2ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	530	-7.83%	Jan 2022	530
MB-STE-0301	Steel scrap random rails, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	505	-8.18%	Jan 2022	505
MB-STE-0291	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	520	-7.96%	Jan 2022	520
MB-STE-0292	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	415	-9.78%	Jan 2022	415
MB-STE-0293	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	405	-10.00%	Jan 2022	405
MB-STE-0391	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Philadelphia, $/gross ton	31 Jan 2022	375	0.00%	Jan 2022	376

Pittsburgh

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0303	Steel scrap No1 heavy melt, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	415	-12.63%	Jan 2022	415
MB-STE-0306	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	550	-9.84%	Jan 2022	550
MB-STE-0304	Steel scrap No1 bundles, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	531	-10.15%	Jan 2022	531
MB-STE-0305	Steel scrap No2 bundles, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	329	-15.42%	Jan 2022	329
MB-STE-0307	Steel scrap No1 industrial bundles, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	557	-9.72%	Jan 2022	557
MB-STE-0321	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	320	-15.79%	Jan 2022	320

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0309	Steel scrap machine shop turnings, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	315	-16.00%	Jan 2022	315
MB-STE-0308	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	470	-11.32%	Jan 2022	470
MB-STE-0310	Steel scrap cast iron borings, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	270	-18.18%	Jan 2022	270
MB-STE-0388	Steel scrap mixed cast, export yard buying price, delivered to yard Philadelphia, $/gross ton	31 Jan 2022	365	0.00%	Jan 2022	366
MB-STE-0311	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	465	-11.43%	Jan 2022	465
MB-STE-0312	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	445	-11.88%	Jan 2022	445
MB-STE-0598	Steel scrap punchings and plate, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	777	-6.61%	Jan 2022	777

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	10 Jan 2022	(28)		Jan 2022	(28)
MB-STE-0411	Steel scrap machine shop turnings, consumer buying price trend, delivered mill Seattle/Portland, $/gross ton	10 Jan 2022	(28)		Jan 2022	(28)
MB-STE-0410	Steel scrap shredded auto scrap, consumer buying price trend, delivered mill Seattle/Portland, $/gross ton	10 Jan 2022	(28)		Jan 2022	(28)
MB-STE-0412	Steel scrap cut structural/plate 5ft max, consumer buying price trend, delivered mill Seattle/Portland, $/gross ton	10 Jan 2022	(28)		Jan 2022	(28)

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	10 Jan 2022	410	-10.87%	Jan 2022	410
MB-STE-0323	Steel scrap No1 busheling, consumer buying price, delivered mill South Carolina, $/gross ton	10 Jan 2022	500	-9.09%	Jan 2022	500
MB-STE-0324	Steel scrap shredded auto scrap, consumer buying price, delivered mill South Carolina, $/gross ton	10 Jan 2022	440	-10.20%	Jan 2022	440
MB-STE-0326	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill South Carolina, $/gross ton	10 Jan 2022	420	-10.64%	Jan 2022	420
MB-STE-0325	Steel scrap machine shop turnings, consumer buying price, delivered mill South Carolina, $/gross ton	10 Jan 2022	325	-13.33%	Jan 2022	325

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	11 Jan 2022	338	-15.08%	Jan 2022	338
MB-STE-0357	Steel scrap No1 busheling, dealer selling price, fob dealer yard St Louis, $/gross ton	11 Jan 2022	488	-10.95%	Jan 2022	488
MB-STE-0356	Steel scrap No1 bundles, dealer selling price, fob dealer yard St Louis, $/gross ton	11 Jan 2022	488	-10.95%	Jan 2022	488

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0359	Steel scrap machine shop turnings, dealer selling price, fob dealer yard St Louis, $/gross ton	11 Jan 2022	210	-20.75%	Jan 2022	210
MB-STE-0358	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard St Louis, $/gross ton	11 Jan 2022	401	-13.02%	Jan 2022	401
MB-STE-0360	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard St Louis, $/gross ton	11 Jan 2022	353	-14.53%	Jan 2022	353

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	28 Jan 2022	410	0.00%	Jan 2022	
MB-STE-0529	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, $/gross ton, weekly composite	28 Jan 2022	395	0.00%	Jan 2022	
MB-STE-0530	Steel scrap No1 heavy melt, consumer buying price, delivered mill Pittsburgh, $/gross ton, weekly composite	28 Jan 2022	415	0.00%	Jan 2022	
MB-STE-0531	Steel scrap No1 heavy melt, consumer buying price, delivered mill, $/gross ton, weekly composite	28 Jan 2022	406.67	0.00%	Jan 2022	
MB-STE-0524	Steel scrap No1 busheling, consumer buying price, delivered mill Chicago, $/gross ton, weekly composite	28 Jan 2022	520	0.00%	Jan 2022	
MB-STE-0525	Steel scrap No1 busheling, consumer buying price, delivered mill Cleveland, $/gross ton, weekly composite	28 Jan 2022	580	0.00%	Jan 2022	
MB-STE-0526	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, $/gross ton, weekly composite	28 Jan 2022	550	0.00%	Jan 2022	
MB-STE-0527	Steel scrap No1 busheling, consumer buying price, delivered mill, $/gross ton, weekly composite	28 Jan 2022	550	0.00%	Jan 2022	
MB-STE-0427	Steel scrap Shredded auto, daily composite, delivered mill US, $/gross ton	02 Feb 2022	472	0.00%	Jan 2022	485.44
MB-STE-0519	Steel scrap shredded auto scrap, consumer buying price, delivered mill Alabama, $/gross ton, weekly composite	28 Jan 2022	468	0.00%	Jan 2022	
MB-STE-0520	Steel scrap shredded auto scrap, consumer buying price, delivered mill Chicago, $/gross ton, weekly composite	28 Jan 2022	480	0.00%	Jan 2022	
MB-STE-0521	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, $/gross ton, weekly composite	28 Jan 2022	470	0.00%	Jan 2022	
MB-STE-0522	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, $/gross ton, weekly composite	28 Jan 2022	470	0.00%	Jan 2022	
MB-STE-0523	Steel scrap shredded auto scrap, consumer buying price, delivered mill, $/gross ton, weekly composite	28 Jan 2022	472	0.00%	Jan 2022	
MB-STE-0426	Steel scrap No1 heavy melt, daily composite, delivered mill US, $/gross ton	02 Feb 2022	406.67	0.00%	Jan 2022	421.25
MB-STE-0428	Steel scrap No1 busheling, daily composite, delivered mill US, $/gross ton	02 Feb 2022	550	0.00%	Jan 2022	565

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	31 Jan 2022	216.09	0.00%	Jan 2022	217.93
MB-STE-0787	Steel scrap shredder feed, fob Midwest, $/gross ton	31 Jan 2022	190.93	0.00%	Jan 2022	196.92
MB-STE-0788	Steel scrap shredder feed, fob Southeast, $/gross ton	31 Jan 2022	166.98	0.00%	Jan 2022	170.75

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	01 Feb 2022	26 - 27	0.00%	Jan 2022	29 - 30
MB-STS-0056	Stainless steel scrap 430 bundles, export yard buying price, delivered to yard Boston, $/gross ton	01 Feb 2022	582 - 605	0.00%	Jan 2022	649.5 - 672

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	01 Feb 2022	1501 - 1792	3.55%	Jan 2022	1478 - 1702
MB-STS-0063	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Chicago, US cents/lb	01 Feb 2022	67 - 80	3.52%	Jan 2022	66 - 76
MB-STS-0190	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, US cents/lb	01 Feb 2022	95 - 100	0.00%	Jan 2022	94 - 96.75
MB-STS-0068	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, $/gross ton	01 Feb 2022	2128 - 2240	0.00%	Jan 2022	2105.5 - 2167.25
MB-STS-0186	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Chicago, $/gross ton	01 Feb 2022	1635 - 1904	3.27%	Jan 2022	1568 - 1859
MB-STS-0064	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Chicago, US cents/lb	01 Feb 2022	73 - 85	3.27%	Jan 2022	70 - 83
MB-STS-0189	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, US cents/lb	01 Feb 2022	101 - 105	0.00%	Jan 2022	100 - 102.25
MB-STS-0067	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, $/gross ton	01 Feb 2022	2262 - 2352	-0.02%	Jan 2022	2240 - 2290.5
MB-STS-0184	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Chicago, $/gross ton	01 Feb 2022	1635 - 1904	3.27%	Jan 2022	1568 - 1859
MB-STS-0062	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	01 Feb 2022	73 - 85	3.27%	Jan 2022	70 - 83
MB-STS-0191	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, US cents/lb	01 Feb 2022	37 - 38	0.00%	Jan 2022	36 - 38.5
MB-STS-0069	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, $/gross ton	01 Feb 2022	829 - 851	0.00%	Jan 2022	806.25 - 862.5
MB-STS-0187	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Chicago, $/gross ton	01 Feb 2022	560 - 627	8.20%	Jan 2022	515 - 582
MB-STS-0065	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Chicago, US cents/lb	01 Feb 2022	25 - 28	8.16%	Jan 2022	23 - 26
MB-STS-0192	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Chicago, US cents/lb	01 Feb 2022	30 - 34	4.92%	Jan 2022	30.25 - 33.25
MB-STS-0070	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Chicago, $/gross ton	01 Feb 2022	672 - 762	4.98%	Jan 2022	677.5 - 744.75
MB-STS-0194	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Chicago, US cents/lb	01 Feb 2022	26 - 28	1.89%	Jan 2022	26 - 29.5
MB-STS-0072	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Chicago, $/gross ton	01 Feb 2022	582 - 627	1.85%	Jan 2022	582.25 - 660.5
MB-STS-0193	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Chicago, US cents/lb	01 Feb 2022	31 - 33	0.00%	Jan 2022	31 - 34
MB-STS-0071	Stainless steel scrap 409 bundles, broker buying price, delivered to processor Chicago, $/gross ton	01 Feb 2022	694 - 739	0.00%	Jan 2022	694 - 761.5

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0183	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Chicago, $/gross ton	01 Feb 2022	2173 - 2733	1.41%	Jan 2022	2374 - 2464
MB-STS-0061	Stainless steel scrap 316 solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Feb 2022	97 - 122	1.39%	Jan 2022	106 - 110
MB-STS-0066	Stainless steel scrap 316 solids, broker buying price, delivered to processor Chicago, $/gross ton	01 Feb 2022	3091 - 3248	1.80%	Jan 2022	2945.5 - 3096.75
MB-STS-0188	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Chicago, US cents/lb	01 Feb 2022	138 - 145	1.80%	Jan 2022	131.5 - 138.25

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	01 Feb 2022	896 - 1680	-14.81%	Jan 2022	1456 - 1568
MB-STS-0202	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Cleveland, US cents/lb	01 Feb 2022	95 - 100	0.00%	Jan 2022	94 - 96.75
MB-STS-0201	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Cleveland, US cents/lb	01 Feb 2022	102 - 105	0.49%	Jan 2022	99.5 - 102.25
MB-STS-0079	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Cleveland, $/gross ton	01 Feb 2022	2285 - 2352	0.48%	Jan 2022	2228.75 - 2290.5
MB-STS-0196	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Cleveland, $/gross	01 Feb 2022	1120 - 1792	-10.34%	Jan 2022	1568 - 1680
MB-STS-0074	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Cleveland, US cents/lb	01 Feb 2022	50 - 80	-10.34%	Jan 2022	70 - 75
MB-STS-0075	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Cleveland, US cents/lb	01 Feb 2022	40 - 75	-14.81%	Jan 2022	65 - 70
MB-STS-0080	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Cleveland, $/gross ton	01 Feb 2022	2128 - 2240	0.00%	Jan 2022	2105.5 - 2167.25
MB-STS-0198	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Cleveland, $/gross	01 Feb 2022	1120 - 1792	-10.34%	Jan 2022	1568 - 1680
MB-STS-0076	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Cleveland, US cents/lb	01 Feb 2022	50 - 80	-10.34%	Jan 2022	70 - 75
MB-STS-0199	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Cleveland, $/gross	01 Feb 2022	448 - 582	2.18%	Jan 2022	448 - 560
MB-STS-0077	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Cleveland, US cents/lb	01 Feb 2022	20 - 26	2.22%	Jan 2022	20 - 25
MB-STS-0195	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Cleveland, $/gross	01 Feb 2022	2016 - 2464	0.00%	Jan 2022	2016 - 2464
MB-STS-0200	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Cleveland, US cents/lb	01 Feb 2022	138 - 145	1.80%	Jan 2022	132 - 139
MB-STS-0078	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Cleveland, $/gross ton	01 Feb 2022	3091 - 3248	1.80%	Jan 2022	2956.75 - 3113.5
MB-STS-0073	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Cleveland, US cents/lb	01 Feb 2022	90 - 110	0.00%	Jan 2022	90 - 110

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	01 Feb 2022	1501 - 1568	0.76%	Jan 2022	1478 - 1568

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0083	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Detroit, US cents/lb	01 Feb 2022	67 - 70	0.74%	Jan 2022	66 - 70
MB-STS-0210	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, US cents/lb	01 Feb 2022	95 - 100	0.00%	Jan 2022	94 - 97.5
MB-STS-0088	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, $/gross ton	01 Feb 2022	2128 - 2240	0.00%	Jan 2022	2105.5 - 2184
MB-STS-0206	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Detroit, $/gross ton	01 Feb 2022	1635 - 1658	-1.99%	Jan 2022	1568 - 1792
MB-STS-0084	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Detroit, US cents/lb	01 Feb 2022	73 - 74	-2.00%	Jan 2022	70 - 80
MB-STS-0209	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, US cents/lb	01 Feb 2022	104 - 105	1.46%	Jan 2022	100 - 102.25
MB-STS-0087	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, $/gross ton	01 Feb 2022	2330 - 2352	1.45%	Jan 2022	2240 - 2290.5
MB-STS-0204	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Detroit, $/gross ton	01 Feb 2022	1635 - 1658	-1.99%	Jan 2022	1568 - 1792
MB-STS-0082	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	01 Feb 2022	73 - 74	-2.00%	Jan 2022	70 - 80
MB-STS-0207	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Detroit, $/gross ton	01 Feb 2022	560 - 582	4.01%	Jan 2022	538 - 560
MB-STS-0085	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Detroit, US cents/lb	01 Feb 2022	25 - 26	4.08%	Jan 2022	24 - 25
MB-STS-0211	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Detroit, US cents/lb	01 Feb 2022	37 - 38	4.17%	Jan 2022	34.5 - 38.25
MB-STS-0089	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Detroit, $/gross ton	01 Feb 2022	829 - 851	4.15%	Jan 2022	773 - 857
MB-STS-0212	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Detroit, US cents/lb	01 Feb 2022	31 - 33	1.59%	Jan 2022	30.25 - 33.25
MB-STS-0213	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Detroit, US cents/lb	01 Feb 2022	26 - 28	0.00%	Jan 2022	26.75 - 28.75
MB-STS-0091	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Detroit, $/gross ton	01 Feb 2022	582 - 627	0.00%	Jan 2022	599 - 643.75
MB-STS-0090	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Detroit, $/gross ton	01 Feb 2022	694 - 739	1.56%	Jan 2022	677.5 - 744.75
MB-STS-0208	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Detroit, US cents/lb	01 Feb 2022	138 - 145	1.80%	Jan 2022	132.75 - 138.75
MB-STS-0086	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Detroit, $/gross ton	01 Feb 2022	3091 - 3248	1.80%	Jan 2022	2973.5 - 3108
MB-STS-0203	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Detroit, $/gross ton	01 Feb 2022	2173 - 2218	-11.29%	Jan 2022	2374 - 2576
MB-STS-0081	Stainless steel scrap 316 solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Feb 2022	97 - 99	-11.31%	Jan 2022	106 - 115

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	01 Feb 2022	1635 - 1859	1.96%	Jan 2022	1680 - 1747
MB-STS-0287	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard East Coast, US cents/lb	01 Feb 2022	73 - 83	1.96%	Jan 2022	75 - 78

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0295	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard East Coast, $/gross ton	01 Feb 2022	1635 - 1859	1.96%	Jan 2022	1680 - 1747
MB-STS-0285	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard East Coast, US cents/lb	01 Feb 2022	73 - 83	1.96%	Jan 2022	75 - 78
MB-STS-0286	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard East Coast, US cents/lb	01 Feb 2022	67 - 73	4.48%	Jan 2022	66 - 68
MB-STS-0296	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard East Coast, $/gross ton	01 Feb 2022	1501 - 1635	4.50%	Jan 2022	1478 - 1523
MB-STS-0298	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard East Coast, $/gross ton	01 Feb 2022	582 - 627	14.81%	Jan 2022	493 - 560
MB-STS-0288	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard East Coast, US cents/lb	01 Feb 2022	26 - 28	14.89%	Jan 2022	22 - 25
MB-STS-0294	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard East Coast, $/gross ton	01 Feb 2022	2173 - 2374	-3.79%	Jan 2022	2262 - 2464
MB-STS-0284	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard East Coast, US cents/lb	01 Feb 2022	97 - 106	-3.79%	Jan 2022	101 - 110

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	01 Feb 2022	101 - 104	0.49%	Jan 2022	99.25 - 101.5
MB-STS-0096	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Houston, $/gross ton	01 Feb 2022	2262 - 2330	0.50%	Jan 2022	2223 - 2273.5
MB-STS-0215	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Houston, $/gross ton	01 Feb 2022	1635 - 2016	12.41%	Jan 2022	1568 - 1680
MB-STS-0093	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	01 Feb 2022	73 - 90	12.41%	Jan 2022	70 - 75
MB-STS-0219	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Houston, US cents/lb	01 Feb 2022	94 - 99	0.52%	Jan 2022	92 - 95.5
MB-STS-0097	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Houston, $/gross ton	01 Feb 2022	2106 - 2218	0.53%	Jan 2022	2061 - 2139
MB-STS-0216	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Houston, $/gross ton	01 Feb 2022	1232 - 1904	16.67%	Jan 2022	1232 - 1456
MB-STS-0094	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Houston, US cents/lb	01 Feb 2022	55 - 85	16.67%	Jan 2022	55 - 65
MB-STS-0220	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Houston, US cents/lb	01 Feb 2022	32 - 36	-11.69%	Jan 2022	36 - 37
MB-STS-0098	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Houston, $/gross ton	01 Feb 2022	717 - 806	-11.71%	Jan 2022	806.25 - 829
MB-STS-0221	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Houston, US cents/lb	01 Feb 2022	25 - 28	8.16%	Jan 2022	26.5 - 27.5
MB-STS-0099	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Houston, $/gross ton	01 Feb 2022	560 - 627	8.11%	Jan 2022	593.75 - 616
MB-STS-0214	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Houston, $/gross ton	01 Feb 2022	2240 - 2464	-2.33%	Jan 2022	2397 - 2419
MB-STS-0092	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	01 Feb 2022	100 - 110	-2.33%	Jan 2022	107 - 108
MB-STS-0217	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Houston, US cents/lb	01 Feb 2022	140 - 144	1.79%	Jan 2022	135.25 - 138.25

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0095	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Houston, $/gross ton	01 Feb 2022	3136 - 3226	1.79%	Jan 2022	3029.75 - 3096.75

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	01 Feb 2022	54.69 - 56.92	2.05%	Jan 2022	51.94 - 54.08
MB-STS-0105	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Los Angeles, $/gross ton	01 Feb 2022	1225 - 1275	2.04%	Jan 2022	1163.5 - 1211.25
MB-STS-0226	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Los Angeles, US cents/lb	01 Feb 2022	74.78 - 75.89	1.51%	Jan 2022	71.99 - 73.11
MB-STS-0104	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Los Angeles, $/gross ton	01 Feb 2022	1675 - 1700	1.50%	Jan 2022	1612.5 - 1637.5
MB-STS-0228	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Los Angeles, US cents/lb	01 Feb 2022	16.96 - 17.86	0.00%	Jan 2022	16.63 - 17.52
MB-STS-0106	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Los Angeles, $/gross ton	01 Feb 2022	380 - 400	0.00%	Jan 2022	372.5 - 392.5

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	01 Feb 2022	2016 - 2083	1.11%	Jan 2022	2016 - 2038
MB-STS-0253	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Montreal, Canadian $/gross ton	01 Feb 2022	2285 - 2509	8.63%	Jan 2022	2195 - 2218
MB-STS-0131	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Feb 2022	102 - 112	8.63%	Jan 2022	98 - 99
MB-STS-0130	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Feb 2022	90 - 93	1.11%	Jan 2022	90 - 91
MB-STS-0129	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Feb 2022	102 - 112	8.63%	Jan 2022	98 - 99
MB-STS-0251	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Montreal, Canadian $/gross ton	01 Feb 2022	2285 - 2509	8.63%	Jan 2022	2195 - 2218
MB-STS-0128	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Feb 2022	140 - 149	8.24%	Jan 2022	133 - 134
MB-STS-0250	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Montreal, Canadian $/gross ton	01 Feb 2022	3136 - 3338	8.24%	Jan 2022	2979 - 3002

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	01 Feb 2022	96 - 100	0.51%	Jan 2022	93.5 - 96.5
MB-STS-0114	Stainless steel scrap 304 turnings, broker buying price, delivered to processor New York, $/gross ton	01 Feb 2022	2150 - 2240	0.50%	Jan 2022	2094.25 - 2161.75
MB-STS-0116	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, $/gross ton	01 Feb 2022	1994 - 2016	0.00%	Jan 2022	1949 - 1977

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0238	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, US cents/lb	01 Feb 2022	89 - 90	0.00%	Jan 2022	87 - 88.25
MB-STS-0235	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor New York, US cents/lb	01 Feb 2022	104 - 105	0.97%	Jan 2022	100.25 - 102.5
MB-STS-0113	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor New York, $/gross ton	01 Feb 2022	2330 - 2352	0.97%	Jan 2022	2245.5 - 2296
MB-STS-0237	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, US cents/lb	01 Feb 2022	95 - 96	0.00%	Jan 2022	94.63 - 95.38
MB-STS-0115	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, $/gross ton	01 Feb 2022	2128 - 2150	0.00%	Jan 2022	2119.75 - 2136.25
MB-STS-0239	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, US cents/lb	01 Feb 2022	26 - 27	0.00%	Jan 2022	29 - 30
MB-STS-0117	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, $/gross ton	01 Feb 2022	582 - 605	0.00%	Jan 2022	649.5 - 672
MB-STS-0234	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor New York, US cents/lb	01 Feb 2022	138 - 145	1.80%	Jan 2022	133.5 - 139.25
MB-STS-0112	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor New York, $/gross ton	01 Feb 2022	3091 - 3248	1.80%	Jan 2022	2990.25 - 3119.25

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	01 Feb 2022	89 - 90	0.00%	Jan 2022	87 - 88.25
MB-STS-0119	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Philadelphia, $/gross ton	01 Feb 2022	1994 - 2016	0.00%	Jan 2022	1949 - 1977
MB-STS-0240	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Philadelphia, US cents/lb	01 Feb 2022	95 - 96	0.00%	Jan 2022	94.63 - 95.38
MB-STS-0118	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Philadelphia, $/gross ton	01 Feb 2022	2128 - 2150	0.00%	Jan 2022	2119.75 - 2136.25
MB-STS-0242	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Philadelphia, US cents/lb	01 Feb 2022	26 - 27	0.00%	Jan 2022	29 - 30
MB-STS-0120	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Philadelphia, $/gross ton	01 Feb 2022	582 - 605	0.00%	Jan 2022	649.5 - 672

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	01 Feb 2022	55 - 67	0.00%	Jan 2022	55 - 67
MB-STS-0164	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Pittsburgh, $/gross ton	01 Feb 2022	1232 - 1501	0.00%	Jan 2022	1232 - 1501
MB-STS-0169	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	01 Feb 2022	95 - 100	0.00%	Jan 2022	93.5 - 96.75
MB-STS-0047	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, $/gross ton	01 Feb 2022	2128 - 2240	0.00%	Jan 2022	2094.25 - 2167.25
MB-STS-0256	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Jan 2022	86.4 - 87.3	-0.61%	Jan 2022	86.4 - 87.3
MB-STS-0134	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	1935 - 1956	-0.61%	Jan 2022	1935 - 1956

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0168	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, US cents/lb	01 Feb 2022	102 - 105	0.49%	Jan 2022	99.75 - 102.25
MB-STS-0255	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Jan 2022	95 - 97	-0.78%	Jan 2022	95 - 97
MB-STS-0163	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Pittsburgh, $/gross ton	01 Feb 2022	1008 - 1635	-12.60%	Jan 2022	1344 - 1680
MB-STS-0041	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Feb 2022	45 - 73	-12.59%	Jan 2022	60 - 75
MB-STS-0046	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, $/gross ton	01 Feb 2022	2285 - 2352	0.48%	Jan 2022	2234.25 - 2290.5
MB-STS-0133	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	2128 - 2173	-0.76%	Jan 2022	2128 - 2173
MB-STS-0165	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Pittsburgh, $/gross ton	01 Feb 2022	1008 - 1635	-12.60%	Jan 2022	1344 - 1680
MB-STS-0043	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Feb 2022	45 - 73	-12.59%	Jan 2022	60 - 75
MB-STS-0171	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	01 Feb 2022	31 - 33	-1.54%	Jan 2022	30.25 - 33.25
MB-STS-0049	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Pittsburgh, $/gross ton	01 Feb 2022	694 - 739	-1.58%	Jan 2022	677.5 - 744.75
MB-STS-0257	Stainless steel scrap 430 bundles, solids, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Jan 2022	31.71 - 33.26	-4.89%	Jan 2022	31.71 - 33.26
MB-STS-0170	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, US cents/lb	01 Feb 2022	37 - 38	0.00%	Jan 2022	36 - 38
MB-STS-0048	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, $/gross ton	01 Feb 2022	829 - 851	0.00%	Jan 2022	806.5 - 851.25
MB-STS-0135	Stainless steel scrap 430 bundles, solids, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	710 - 745	-4.90%	Jan 2022	710 - 745
MB-STS-0166	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Pittsburgh, $/gross ton	01 Feb 2022	560 - 582	27.46%	Jan 2022	336 - 560
MB-STS-0044	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Feb 2022	25 - 26	27.50%	Jan 2022	15 - 25
MB-STS-0172	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Pittsburgh, US cents/lb	01 Feb 2022	31 - 33	-1.54%	Jan 2022	31 - 33.25
MB-STS-0258	Stainless steel scrap 409 bundles, solids, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Jan 2022	27.24 - 28.13	-5.66%	Jan 2022	27.24 - 28.13
MB-STS-0136	Stainless steel scrap 409 bundles, solids, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	610 - 630	-5.70%	Jan 2022	610 - 630
MB-STS-0173	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	01 Feb 2022	26 - 28	0.00%	Jan 2022	26.25 - 28.75
MB-STS-0050	Stainless steel scrap 409 bundles, broker buying price, delivered to processor Pittsburgh, $/gross ton	01 Feb 2022	694 - 739	-1.58%	Jan 2022	694.5 - 744.75
MB-STS-0051	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Pittsburgh, $/gross ton	01 Feb 2022	582 - 627	0.00%	Jan 2022	587.75 - 643.75
MB-STS-0167	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Pittsburgh, US cents/lb	01 Feb 2022	138 - 145	1.80%	Jan 2022	132.75 - 139
MB-STS-0254	Stainless steel scrap 316 solids, clips, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Jan 2022	137.5 - 138	-0.36%	Jan 2022	137.5 - 138
MB-STS-0162	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Pittsburgh, $/gross ton	01 Feb 2022	1904 - 2173	-4.21%	Jan 2022	1792 - 2464

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0040	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Feb 2022	85 - 97	-4.21%	Jan 2022	80 - 110
MB-STS-0132	Stainless steel scrap 316 solids, clips, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	3080 - 3091	-0.36%	Jan 2022	3080 - 3091
MB-STS-0045	Stainless steel scrap 316 solids, broker buying price, delivered to processor Pittsburgh, $/gross ton	01 Feb 2022	3091 - 3248	1.80%	Jan 2022	2973.5 - 3113.5

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	01 Feb 2022	54.69 - 56.92	2.05%	Jan 2022	51.9 - 54.13
MB-STS-0126	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard San Francisco, $/gross ton	01 Feb 2022	1225 - 1275	2.04%	Jan 2022	1162.5 - 1212.5
MB-STS-0247	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard San Francisco, US cents/lb	01 Feb 2022	74.78 - 75.89	1.51%	Jan 2022	71.99 - 73.11
MB-STS-0125	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard San Francisco, $/gross ton	01 Feb 2022	1675 - 1700	1.50%	Jan 2022	1612.5 - 1637.5
MB-STS-0249	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard San Francisco, US cents/lb	01 Feb 2022	16.96 - 17.86	0.00%	Jan 2022	16.63 - 17.52
MB-STS-0127	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard San Francisco, $/gross ton	01 Feb 2022	380 - 400	0.00%	Jan 2022	372.5 - 392.5

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	01 Feb 2022	96 - 100	0.51%	Jan 2022	93.5 - 96.75
MB-STS-0139	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Southeast US, $/gross ton	01 Feb 2022	2150 - 2240	0.50%	Jan 2022	2094.25 - 2167.25
MB-STS-0147	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Southeast US, US cents/lb	01 Feb 2022	48 - 67	1.77%	Jan 2022	38 - 75
MB-STS-0159	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Southeast US, $/gross ton	01 Feb 2022	1075 - 1501	1.78%	Jan 2022	851 - 1680
MB-STS-0138	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Southeast US, $/gross ton	01 Feb 2022	2330 - 2352	1.45%	Jan 2022	2240 - 2290.5
MB-STS-0150	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Southeast US, US cents/lb	01 Feb 2022	104 - 105	1.46%	Jan 2022	100 - 102.25
MB-STS-0158	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Southeast US, $/gross ton	01 Feb 2022	1344 - 1635	-1.49%	Jan 2022	1120 - 1904
MB-STS-0146	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Southeast US, US cents/lb	01 Feb 2022	60 - 73	-1.48%	Jan 2022	50 - 85
MB-STS-0145	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Southeast US, US cents/lb	01 Feb 2022	60 - 73	-1.48%	Jan 2022	50 - 85
MB-STS-0157	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Southeast US, $/gross ton	01 Feb 2022	1344 - 1635	-1.49%	Jan 2022	1120 - 1904
MB-STS-0161	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Southeast US, $/gross ton	01 Feb 2022	403 - 582	2.28%	Jan 2022	403 - 560
MB-STS-0155	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Southeast US, US cents/lb	01 Feb 2022	36 - 38	5.71%	Jan 2022	34 - 38.25

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0143	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Southeast US, $/gross ton	01 Feb 2022	806 - 851	5.68%	Jan 2022	761.5 - 857
MB-STS-0144	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Southeast US, $/gross ton	01 Feb 2022	694 - 739	-1.58%	Jan 2022	672 - 744.75
MB-STS-0156	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	01 Feb 2022	31 - 33	-1.54%	Jan 2022	30 - 33.25
MB-STS-0149	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Southeast US, US cents/lb	01 Feb 2022	18 - 26	2.33%	Jan 2022	18 - 25
MB-STS-0154	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	01 Feb 2022	26 - 28	0.00%	Jan 2022	26.25 - 28.75
MB-STS-0142	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Southeast US, $/gross ton	01 Feb 2022	582 - 627	0.00%	Jan 2022	587.75 - 643.75
MB-STS-0141	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Southeast US, $/gross ton	01 Feb 2022	694 - 739	0.00%	Jan 2022	694.25 - 750.5
MB-STS-0153	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Southeast US, US cents/lb	01 Feb 2022	31 - 33	0.00%	Jan 2022	31 - 33.5
MB-STS-0160	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Southeast US, $/gross ton	01 Feb 2022	2038 - 2173	-2.09%	Jan 2022	1837 - 2464
MB-STS-0148	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Southeast US, US cents/lb	01 Feb 2022	91 - 97	-2.08%	Jan 2022	82 - 110
MB-STS-0152	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Southeast US, US cents/lb	01 Feb 2022	138 - 145	1.80%	Jan 2022	132.75 - 139.5
MB-STS-0140	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Southeast US, $/gross ton	01 Feb 2022	3091 - 3248	1.80%	Jan 2022	2973.5 - 3124.75

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	01 Feb 2022	784 - 829	2.87%	Jan 2022	762 - 806
MB-STS-0291	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard West Coast, US cents/lb	01 Feb 2022	35 - 37	2.86%	Jan 2022	34 - 36
MB-STS-0302	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard West Coast, $/gross ton	01 Feb 2022	1165 - 1210	1.98%	Jan 2022	1142 - 1187
MB-STS-0292	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard West Coast, US cents/lb	01 Feb 2022	52 - 54	1.92%	Jan 2022	51 - 53
MB-STS-0300	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard West Coast, $/gross ton	01 Feb 2022	1165 - 1210	1.98%	Jan 2022	1142 - 1187
MB-STS-0290	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard West Coast, US cents/lb	01 Feb 2022	52 - 54	1.92%	Jan 2022	51 - 53
MB-STS-0299	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard West Coast, $/gross ton	01 Feb 2022	1456 - 1501	1.55%	Jan 2022	1434 - 1478
MB-STS-0289	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard West Coast, US cents/lb	01 Feb 2022	65 - 67	1.54%	Jan 2022	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	13 Jan 2022	290 - 305	-1.65%	Jan 2022	290 - 305

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0432	Steel scrap 12 A/C new production heavy steel domestic, delivered consumer UK, £/tonne	13 Jan 2022	285 - 300	-1.68%	Jan 2022	285 - 300
MB-STE-0430	Steel scrap 7B heavy steel turnings inter-merchant, delivered to export dock UK, £/tonne	13 Jan 2022	205 - 220	-2.30%	Jan 2022	205 - 220
MB-STE-0081	Steel scrap 4C new steel bales domestic, delivered consumer UK, £/tonne	13 Jan 2022	280 - 295	-1.71%	Jan 2022	280 - 295
MB-STE-0087	Steel scrap OA plate and structural domestic, delivered consumer UK, £/tonne	13 Jan 2022	245 - 260	-1.94%	Jan 2022	245 - 260
MB-STE-0080	Steel scrap 4A new steel bales domestic, delivered consumer UK, £/tonne	13 Jan 2022	290 - 305	-1.65%	Jan 2022	290 - 305
MB-STE-0084	Steel scrap 8B new loose light cuttings domestic, delivered consumer UK, £/tonne	13 Jan 2022	265 - 280	-1.80%	Jan 2022	265 - 280
MB-STE-0085	Steel scrap 9A/10 heavy and light cast iron domestic, delivered consumer UK, £/tonne	13 Jan 2022	235 - 250	-2.02%	Jan 2022	235 - 250
MB-STE-0078	Steel scrap 11A cast iron borings (low P) domestic, delivered consumer UK, £/tonne	13 Jan 2022	195 - 205	-2.44%	Jan 2022	195 - 205
MB-STE-0086	Steel scrap 9B/C cylinder block scrap domestic, delivered consumer UK, £/tonne	13 Jan 2022	255 - 270	-1.87%	Jan 2022	255 - 270
MB-STE-0083	Steel scrap 8A new loose light cuttings domestic, delivered consumer UK, £/tonne	13 Jan 2022	280 - 295	-1.71%	Jan 2022	280 - 295
MB-STE-0077	Steel scrap 1&2 old steel domestic, delivered consumer UK, £/tonne	13 Jan 2022	225 - 240	-2.11%	Jan 2022	225 - 240
MB-STS-0012	Steel scrap 5C loose old light domestic, delivered inter-merchant UK, £/tonne	28 Jan 2022	180 - 195	0.00%	Jan 2022	180 - 195
MB-STE-0167	Steel scrap No E3 (old thick scrap) domestic, delivered mill Italy, €/tonne	21 Jan 2022	380 - 400	-8.24%	Jan 2022	380 - 400
MB-STE-0169	Steel scrap No E3 (old thick steel scrap) domestic, delivered mill Germany, €/tonne	21 Jan 2022	410 - 420	-2.35%	Jan 2022	410 - 420
MB-STE-0093	Steel scrap auto bundle scrap domestic, delivered Turkey, lira/tonne	31 Jan 2022	6200 - 6875	0.00%	Jan 2022	6038 - 6795
MB-STE-0415	Steel scrap E8 thin new production steel domestic, delivered consumer Germany, €/tonne	21 Jan 2022	480 - 490	-2.02%	Jan 2022	480 - 490
MB-STE-0168	Steel scrap No E8 (thin new production steel scrap) domestic, delivered mill Italy, €/tonne	21 Jan 2022	450 - 470	-8.00%	Jan 2022	450 - 470
MB-STE-0414	Steel scrap E40 shredded domestic, delivered consumer Germany, €/tonne	21 Jan 2022	420 - 430	-2.30%	Jan 2022	420 - 430
MB-STE-0849	Steel scrap E40 shredded, delivered to mill Italy, €/tonne	21 Jan 2022	450 - 470	-4.66%	Jan 2022	450 - 470

Europe export

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0095	Steel scrap shredded import, cfr delivered Turkish port, $/tonne	28 Jan 2022	481 - 492	1.57%	Jan 2022	475.75 - 487.25
MB-STE-0096	Steel scrap HMS 1&2 (75:25 mix) import, cfr delivered Turkish port, $/tonne	28 Jan 2022	455 - 457	1.56%	Jan 2022	449.25 - 454.25
MB-STE-0097	Steel scrap HMS 1&2 (75:25 mix) export, fob Rotterdam, $/tonne	28 Jan 2022	425 - 427	1.67%	Jan 2022	417.25 - 422.25
MB-STE-0098	Steel scrap shredded export, fob Rotterdam, $/tonne	28 Jan 2022	450 - 452	1.58%	Jan 2022	443.5 - 446.75
MB-STE-0099	Steel scrap shredded export, fob main port UK, $/tonne	28 Jan 2022	457 - 459	1.55%	Jan 2022	448 - 453
MB-STE-0100	Steel scrap HMS 1&2 (80:20 mix) export, fob main port UK, $/tonne	28 Jan 2022	437 - 439	1.62%	Jan 2022	428 - 433
MB-STE-0416	Steel scrap HMS 1&2 (80:20 mix) North Europe origin, cfr Turkey, $/tonne	02 Feb 2022	475.14	-0.55%	Jan 2022	458.77
MB-STE-0894	Steel scrap, HMS 1&2 (80:20 mix), month-to-date deal-weighted average, North Europe origin, cfr Turkey, $/tonne	02 Feb 2022	475.95	-0.38%	Jan 2022	459.17
MB-STE-0417	Steel scrap HMS 1&2 (80:20 mix) US origin, cfr Turkey, $/tonne	02 Feb 2022	483.43	-0.54%	Jan 2022	467.04

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0420	Steel scrap HMS 1&2 (80:20 mix), fob Rotterdam, $/tonne	28 Jan 2022	431.09	0.75%	Jan 2022	426.31

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	28 Jan 2022	1990 - 2040	-2.66%	Jan 2022	1965 - 1997.5
MB-STS-0011	Stainless steel scrap 18/8 turnings domestic, delivered merchants UK, £/tonne	28 Jan 2022	1390 - 1460	-0.70%	Jan 2022	1362.5 - 1435
MB-STS-0010	Stainless steel scrap 18/8 solids domestic, delivered merchants UK, £/tonne	28 Jan 2022	1600 - 1680	-0.61%	Jan 2022	1567.5 - 1650
MB-STS-0009	Stainless steel scrap 18/8 turnings import, cif main European port, €/tonne	28 Jan 2022	1790 - 1835	-2.82%	Jan 2022	1768.75 - 1797.5
MB-STS-0013	Stainless steel scrap 12-13% Cr solids domestic, delivered merchants UK, £/tonne	28 Jan 2022	370 - 390	0.00%	Jan 2022	360 - 380
MB-STS-0014	Stainless steel scrap 16-17% Cr solids domestic, delivered merchants UK, £/tonne	28 Jan 2022	410 - 430	0.00%	Jan 2022	400 - 420
MB-STS-0261	Stainless steel scrap 316 solids import, cif main port Europe, €/tonne	28 Jan 2022	2800 - 2870	-1.22%	Jan 2022	2765 - 2792.5
MB-STS-0262	Stainless steel scrap 316 turnings import, cif main port Europe, €/tonne	28 Jan 2022	2520 - 2585	-1.26%	Jan 2022	2490 - 2513.75
MB-STS-0260	Stainless steel scrap 316 turnings domestic, delivered merchants UK, £/tonne	28 Jan 2022	2000 - 2045	-0.37%	Jan 2022	1968.75 - 2027.5
MB-STS-0259	Stainless steel scrap 316 solids domestic, delivered merchants UK, £/tonne	28 Jan 2022	2300 - 2350	-0.43%	Jan 2022	2262.5 - 2330

Asia domestic and export

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0149	Steel scrap heavy scrap domestic, delivered mill China, yuan/tonne	28 Jan 2022	3570 - 3720	0.00%	Jan 2022	3570 - 3720
MB-STE-0889	Steel scrap, index, heavy recycled steel materials, cfr east China, $/tonne	28 Jan 2022	523.57	0.20%	Jan 2022	512.99
MB-STE-0895	Steel scrap, index, heavy recycled steel materials, cfr north China, $/tonne	28 Jan 2022	533.57	0.20%	Jan 2022	522.99
MB-STE-0464	Steel scrap HMS 1&2 (80:20 mix) US material import, cfr main port Taiwan, $/tonne	31 Jan 2022	465	0.00%	Jan 2022	444.43 - 446.86
MB-STE-0874	Steel scrap H2 export, fob main port Japan, ¥/tonne	26 Jan 2022	51000 - 52000	0.49%	Jan 2022	49500 - 51000
MB-STE-0875	Steel scrap shredded export, fob main port Japan, ¥/tonne	26 Jan 2022	58000 - 58500	3.10%	Jan 2022	54750 - 55375
MB-STE-0876	Steel scrap Shindachi bara export, fob main port Japan, ¥/tonne	26 Jan 2022	57500 - 60000	0.00%	Jan 2022	56500 - 58500
MB-STE-0877	Steel scrap heavy scrap (HS) export, fob main port Japan, ¥/tonne	26 Jan 2022	59500 - 60000	1.27%	Jan 2022	57000 - 57750
MB-STE-0878	Steel scrap H2 Japan-origin import, cfr Vietnam, $/tonne	28 Jan 2022	515	2.49%	Jan 2022	498.75 - 503.75
MB-STE-0783	Steel scrap HMS 1&2 (80:20), cfr Vietnam, $/tonne	28 Jan 2022	535 - 540	1.42%	Jan 2022	523.75 - 525
MB-STE-0879	Steel scrap H2 Japan origin import, cfr main port South Korea, ¥/tonne	28 Jan 2022	55500 - 56500	1.82%	Jan 2022	53750 - 55500
MB-STE-0880	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr South Korea, $/tonne	28 Jan 2022	530 - 540	1.61%	Jan 2022	517 - 523.75
MB-STE-0421	Steel scrap shredded, index, import, cfr Nhava Sheva, India $/tonne	01 Feb 2022	545	0.34%	Jan 2022	534.33
MB-STE-0413	Steel scrap HMS 1&2 (80:20 mix) import, cfr Nhava Sheva, India, $/tonne	28 Jan 2022	480 - 495	3.17%	Jan 2022	462.5 - 480
MB-STE-0881	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr Bangladesh, $/tonne	27 Jan 2022	557 - 560	3.43%	Jan 2022	531.75 - 541.25

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0884	Steel scrap HMS 1&2 (80:20) containerized import, cfr Bangladesh, $/tonne	27 Jan 2022	515 - 535	0.48%	Jan 2022	515 - 528
MB-STE-0885	Steel scrap shredded containerized import, cfr Bangladesh, $/tonne	27 Jan 2022	555 - 580	0.00%	Jan 2022	557.5 - 571.25
MB-STE-0886	Steel scrap shredded deep-sea origin import, cfr Bangladesh, $/tonne	27 Jan 2022	567 - 570	3.36%	Jan 2022	541.75 - 555
MB-STE-0887	Steel scrap shredded, index, import, cfr Port Qasim, Pakistan $/tonne	28 Jan 2022	547.5	0.17%	Jan 2022	545.97

Automotive: Asia

Source: dashboard.fastmarkets.com/m/00000052-0000-4000-8000-000000000000

Top stories

Britishvolt, Glencore to develop battery recycling ecosystem in UK

By Andrea Hotter - Thursday 03 February

Britishvolt and Glencore are to develop a new ecosystem for battery recycling in the United Kingdom at the site of the mining and marketing company's Britannia Refined Metals (BRM) operation in Northfleet, Kent, the investor in battery cell technologies and research and development said.

The move builds on a strategic partnership announcement in August 2021, in which Glencore said it would supply responsibly-soured cobalt to Britishvolt.

It will mark a return to recycling for BRM, with the goal of supporting the creation of a circular economy that supplies recycled materials and minerals back into the battery supply chain.

Once complete, the plant will be Glencore and Britishvolt's first battery recycling facility in the United Kingdom. It is expected to have a processing capacity of a minimum of 10,000 tonnes of lithium-ion batteries per year, including but not limited to valuable battery manufacturing scrap, portable electronics batteries and full electric vehicle (EV) packs.

The facility will process all Britishvolt's valuable battery manufacturing scrap from its gigafactory in Blyth, Northumberland. At capacity, the gigaplant will produce enough cells for over 300,000 EV battery packs per year, intended primarily for the automotive industry.

BRM - the largest primary lead producer in Europe, producing primary lead from Glencore's Mount Isa and third-party lead and silver bullion - will continue with its current production and trading operations.

The recycling facility is expected to be operational by mid-2023 with the long-term aim of being 100% powered by renewable energy

Recycling

Both companies believe that battery recycling will form a key part of the energy transition, efficiently recovering the critical metals needed to move away from fossil fuels and slash carbon emissions, Britishvolt said.

The Britishvolt-Glencore partnership will also look to develop other recycling activities such as black mass refining into battery grade raw materials, Britishvolt noted.

The partnership also aims to research how to make the recycling of EV batteries easier and more cost effective, maximizing their supply chain value and to influence legislation, including increasing regulation of recycling and environmental, social and governance (ESG) requirements.

According to Timon Orlob, Britishvolt global chief operating officer, recycling is key to a successful energy transition and has always been a major part of Britishvolt's business model.

"We've been looking for the perfect partner to help kick start a UK battery recycling industry and FTSE100-listed Glencore has expert historical experience in recycling," Orlob said.

"This joint venture will help us both to create a truly sustainable battery value-chain, create jobs and develop new battery recycling technologies. Both Britishvolt and Glencore are fully committed to reducing carbon across the supply chain," he added.

According to Britishvolt, the partnership will also allow it to assist its original equipment manufacturers (OEMs) customers on their path to sustainability by offering hedging opportunities against swings in raw materials prices.

Glencore has multi-decade experience in recycling, which is one of the company's seven core pathways to achieve net-zero carbon emissions by 2050.

"We believe the opportunity to utilize BRM's operations as a cutting-edge battery recycling facility will help support the development of a United Kingdom battery recycling industry," Glencore's head of cobalt trading David Brocas said.

"It will also play a part in furthering the United Kingdom's climate ambitions as well as Glencore's as we work towards net-zero total emissions by 2050," he added.

US keeps CVD order on Indian welded pipe

By Mark Burgess - Wednesday 02 February

The United States Commerce Department has decided to continue countervailing duties on imports of welded stainless pressure pipe from India.

The ruling is the result of an expedited first sunset review, according to a notice published in the Federal Register on Tuesday February 1.

In November 2016, Commerce set a final countervailing duty of 3.13% on Steamline Industries Limited and 6.22% on Sunrise Stainless Private Limited. All other Indian producers were assigned a rate of 4.65%. After completing the five-year sunset review of the subsidy order in late 2021, Commerce said the countervailing duties will continue to be applied.

"Revocation of the order would be likely to lead to continuation or recurrence of countervailable subsidies," Tuesday's order stated.

Aluminium/copper news

US copper premium remains stable in watchful market

By Yasemin Esmen - Wednesday 02 February

Copper spot premiums were stable in the United States in the week to Tuesday February 1, with market participants watching for developments in international relations and in the US stock market, while elevated transport costs continued to cause concern.

• The spot market was quiet while most transactions continued under yearly contracts.

• Market participants were wary of international tensions and a volatile stock market.
• East Asian markets were closed for the region's lunar new year holidays.

The copper grade 1 cathode premium, ddp Midwest US, was stable on February 1 at 8-10 cents per lb, unchanged since late November last year, amid minimum activity in the spot market.

"The copper [premium] stays strong," one veteran trader said.

The spot market was generally quiet, with only a few deals reported within Fastmarkets' range.

Although business was satisfactory to many market participants, sources expressed concerns that the volatility in the stock market and the underlying copper price were making market participants cautious.

"The copper market was up in the morning, then down, then up again... It is a narrow trading range but [the market] doesn't seem to have stability," a second trader said on Monday.

This had more to do with market participants' confidence than with the physical availability of the metal, he said, because "there is no [metal] shortage or excessive demand. And there is no relief in transportation costs."

Ocean freight costs were reported to have remained 8-9 times higher than their pre-Covid-pandemic levels, while truckload rates per mile were expected to be 28.2% higher in the first quarter of 2022 than before the pandemic.

Political issues were also making spot-market buyers uneasy, sources said.

"There is too much commotion and uncertainty around the world," the second trader said. "Russia-Ukraine, China-Taiwan... Everyone is keeping their ears to the ground, just hoping for the best."

Glencore's lead output falls 14% in 2021; cobalt, FeCr production up

By Ana de Liz - Wednesday 02 February

A summary of Glencore's production results for the full year 2021, released by the company on Wednesday February 2.

In brief

- Compared with 2020, Glencore's production of copper, nickel, zinc and lead from its own mining assets all fell on a full-year basis.
- Furthermore, zinc production fell by 16% to 161,000 tonnes and lead production dropped by 25% to 48,900 tonnes in the fourth quarter of 2021, while nickel production rose by 10% to 31,200 tonnes.
- Glencore says the drop in copper production was due to the disposal of the Mopani mine in Zambia, expected lower grades at the Antapaccay mine in Peru and lower copper by-product output from its mature zinc and lead mines.
- "Lengthy scheduled statutory shutdown and maintenance issues" at Murrin Murrin in early 2021 accounted for the lower nickel production, the company said.
- The "expected decline" in the Maleevsky mine in Kazakhstan, lagged by the slower-than-expected ramp-up of the new Zhairem mine, together with lower grades at the Kidd mine contributed to the lower zinc mine production, Glencore said, partially offsetting stronger zinc production in Antamina.
- Following the company's announcement in the final quarter of 2021 that it would be reducing production at its European smelters due to high energy prices, production of refined zinc at Glencore's Portovesme, San Juan de Nieva, Nordenham and Northfleet plants totaled 195,500 tonnes in the fourth quarter, down by 4% from 2020. Overall production for the full year was at 800,600 tonnes, however, up 2% from the previous year.
- Glencore reported substantially higher ferro-chrome and cobalt production in 2021 compared with a year earlier, which the company attributed to the higher operating performance in South Africa on the former, and the "limited restart of production" at Mutanda, for the latter.
- The company noted it completed the disposal of the Ernest Henry copper mine in Australia in January 2022.
- Production guidance has been maintained, with the company noting that "changes, if any, to the guidance will be updated in April" together with its first quarter 2022 production report.

Full year 2021 production
(year-on-year percentage change)

Copper
1.195 million tonnes, down by 5%

Cobalt
31,300 tonnes, up 14%

Zinc
1.117 million tonnes, down 4%

Lead
222,300 tonnes, down by 14%

Nickel
102,300 tonnes, down 7%

Ferro-chrome
1.468 million tonnes, up 43%

Gold
809,000 oz, down 12%

Silver
35.519 million oz, down by 4%

Guidance for 2022

Copper

1.120 million - 1.180 million tonnes

Cobalt
45,000 - 51,0000 tonnes

Zinc
1.080 million - 1.140 million tonnes

Nickel
110,000 - 120,000 million tonnes

Lead
240,000 tonnes average for 2022-2024

Ferro-chrome
1.430 million - 1.490 million tonnes

Key quotes - Gary Nagle, chief executive officer
"The operating environment remained challenging in 2021, with the Covid-19 pandemic again dominating the daily lives of many of our colleagues, families, local communities and society at large."

"Maintaining production in 2021 became increasingly important as many of our products, so crucial for decarbonization, energy supply and industrial output, saw higher levels of demand. Overall, our operations largely performed in line with guidance expectations."

Key aluminium prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0349	Aluminium primary foundry alloy silicon 7 ingot annual premium, cif MJP, $/tonne	20 Jan 2022	120 - 150	22.73%	Jan 2022	120 - 150
MB-AL-0348	Aluminium primary foundry alloy silicon 7 ingot annual premium, cif main South Korean ports, $/tonne	20 Jan 2022	120 - 150	28.57%	Jan 2022	120 - 150
MB-AL-0350	Aluminium ingot ADC 12, exw dp China, yuan/tonne	02 Feb 2022	20500 - 20900	0.00%	Jan 2022	20400 - 20800
MB-AL-0292	Aluminium ingot ADC 12 spot (MJP), cfr Japan, $/tonne	02 Feb 2022	2550 - 2630	0.00%	Jan 2022	2500 - 2570
MB-AL-0345	Aluminium P1020A premium, cif Shanghai, $/tonne	25 Jan 2022	60 - 80	16.67%	Jan 2022	60 - 80
MB-AL-0344	Aluminium P1020A premium, cif South Korea, $/tonne	01 Feb 2022	170 - 180	0.00%	Jan 2022	167.5 - 177.5
MB-AL-0343	Aluminium P1020A (MJP) spot premium, cif Japan, $/tonne	01 Feb 2022	150 - 170	0.00%	Jan 2022	158.13 - 178.13
MB-AL-0001	Aluminium P1020A (MJP) quarterly premium, cif Japan, $/tonne	07 Jan 2022	177	-18.62%	Jan 2022	177
MB-AL-0328	Aluminium P1020A premium, bonded in-whs, Shanghai, $/tonne	25 Jan 2022	60 - 90	15.38%	Jan 2022	60 - 90
MB-AL-0329	Aluminium P1020A premium, cif Taiwan, $/tonne	25 Jan 2022	160 - 185	-4.17%	Jan 2022	160 - 192.5
MB-AL-0307	Aluminium P1020A premium, fca South Korea, $/tonne	01 Feb 2022	185 - 195	0.00%	Jan 2022	177.5 - 187.5
MB-ALU-0002	Alumina index, fob Australia, $/tonne	02 Feb 2022	375.39	0.10%	Jan 2022	351.67

Key copper prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0404	Copper grade A cathode premium, cif South Korea, $/tonne	25 Jan 2022	75 - 85	0.00%	Jan 2022	75 - 85
MB-CU-0405	Copper grade A cathode premium, in-whs Shanghai, $/tonne	02 Feb 2022	50 - 72	0.00%	Jan 2022	58.2 - 77
MB-CU-0403	Copper grade A cathode premium, cif Shanghai, $/tonne	02 Feb 2022	45 - 68	0.00%	Jan 2022	53.95 - 73.7
MB-CU-0399	Copper grade A cathode premium, cif Southeast Asia, $/tonne	01 Feb 2022	85 - 95	0.00%	Jan 2022	81.25 - 91.25
MB-CU-0386	Copper grade A cathode premium, cif Taiwan, $/tonne	25 Jan 2022	85 - 95	9.09%	Jan 2022	80 - 92.5
MB-CU-0380	Copper grade A cathode ER premium, cif Shanghai, $/tonne	02 Feb 2022	58 - 68	0.00%	Jan 2022	65 - 73.7
MB-CU-0383	Copper grade A cathode ER premium, bonded in-whs Shanghai, $/tonne	02 Feb 2022	62 - 72	0.00%	Jan 2022	68.4 - 77
MB-CU-0382	Copper grade A cathode SX-EW premium, bonded in-whs Shanghai, $/tonne	02 Feb 2022	50 - 60	0.00%	Jan 2022	58.2 - 67.1
MB-CU-0384	Copper grade A cathode SX-EW premium, cif Shanghai, $/tonne	02 Feb 2022	45 - 55	0.00%	Jan 2022	53.95 - 62.55
MB-CU-0288	Copper concentrates RC index, cif Asia Pacific, US cents/lb	28 Jan 2022	5.85	2.45%	Jan 2022	5.86
MB-CU-0287	Copper concentrates TC index, cif Asia Pacific, $/tonne	28 Jan 2022	58.5	2.45%	Jan 2022	58.58

Ferro-alloys/minor metals news

Fastmarkets AMM: Ferro-alloys February 2

By Chris Kavanagh - Wednesday 02 February

The latest ferro-alloy prices from Fastmarkets price reporters.

Fastmarkets AMM

FERRO-ALLOYS

OCTOBER 1, 2018

Australia funds new graphite projects with critical minerals facility cash

By Andrea Hotter - Wednesday 02 February

The Australian government has approved loans to two domestic companies to produce highly purified graphite as it builds the country's critical minerals supply chain, it said.

The loans, worth Australian $239 million ($168 million), are the first under the government's recently established critical minerals facility (CMF) and have been provided to EcoGraf Limited and Renascor Resources.

Australia's minister for trade, tourism and investment Dan Tehan said the projects will promote Australia as a trusted supplier of critical minerals to the world.

"The government's support for these projects through the A$2-billion CMF is a clear demonstration of our faith in the potential of Australia's critical minerals sector," Tehan said.

"At a time of booming global demand for smartphones, electric vehicles and other technologies, this commitment from the Australian government positions Australia strongly into the future in the critical minerals sector," he added.

The CMF was established in 2021 by the Australian government and is managed by the country's export credit agency, Export Finance Australia. The facility's purpose is to secure vital supplies of resources needed to drive the new energy economy and effectively help fill finance gaps in the development of critical minerals resources to get them off the ground.

The move comes amid a paradigm shift in transport technology to electric vehicles and battery storage for the renewable energy sector. Graphite makes up 100% of the battery anode and represents almost half of the total minerals in a lithium-ion battery.

Automakers have stepped up their efforts to secure graphite supply as concerns over availability rise.

Currently, all global supply of spherical battery graphite is produced in China.

Projects

EcoGraf's A$40-million ($28-million) loan is designed to support the planned expansion of the company's battery anode material facility near Perth, Australia, to 20,000 tonnes per year. Purified spherical graphite will be shipped to major anode customers in Asia, Europe and North America.

Subsequently, the company has said it plans to expand the battery graphite production base to include additional processing facilities in Europe and North America to support the global transition to clean, renewable energy in the coming decade and the rapid growth in battery materials.

The company has also developed a process to recycle battery anode material generated from lithium-ion battery production processes and end-of-life batteries.

Renascor Resources meanwhile has secured a loan worth A$185 million ($130 million) to support the development of its Siviour graphite project in South Australia.

Graphite concentrates will be processed into purified spherical graphite at a 28,000-tpy manufacturing facility and shipped to battery anode manufacturers in Northeast Asia. The company has commitments for 100% of its first-stage production from anode companies Shanxi Minguang New Material Technology Co Ltd and Jiangxi Zhengtuo New Energy Technology Co Ltd, as well as Japan-based global trading company Hanwa Co Ltd.

Renascor is seeking further offtake agreements and investment to advance development of the project, it has said.

Fastmarkets' latest assessment of the price for graphite, spherical, 99.95% C, 15 microns, fob China was $3,100-3,300 per tonne on Wednesday February 2, up by 24.27% from $2,350-2,800 per tonne on July 1, 2021.

Titanium markets hold ahead of likely new scrap deals

By Declan Conway - Wednesday 02 February

Key data from Fastmarkets' pricing session in Europe on Wednesday February 2.

FERRO-TITANIUM 70% TI, MAX 4.5% AL (in $ per kg, ddp Europe)			
New price	Previous price	Change to midpoint of range	Midpoint % change
7.70-8.00	7.70-8.00	0	0

TITANIUM SCRAP TURNINGS, UNPROCESSED TYPE 90/6/4, 0.5% SN MAX (in $ per lb, cif Europe)			
New price	Previous price	Change to midpoint of range	Midpoint % change
1.80-2.00	1.80-2.00	0	0

TITANIUM SCRAP TURNINGS, UNPROCESSED TYPE 90/6/4, 0.5-2% SN MAX (in $ per lb, cif Europe)			
New price	Previous price	Change to midpoint of range	Midpoint % change
1.80-1.90	1.80-1.90	0	0

Source: Fastmarkets

Key drivers

- European ferro-titanium prices were unchanged for the eight consecutive week on Wednesday February 2, with suppliers holding their offer prices due to persistently tight scrap availability. Consumer demand for ferro-titanium has been at negligible levels this year, with steelmakers well covered.
- Titanium scrap markets in Europe have been flat for at least five months now; suppliers report they are servicing existing contracts and preparing for new delivery settlements into ferro-titanium producers later in February.

Key quotes

"Available scrap volumes in Europe are not enough for all, sourcing has to be worldwide, and raw materials now even go from parts of Asia to South America. Compared with pre-Covid times, this business trend has increased considerably, but transport costs are a problem. You have to think carefully about where it makes sense to buy from and what additional costs will be incurred until the raw materials are ready for use," - Europe-based scrap supplier

"It is very quiet on the [ferro-titanium] demand side and extremely tight on the scrap side. There is now also a sponge shortage developing, prompting smelters to start stockpiling vacuum-grade scrap. It is a stand-off at the moment, with virtually no movement in prices. The Ukrainian situation [with Russia], at least for now, has had little impact on titanium supply, but that might change quickly," - Russian ferro-titanium trader

Miner-trader Glencore cobalt production up 14% year on year in 2021 on Mutanda gradual restart

By Dalila Ouerghi - Wednesday 02 February

Cobalt production from miner-trader Glencore totaled 31,300 tonnes in 2021, up by 14% year on year due to a limited restart of production at its copper-cobalt Mutanda mine in the Democratic Republic of Congo (DRC), the company said in its annual report.

According to the document, cobalt output from both the copper-cobalt Katanga and Mutanda mines in the DRC totaled 27,700 tonnes for 2021, up by 16% from 23,900 tonnes in 2020, with Mutanda contributing a total of 3,900 tonnes between the second and the fourth quarters of 2021.

In June 2021, Glencore announced the gradual restart of operations at its Mutanda copper-cobalt facility by the end of 2021, with plans to return the asset to normal production in 2022.

Glencore placed the DRC-based facility on care and maintenance in late 2019 following a slump in cobalt prices.

The global miner expected its cobalt output to total 48,000 tonnes in 2022, up by 53.35% from 2021 and in line with its previous production guidance, it said.

Firm cobalt prices

Fastmarkets' assessment of the cobalt hydroxide payable indicator min 30% Co, cif China was at 88-90% of its standard-grade cobalt price (low end) on Wednesday February 2, unchanged since early December.

The cobalt hydroxide payable has been around 90% of the standard-grade metal price during the past year after hitting a record high of 93-94% in late February 2021. The payable indicator was assessed at 61.5-62% at the beginning of 2020.

Logistic bottlenecks are still ongoing in the South Africa-China route and have been cited by sellers as a key factor in the price increase, in addition to tight availability. Most cobalt mined in the DRC is transported to and shipped out the Port of Durban on South Africa's east coast to China.

The disruptions caused shipment delays in 2021 for contracted and spot cargoes.

Buyers in China have been mostly hesitant to accept firm hydroxide prices on a spot basis, citing a tepid downstream cobalt market in the country.

The stalemate between sellers and buyers has continued since the start of 2022, with the spot market reportedly quiet over the past fortnight due to the Chinese New Year festive season.

China to raise nickel, cobalt, lithium battery scrap tax rebate to 50%

By Julian Luk - Wednesday 02 February

China is to raise the value-added tax (VAT) rebate for nickel, cobalt and lithium battery scrap to 50% in a bid to encourage recycling in 2022, according to official documentation.

The VAT rebate is currently 30%, but will be revised upward for some materials starting from next month, according to a Ministry of Finance document entitled the 'Better Utilization of Resources Through VAT Policy Adjustment.'

The rebate benefit will only apply to recyclers that meet certain criteria, including a combined recovery rate of nickel, cobalt and manganese of no less than 98% and a recovery rate for lithium of no less than 98%, according to the official document.

The more commonly used tax rebate of 30% for lead-acid battery scrap remains unchanged. That rebate also applies to ferrous scrap used in steelmaking, as well as for scrap motors, wire & cable and aluminium cans.

"I am still skeptical [about] the effectiveness of boosting [electric vehicle (EV)] battery recycling through a tax rebate rise," an EV battery scrap consumer said.

"A lot of motor battery scrap is sold by individual consumers; how could the receipts be collected for tax rebate purposes?" the consumer said. "In an ideal world, all used batteries should be collected by companies. A few Chinese firms are planning to do so, but we are not seeing any substantial moves at all."

Trade log: Ferro-molybdenum 65% Mo min, in-whs Rotterdam, $/kg Mo

By pricing@fastmarkets.com - Wednesday 02 February

The Ferro-molybdenum 65% Mo min, in-whs Rotterdam, $/kg Mo 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 Ferro-molybdenum 65% Mo min, in-whs Rotterdam, $/kg Mo at 44.00-44.80 on Wednesday February 02, 2022.

- Prices indicated at $44.50
- Prices indicated at $44.50-45.00
- Prices indicated at $43.80-44.25
- Sale at $44.10 for 5 tonnes (discarded as below minimum tonnage)
- Prices indicated at $44.00
- Prices indicated at $43.80-44.20
- Sale at $44.80 for 10 tonnes
- Offer at $45.00 for 5 tonnes (discarded as below minimum tonnage)
- Prices indicated at $44.30-45.00
- Offer at $44.30
- Offer at $43.80 (discarded due to lack of clarity on terms)
- Sale at $44.60 for 5 tonnes (discarded as below minimum tonnage)
- Sale at $44.80 for 1 tonne (discarded as below minimum tonnage)
- Prices indicated at $44.60
- Prices indicated at $44.00

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: Ferro-tungsten basis 75% W, in-whs dup Rotterdam, $/kg W

By pricing@fastmarkets.com - Wednesday 02 February

The Ferro-tungsten basis 75% W, in-whs dup Rotterdam, $/kg W 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 Ferro-tungsten basis 75% W, in-whs dup Rotterdam, $/kg W at 41.50-42.00 on Wednesday February 02, 2022.

- Deal heard at $42.00 for 5 tonnes
- Purchase at $40.00 (discarded as outside specification)
- Offer at $41.80
- Sale at $41.50
- Sale at $42.00 for 1 tonne (discarded as below minimum tonnage)
- Offer at $41.90
- Deal heard at $41.50
- Prices indicated at $41.50
- Prices indicated at $41.80-42.50
- Sale at $42.00 for 5 tonnes
- Purchase at $41.70
- Sale at $41.80 for 10 tonnes
- Prices indicated at $41.50
- Offer at $43.00
- Prices indicated at $41.50-43.00
- Offer at $42.50

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

By pricing@fastmarkets.com - Wednesday 02 February

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 34.30-34.75 on Wednesday February 02, 2022.

- Purchase at $33.15 for standard tonnage (discarded - outside of Fastmarkets' specifications)
- Deal heard at $33.50 (discarded - outside of Fastmarkets' specifications)
- Deal heard at $34.75 for small tonnage
- Offer at $34.55
- Prices indicated at $34.00
- Prices indicated at $34.35-34.75
- Prices indicated at $34.25-34.80
- Prices indicated at $34.55-34.65
- Prices indicated at $34.50-35.00
- Prices indicated at $34.30-34.75
- Prices indicated at $34.30-34.75
- Prices indicated at $34.45-34.95
- Prices indicated at $34.30-34.75

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

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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 alloy grade, in-whs Rotterdam, $/lb

By pricing@fastmarkets.com - Wednesday 02 February

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 34.30-34.75 on Wednesday February 02, 2022.

- Sale at $34.50 for small tonnage
- Prices indicated at $34.00
- Prices indicated at $34.35-34.75
- Prices indicated at $34.25-34.80
- Prices indicated at $34.55-34.65
- Prices indicated at $34.50-35.00
- Prices indicated at $34.30-34.75
- Prices indicated at $34.30-34.75
- Prices indicated at $34.45-34.95
- Prices indicated at $34.30-34.75

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

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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 hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)

By pricing@fastmarkets.com - Wednesday 02 February

The Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end) 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 hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end) at 88.00-90.00 on Wednesday February 02, 2022.

- Prices indicated at 88.00-90.00
- Prices indicated at 88.00-90.00
- Prices indicated at 88.00-90.00
- Prices indicated at 90.00
- Prices indicated at 88.00-90.00
- Prices indicated at 88.00-90.00
- Prices indicated at 89.00-90.00
- Prices indicated at 88.00-90.00

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

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Glencore boosts ferro-chrome output in 2021

By Claire Patel-Campbell - Wednesday 02 February

Glencore achieved a significant increase in ferro-chrome output during 2021, it said in its latest annual production report published on Wednesday February 2.

In its full-year production results for 2021, the company reported a 43% increase in ferro-chrome output year-on-year, with attributable production of nearly 1.5 million tonnes.

Through its 79.5% stake in the Glencore-Merafe Chrome Venture, the company has interests in the Helena, Magareng and Thorncliffe chrome mines, on the Eastern Limb of the Bushveld Igneous Complex; the Waterval and Kroondal chrome mines near Rustenburg on the Western Limb of the Bushveld Igneous Complex; and the Rietvly silica mine, near Rustenburg. All these assets are in South Africa.

Through the chrome venture, it also has interests in the Boshoek, Wonderkop and Rustenburg smelter complexes, near Rustenburg; and the Lion and Lydenburg smelter complexes near Steelpoort and Lydenburg respectively.

The increase in ferro-chrome production mainly reflected the Covid-19-related South African national lockdown in the preceding year, the company said, as well as a strong operating performance during 2021.

At the same time, chief executive Gary Nagle acknowledged the continuing effects of the pandemic worldwide.

"The operating environment remained challenging in 2021, with the Covid-19 pandemic again dominating the daily lives of many of our colleagues, families, local communities and society at large," he said.

"As a responsible operator, our top priority is to protect the safety and health of our people and the communities that host our businesses," he added. "Maintaining production in 2021 became increasingly important because many of our products - so crucial for decarbonization, energy supply and industrial output - saw higher levels of demand."

Covid-19 in South Africa

The first Covid-19 lockdown in South Africa began on March 23, 2020, for a period of three weeks. Glencore placed its ferroalloys operations on care and maintenance as a result.

Its ferro-chrome smelting operations were suspended in the second quarter of 2020, followed by a phased restart. The Lydenburg smelter was put on extended care and maintenance, with the remaining four smelters fully operational from the fourth quarter of 2020.

The South African lockdown was extended until the end of April 2020, followed by a phased lifting of restrictions, which included allowing miners to produce at no more than 50% capacity as of April 16, 2020.

In Glencore's 2020 production report, then-chief executive Ivan Glasenberg said that Covid-19-related mandatory suspensions and international mobility restrictions had significantly affected that year's production of ferro-chrome in South Africa.

In 2020, the company produced 1.03 million tonnes of ferro-chrome, compared with 1.44 million tonnes in 2019.

Across South Africa, the pandemic had a pronounced effect on chrome production after the announcement of the lockdown, with Samancor declaring *force majeure* at the time, along with Tharisa, which made the declaration on its contracted chrome concentrate sales agreements.

At the end of March 2020, high-carbon ferro-chrome prices in Europe rose sharply, with uncertainty mounting over future supply from South Africa. Chrome producers were among those unable to export material, because they faced shortages of necessary staff and a lack of road and rail transport.

By December 2020, while the pandemic continued to weigh heavily on countries across Europe and they battled a second major wave of infections, the influence on the market of the situation in South Africa had become less dominant, although the after-effects lingered into 2021 in relation to logistics.

According to data published by the South African Department of Mineral Resources & Energy, national monthly chrome ore output (covering material with more than 40% Cr2O3) recovered over the course of 2021, with the most recently published production figures (October 2021) showing 1.62 million tonnes, close to levels seen before the onset of the pandemic.

In April 2020, output dropped as low as 181,474 tonnes, but climbed steadily when restrictions were removed across the country. According to the latest data, production peaked in July 2021, at 1.73 million tonnes, and declined slightly at least until October 2021.

By the autumn of 2021, rapidly rising energy prices globally were the dominant factor affecting chrome ore and alloy markets, alongside continuing freight and logistics challenges, carrying on into 2022.

Grupo México Q4 earnings soar on higher prices, but Cu, Zn output down

By Renato Rostás - Wednesday 02 February

A summary of production results and earnings figures for the mining division of Grupo Mexico in the fourth quarter and full year of 2021, as shown in the company's latest quarterly report released on Tuesday February 1.

In brief

• Both fourth-quarter and full-year copper output were lower year on year due to reduced production at all mines except Cuajone, in Peru.

• According to its subsidiary Southern Copper Corp (SCC), copper grades in mined ore and recovery levels continued to drop toward the end of the year, further reducing output.
• Revenues and earnings increased significantly, however, due to higher metal prices on the London Metal Exchange.
• Full-year 2021 operating cash costs averaged $0.84 per lb, falling from $0.85 per lb a year before amid higher prices for byproducts such as gold, silver and molybdenum.
• Development of projects in Mexico continued as normal, with Buenavista Zinc expected to initiate operations in 2023, the Pilares copper concentrate plant scheduled to start up in the second half of 2022, and the El Pilar copper mine in 2024.
• In Peru, SCC was still awaiting authorization to begin activities at the Tía María copper plant, whose development was stopped by the government due to community protests, while the Los Chancas copper-molybdenum project was still expected to start up in 2027 and Michiquillay was scheduled for 2028.

Key figures (year-on-year percentage change)

Copper production
Fourth quarter: 269,152 tonnes, down by 7.17% from 289,939 tonnes

Full-year 2021: 1.08 million tonnes, down by 3.91% from 1.13 million tonnes

Copper sales volumes
Fourth quarter: 256,988 tonnes, down by 11.94% from 291,841 tonnes

Full-year 2021: 1.06 million tonnes, down by 6.67% from 1.13 million tonnes

Zinc production
Fourth quarter: 16,487 tonnes, down by 1.65% from 16,763 tonnes

Full-year 2021: 66,958 tonnes, down by 2.86% from 68,930 tonnes

Zinc sales volumes
Fourth quarter: 20,921 tonnes, down by 22.49% from 26,991 tonnes

Full-year 2021: 91,570 tonnes, down by 12.58% from 104,752 tonnes

Net sales, mining division
Fourth quarter: $3.10 billion, up by 17.78% from $2.63 billion

Full-year 2021: $12.09 billion, up by 41.11% from $8.57 billion

Earnings before interest, taxes, depreciation and amortization (Ebitda), mining division
Fourth quarter: $1.87 billion, up by 30.30% from $1.43 billion

Full-year 2021: $7.78 billion, up by 82.43% from $4.16 billion.

Key ferro-alloys prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEC-0019	Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, $/lb	01 Feb 2022	1.73	0.58%	Jan 2022	1.72
MB-FEC-0018	Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, $/lb	27 Jan 2022	1.05 - 1.07	0.00%	Jan 2022	1.05 - 1.07
MB-FEC-0017	Ferro-chrome high carbon 57-65% Cr, cif dup Japan, $/lb	27 Jan 2022	1.06 - 1.08	0.00%	Jan 2022	1.06 - 1.08
MB-FEC-0011	Ferro-chrome 50% Cr import, cif main Chinese ports, $/lb contained Cr	01 Feb 2022	1.07	0.00%	Jan 2022	1.07
MB-FEC-0005	Ferro-chrome contract 6-8% C, basis 50% Cr, ddp China, yuan/tonne	01 Feb 2022	7995 - 8195	0.00%	Jan 2022	8145 - 9248.75
MB-FEC-0006	Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	01 Feb 2022	8500 - 8800	0.00%	Jan 2022	8275 - 8600
MB-FEV-0003	Ferro-vanadium 78% V min, fob China, $/kg V	27 Jan 2022	37.89 - 38.44	0.00%	Jan 2022	37.83 - 38.61
MB-FEO-0001	Ferro-molybdenum 65% Mo min, in-whs Rotterdam, $/kg Mo	02 Feb 2022	44 - 44.8	-0.56%	Jan 2022	44.56 - 45.19
MB-FEM-0007	Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	28 Jan 2022	7500 - 7700	0.00%	Jan 2022	7400 - 7625
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, $/dmtu	28 Jan 2022	4.52	0.00%	Jan 2022	4.52
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, $/dmtu	28 Jan 2022	5.46	0.00%	Jan 2022	5.46

Steel news

US opens anti-circ probe on stainless wire

By Robert England - Wednesday 02 February

The US Department of Commerce is initiating an inquiry proceeding to determine whether imports of stainless steel round wire from Vietnam are circumventing the anti-dumping duty order imposed on South Korea, according to a notice in the Federal Register on Tuesday February 1.

The inquiry covers stainless steel wire rod from South Korea that has been cold-drawn and further processed into stainless steel round wire in Vietnam and exported into the United States.

The agency's inquiry comes in response to an allegation from North American Stainless, and will focus on whether the material imported from Vietnam involves a minor alteration to South Korean stainless steel wire rod shipped from Vietnam to the United States.

Commerce will issue questionnaires to producers and exporters in Vietnam to solicit information concerning their shipments of stainless steel round wire to the US. The agency will determine whether it should require that the Vietnamese imports be included within the scope of the countervailing duty order for South Korea.

Commerce intends to issue its final determination within 300 days, putting the deadline at approximately 10 months or December 1.

If Commerce decides to issue a preliminary affirmative determination at the end of its inquiry, the department will instruct US Customs and Border Protection to suspend liquidation and require a cash deposit of estimated duties, at the applicable rate, for each unliquidated entry of the merchandise at issue that has entered or has been withdrawn from a warehouse for consumption on or after February 1, 2022.

The majority of stainless steel wire rod in the United States is round, annealed and pickled, then later cold-finished into stainless steel wire or small-diameter bar, according to Commerce.

Fastmarkets' monthly price assessment for steel wire rod (low carbon), industrial quality, fob mill US was $64-69 per hundredweight ($1,280-1,380 per short ton) on January 18, unchanged from an all-time high on December 21, 2021, and up by 2.31% from $63-67 per cwt on November 16.

Key steel coil prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0444	Steel hot-rolled coil import, cfr main port India, $/tonne	28 Jan 2022	785 - 795	0.64%	Jan 2022	776.25 - 787.5
MB-STE-0442	Steel hot-rolled coil (commodity) export, fob main port India, $/tonne	28 Jan 2022	790 - 830	4.52%	Jan 2022	743.75 - 773.75
MB-STE-0436	Steel hot-rolled coil domestic, ex-whse India, rupees/tonne	28 Jan 2022	64500 - 65750	0.97%	Jan 2022	64125 - 65187.5
MB-STE-0144	Steel hot-rolled coil index export, fob main port China, $/tonne	28 Jan 2022	770.61	0.00%	Jan 2022	760.81
MB-STE-0154	Steel hot-rolled coil domestic, ex-whs Eastern China, yuan/tonne	28 Jan 2022	4920 - 4950	0.00%	Jan 2022	4912.63 - 4937.89
MB-STE-0158	Steel hot-rolled coil domestic, exw Northern China, yuan/tonne	28 Jan 2022	4820 - 4830	0.94%	Jan 2022	4750 - 4767.5
MB-STE-0139	Steel hot-rolled coil import, cfr Vietnam, $/tonne	28 Jan 2022	800 - 830	7.95%	Jan 2022	762.5 - 777.5
MB-STE-0435	Steel cold-rolled coil domestic, ex-whse India, rupees/tonne	28 Jan 2022	68500 - 70500	0.72%	Jan 2022	68500 - 69750
MB-STE-0443	Steel cold-rolled coil import, cfr main port India, $/tonne	28 Jan 2022	815 - 820	-0.61%	Jan 2022	813.75 - 820

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0153	Steel cold-rolled coil domestic, delivered Eastern China domestic, yuan/tonne	28 Jan 2022	5500 - 5540	1.75%	Jan 2022	5432.5 - 5472.5
MB-STE-0145	Steel cold-rolled coil export, fob China main port, $/tonne	25 Jan 2022	850 - 860	1.48%	Jan 2022	846.25 - 857.5
MB-STE-0434	Steel hot-dipped galvanized coil domestic, ex-whse India, rupees/tonne	28 Jan 2022	75500 - 77000	0.00%	Jan 2022	74750 - 76500
MB-STE-0021	Steel hot-dipped galvanized coil domestic, ex-whs Eastern China, yuan/tonne	28 Jan 2022	5720 - 5750	1.06%	Jan 2022	5662.5 - 5712.5
MB-STE-0441	Steel hot-dipped galvanized coil export, fob main port India, $/tonne	28 Jan 2022	1110 - 1130	12.56%	Jan 2022	1005 - 1022.5
MB-STE-0009	Steel galvanized coil 1mm export, fob main port China, $/tonne	25 Jan 2022	900 - 920	1.06%	Jan 2022	897.75 - 917.5

Ferrous scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0874	Steel scrap H2 export, fob main port Japan, ¥/tonne	26 Jan 2022	51000 - 52000	0.49%	Jan 2022	49500 - 51000
MB-STE-0877	Steel scrap heavy scrap (HS) export, fob main port Japan, ¥/tonne	26 Jan 2022	59500 - 60000	1.27%	Jan 2022	57000 - 57750
MB-STE-0875	Steel scrap shredded export, fob main port Japan, ¥/tonne	26 Jan 2022	58000 - 58500	3.10%	Jan 2022	54750 - 55375
MB-STE-0876	Steel scrap Shindachi bara export, fob main port Japan, ¥/tonne	26 Jan 2022	57500 - 60000	0.00%	Jan 2022	56500 - 58500
MB-STE-0464	Steel scrap HMS 1&2 (80:20 mix) US material import, cfr main port Taiwan, $/tonne	31 Jan 2022	465	0.00%	Jan 2022	444.43 - 446.86
MB-STE-0421	Steel scrap shredded, index, import, cfr Nhava Sheva, India $/tonne	01 Feb 2022	545	0.34%	Jan 2022	534.33
MB-STE-0413	Steel scrap HMS 1&2 (80:20 mix) import, cfr Nhava Sheva, India, $/tonne	28 Jan 2022	480 - 495	3.17%	Jan 2022	462.5 - 480
MB-STE-0878	Steel scrap H2 Japan-origin import, cfr Vietnam, $/tonne	28 Jan 2022	515	2.49%	Jan 2022	498.75 - 503.75
MB-STE-0783	Steel scrap HMS 1&2 (80:20), cfr Vietnam, $/tonne	28 Jan 2022	535 - 540	1.42%	Jan 2022	523.75 - 525
MB-STE-0879	Steel scrap H2 Japan origin import, cfr main port South Korea, ¥/tonne	28 Jan 2022	55500 - 56500	1.82%	Jan 2022	53750 - 55500
MB-STE-0881	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr Bangladesh, $/tonne	27 Jan 2022	557 - 560	3.43%	Jan 2022	531.75 - 541.25
MB-STE-0880	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr South Korea, $/tonne	28 Jan 2022	530 - 540	1.61%	Jan 2022	517 - 523.75

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	02 Feb 2022	375.39	0.10%	Jan 2022	351.67
MB-AL-0329	Aluminium P1020A premium, cif Taiwan, $/tonne	25 Jan 2022	160 - 185	-4.17%	Jan 2022	160 - 192.5
MB-AL-0001	Aluminium P1020A (MJP) quarterly premium, cif Japan, $/tonne	07 Jan 2022	177	-18.62%	Jan 2022	177
MB-AL-0343	Aluminium P1020A (MJP) spot premium, cif Japan, $/tonne	01 Feb 2022	150 - 170	0.00%	Jan 2022	158.13 - 178.13
MB-AL-0328	Aluminium P1020A premium, bonded in-whs, Shanghai, $/tonne	25 Jan 2022	60 - 90	15.38%	Jan 2022	60 - 90
MB-AL-0345	Aluminium P1020A premium, cif Shanghai, $/tonne	25 Jan 2022	60 - 80	16.67%	Jan 2022	60 - 80
MB-AL-0307	Aluminium P1020A premium, fca South Korea, $/tonne	01 Feb 2022	185 - 195	0.00%	Jan 2022	177.5 - 187.5
MB-AL-0344	Aluminium P1020A premium, cif South Korea, $/tonne	01 Feb 2022	170 - 180	0.00%	Jan 2022	167.5 - 177.5
MB-AL-0316	Aluminium P1020A premium, fca dp Italy, $/tonne	01 Feb 2022	510 - 540	0.96%	Jan 2022	480 - 502.5
MB-AL-0346	Aluminium P1020A premium, in-whs dup Rotterdam, $/tonne	02 Feb 2022	360 - 370	0.00%	Jan 2022	337.25 - 352.5
MB-AL-0004	Aluminium P1020A premium, in-whs dp Rotterdam, $/tonne	01 Feb 2022	445 - 475	0.00%	Jan 2022	431.25 - 461.25
MB-AL-0319	Aluminium P1020A premium, fca dp Spain, $/tonne	25 Jan 2022	490 - 500	0.00%	Jan 2022	490 - 500
MB-AL-0337	Aluminium P1020A premium, cif dup Turkey, $/tonne	25 Jan 2022	350 - 360	2.90%	Jan 2022	345 - 355
MB-AL-0020	Aluminium P1020A premium, ddp Midwest US, US cents/lb	01 Feb 2022	34 - 35	0.00%	Jan 2022	31.56 - 33.63
MB-AL-0021	Aluminium P1020A premium, delivered Sao Paulo region, $/tonne	25 Jan 2022	400 - 450	0.00%	Jan 2022	400 - 450
MB-AL-0022	Aluminium P1020A premium, cif dup Brazilian main ports, $/tonne	25 Jan 2022	420 - 450	10.13%	Jan 2022	400 - 430
MB-AL-0381	Aluminium low-carbon differential P1020A, Europe, $/tonne	07 Jan 2022	0 - 10	0.00%	Jan 2022	0 - 10
MB-AL-0377	Aluminium P1020A premium, in-whs dup Rotterdam, inferred low-carbon midpoint, $/tonne	02 Feb 2022	370	0.00%	Jan 2022	349.88
MB-AL-0378	Aluminium P1020A premium, in-whs dp Rotterdam, inferred low-carbon midpoint, $/tonne	01 Feb 2022	465	0.00%	Jan 2022	451.25

Copper premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0386	Copper grade A cathode premium, cif Taiwan, $/tonne	25 Jan 2022	85 - 95	9.09%	Jan 2022	80 - 92.5
MB-CU-0405	Copper grade A cathode premium, in-whs Shanghai, $/tonne	02 Feb 2022	50 - 72	0.00%	Jan 2022	58.2 - 77
MB-CU-0383	Copper grade A cathode ER premium, bonded in-whs Shanghai, $/tonne	02 Feb 2022	62 - 72	0.00%	Jan 2022	68.4 - 77
MB-CU-0382	Copper grade A cathode SX-EW premium, bonded in-whs Shanghai, $/tonne	02 Feb 2022	50 - 60	0.00%	Jan 2022	58.2 - 67.1
MB-CU-0403	Copper grade A cathode premium, cif Shanghai, $/tonne	02 Feb 2022	45 - 68	0.00%	Jan 2022	53.95 - 73.7
MB-CU-0380	Copper grade A cathode ER premium, cif Shanghai, $/tonne	02 Feb 2022	58 - 68	0.00%	Jan 2022	65 - 73.7
MB-CU-0384	Copper grade A cathode SX-EW premium, cif Shanghai, $/tonne	02 Feb 2022	45 - 55	0.00%	Jan 2022	53.95 - 62.55
MB-CU-0399	Copper grade A cathode premium, cif Southeast Asia, $/tonne	01 Feb 2022	85 - 95	0.00%	Jan 2022	81.25 - 91.25
MB-CU-0404	Copper grade A cathode premium, cif South Korea, $/tonne	25 Jan 2022	75 - 85	0.00%	Jan 2022	75 - 85
MB-CU-0372	Copper grade A cathode premium, delivered Germany, $/tonne	25 Jan 2022	100 - 130	-4.17%	Jan 2022	105 - 130
MB-CU-0406	Copper grade A cathode premium, cif Leghorn, $/tonne	25 Jan 2022	90 - 95	2.78%	Jan 2022	87.5 - 95

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0369	Copper grade A cathode premium, cif Rotterdam, $/tonne	25 Jan 2022	50 - 60	0.00%	Jan 2022	50 - 60
MB-CU-0002	Copper grade 1 cathode premium, ddp Midwest US, US cents/lb	01 Feb 2022	8 - 10	0.00%	Jan 2022	8 - 10
MB-CU-0411	Copper EQ cathode premium, cif Europe, $/tonne	25 Jan 2022	20 - 30	0.00%	Jan 2022	20 - 30
MB-CU-0412	Copper EQ cathode premium, cif Shanghai, $/tonne	25 Jan 2022	(30) - (20)		Jan 2022	(22.5) - (10)

Lead premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0084	Lead 99.97% ingot premium, cif Taiwan, $/tonne	25 Jan 2022	100 - 120	0.00%	Jan 2022	100 - 120
MB-PB-0083	Lead 99.99% ingot premium, cif Taiwan, $/tonne	25 Jan 2022	140 - 150	0.00%	Jan 2022	140 - 150
MB-PB-0087	Lead 99.97% ingot premium, cif India, $/tonne	01 Feb 2022	50 - 130	0.00%	Jan 2022	50 - 130
MB-PB-0086	Lead 99.99% ingot premium, cif India, $/tonne	01 Feb 2022	140 - 150	0.00%	Jan 2022	140 - 150
MB-PB-0107	Lead 99.97% ingot premium, cif Southeast Asia, $/tonne	01 Feb 2022	80 - 110	0.00%	Jan 2022	80 - 110
MB-PB-0108	Lead 99.99% ingot premium, cif Southeast Asia, $/tonne	01 Feb 2022	125 - 145	0.00%	Jan 2022	125 - 145
MB-PB-0099	Lead 99.99% ingot premium, delivered Midwest US, US cents/lb	01 Feb 2022	19 - 22	0.00%	Jan 2022	19 - 22
MB-PB-0006	Lead 99.97% ingot premium, ddp Midwest US, US cents/lb	01 Feb 2022	18 - 20	0.00%	Jan 2022	17.5 - 20

Tin premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SN-0038	Tin 99.9% ingot premium, cif Taiwan, $/tonne	25 Jan 2022	350 - 500	0.00%	Jan 2022	350 - 500
MB-SN-0002	Tin 99.9% ingot premium, in-whs Rotterdam, $ per tonne	25 Jan 2022	1000 - 1300	-4.17%	Jan 2022	1000 - 1350
MB-SN-0029	Tin 99.9% low lead ingot premium, in-whs Rotterdam, $/tonne	25 Jan 2022	1500 - 1800	-5.71%	Jan 2022	1500 - 1900
MB-SN-0036	Tin 99.85% ingot premium, in-whs Baltimore, $/tonne	25 Jan 2022	1900 - 2200	0.00%	Jan 2022	1900 - 2200
MB-SN-0011	Tin grade A min 99.85% ingot premium, ddp Midwest US, $/tonne	25 Jan 2022	2100 - 2500	0.00%	Jan 2022	2100 - 2500

Zinc premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0116	Zinc SHG 99.995% ingot premium, cif Taiwan $/tonne	25 Jan 2022	160 - 165	4.84%	Jan 2022	155 - 162.5
MB-ZN-0106	Zinc SHG min 99.995% ingot premium, cif Shanghai, $/per tonne	01 Feb 2022	80 - 90	0.00%	Jan 2022	80 - 90
MB-ZN-0119	Zinc min 99.995% ingot premium, in-whs Shanghai, $/tonne	01 Feb 2022	80 - 90	0.00%	Jan 2022	80 - 90
MB-ZN-0113	Zinc SHG 99.995% ingot premium, fca Singapore, $/per tonne	25 Jan 2022	120 - 140	-10.34%	Jan 2022	130 - 145
MB-ZN-0115	Zinc SHG 99.995% ingot premium, fca Malaysia, $/per tonne	25 Jan 2022	120 - 140	-10.34%	Jan 2022	130 - 145
MB-ZN-0093	Zinc SHG min 99.995% ingot premium, cif Southeast Asia, $/tonne	25 Jan 2022	140 - 150	-4.92%	Jan 2022	142.5 - 155
MB-ZN-0001	Zinc SHG min 99.995% ingot premium, dp fca Rotterdam, $/tonne	01 Feb 2022	350 - 400	7.14%	Jan 2022	307.5 - 352.5
MB-ZN-0099	Zinc SHG min 99.995% ingot premium, dp fca Antwerp, $/tonne	01 Feb 2022	350 - 400	7.14%	Jan 2022	307.5 - 352.5
MB-ZN-0103	Zinc SHG min 99.995% ingot premium, fca dp Italy, $/tonne	25 Jan 2022	350 - 380	0.00%	Jan 2022	350 - 380
MB-ZN-0102	Zinc SHG min 99.995% ingot premium, ddp Italy, $/per tonne	25 Jan 2022	380 - 420	0.00%	Jan 2022	380 - 420
MB-ZN-0005	Zinc SHG min 99.995% ingot premium, ddp Midwest US, US cents/lb	01 Feb 2022	20 - 24	0.00%	Jan 2022	17.75 - 22

Nickel premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0245	Nickel min 99.8% briquette premium, cif Shanghai, $/tonne	25 Jan 2022	400 - 500	0.00%	Jan 2022	400 - 500
MB-NI-0143	Nickel min 99.8% full plate premium, in-whs Shanghai, $/tonne	01 Feb 2022	360 - 380	0.00%	Jan 2022	345 - 370
MB-NI-0142	Nickel min 99.8% full plate premium, cif Shanghai, $/tonne	01 Feb 2022	350 - 380	2.82%	Jan 2022	325 - 350
MB-NI-0003	Nickel uncut cathode premium, in-whs Rotterdam, $/tonne	01 Feb 2022	90 - 110	25.00%	Jan 2022	70 - 90
MB-NI-0001	Nickel 4x4 cathode premium, in-whs Rotterdam, $/tonne	01 Feb 2022	270 - 340	19.61%	Jan 2022	220 - 290
MB-NI-0002	Nickel briquette premium, in-whs Rotterdam, $/tonne	01 Feb 2022	200 - 250	28.57%	Jan 2022	150 - 185
MB-NI-0240	Nickel 4x4 cathode premium, delivered Midwest US, US cents/lb	01 Feb 2022	55 - 65	0.00%	Jan 2022	55 - 65
MB-NI-0241	Nickel briquette premium, delivered Midwest US, US cents/lb	01 Feb 2022	75 - 100	6.06%	Jan 2022	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	02 Feb 2022	55 - 65	-14.29%	Jan 2022	50 - 72.5
MB-AL-0333	Aluminium P1020A warrant premium, in-whs Southeast Asia, $/tonne	02 Feb 2022	55 - 65	-11.11%	Jan 2022	51.25 - 75
MB-AL-0338	Aluminium P1020A warrant premium, in-whs US, $/tonne	02 Feb 2022	115 - 125	0.00%	Jan 2022	115 - 125
MB-CU-0398	Copper grade A cathode warrant premium, in-whs East Asia $/tonne	02 Feb 2022	10 - 20	0.00%	Jan 2022	10 - 20
MB-CU-0397	Copper grade A cathode warrant premium, in-whs Southeast Asia, $/tonne	02 Feb 2022	50 - 65	21.05%	Jan 2022	25 - 48.75
MB-CU-0400	Copper grade A cathode warrant premium, in-whs North Europe, $/tonne	02 Feb 2022	10 - 20	0.00%	Jan 2022	6.25 - 12.5
MB-CU-0401	Copper grade A cathode warrant premium, in-whs South Europe, $/tonne	02 Feb 2022	15 - 25	0.00%	Jan 2022	15 - 25
MB-CU-0377	Copper grade A cathode warrant premium, in-whs US, $/tonne	02 Feb 2022	10 - 25	0.00%	Jan 2022	10 - 25
MB-PB-0106	Lead min 99.97% ingot warrant premium, in-whs East Asia $/tonne	02 Feb 2022	5 - 20	0.00%	Jan 2022	5 - 20
MB-PB-0105	Lead min 99.97% ingot warrant premium, in-whs Southeast Asia $/tonne	02 Feb 2022	5 - 20	0.00%	Jan 2022	5 - 20
MB-PB-0109	Lead 99.97% ingot warrant premium, in-whs North Europe, $/tonne	02 Feb 2022	30 - 50	0.00%	Jan 2022	30 - 50
MB-PB-0110	Lead 99.97% ingot warrant premium, in-whs South Europe, $/tonne	02 Feb 2022	30 - 50	0.00%	Jan 2022	30 - 50
MB-PB-0097	Lead 99.97% ingot warrant premium, in-whs US, $/tonne	02 Feb 2022	20 - 30	0.00%	Jan 2022	20 - 30
MB-NI-0138	Nickel min 99.8% briquette warrant premium, in-whs Southeast Asia, $/tonne	02 Feb 2022	50 - 60	0.00%	Jan 2022	50 - 60
MB-NI-0140	Nickel min 99.8% briquette warrant premium, in-whs East Asia, $/tonne	02 Feb 2022	50 - 60	0.00%	Jan 2022	50 - 60
MB-NI-0137	Nickel min 99.8% full plate warrant premium, in-whs Southeast Asia, $/tonne	02 Feb 2022	30 - 45	0.00%	Jan 2022	30 - 45
MB-NI-0139	Nickel min 99.8% full plate warrant premium, in-whs East Asia, $/tonne	02 Feb 2022	30 - 45	0.00%	Jan 2022	30 - 45
MB-NI-0141	Nickel min 99.8% warrant premium, in-whs North Europe, $/tonne	02 Feb 2022	50 - 200	0.00%	Jan 2022	50 - 181.25
MB-SN-0042	Tin min 99.85% ingot warrant premium, in-whs South East Asia, $/tonne	02 Feb 2022	50 - 100	0.00%	Jan 2022	50 - 125
MB-ZN-0117	Zinc SHG min 99.995% warrant premium, in-whs North Europe, $/tonne	02 Feb 2022	80 - 100	0.00%	Jan 2022	80 - 100
MB-ZN-0104	Zinc SHG min 99.995% warrant premium, in-whs US, $/per tonne	02 Feb 2022	10 - 15	0.00%	Jan 2022	10 - 15
MB-ZN-0123	Zinc SHG min 99.995% warrant premium, in-whs Southeast Asia, $/tonne	02 Feb 2022	10 - 20	0.00%	Jan 2022	10 - 25

Coking coal/coke markets

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

Coking coal/coke/PCI news

SSAB reports record quarterly results on elevated steel prices

By Elina Virchenko - Wednesday 02 February

A summary of the financial results for Swedish steelmaking group SSAB for the fourth quarter and full year of 2021.

In brief

• The full year of 2021 was the best in SSAB's history, with record results reported by all divisions, attributed to high steel prices.

• Fastmarkets' steel hot-rolled coil index, domestic, exw Northern Europe, averaged €998.21 ($1,123.08) per tonne in December 2021, compared with €530.72 per tonne a year earlier.
• SSAB, together with its partners, assisted in the green transition of the steel industry through the Hybrit initiative to produce fossil-fuel-free direct-reduced iron (DRI).
• Against a backdrop of a strong increase in demand for fossil-free steel, SSAB announced plans to transform its Nordic strip production by replacing the existing system with mini-mills, which will also offer a broader product program and improve cost-efficiency.
• Capital expenditure, including maintenance and strategic investments, were planned to increase in 2022 to around 5 billion Swedish kronor ($538 million) primarily by converting production to fossil-free steelmaking in Oxelösund. This would compare with capex of 3.02 billion kronor in 2021, including strategic investments of 835 million kronor in Mobile and Oxelösund.

SSAB Group results, October-December 2021
(Year-on-year change)

Revenue
27.337 billion Swedish kronor ($2.94 billion), up by 60.92% from 16.988 billion kronor

Earnings before interest, taxes, depreciation and amortization (Ebitda)
7.75 billion kronor, up by 438.78% from 1.44 billion kronor

Operating profit
6.96 billion kronor, up by 1,149% from 557 million kronor

Crude steel production
2.07 million tonnes, down by 4% from 2.16 million tonnes

Rolling production
1.82 million tonnes, down by 8% from 1.97 million tonnes

Steel shipments
1.595 million tonnes, down by 10% from 1.78 milllion tonnes

SSAB Special Steels revenue
6.55 billion kronor, up by 61% from 4.07 billion kronor

SSAB Europe revenue
12.45 billion kronor, up by 67% from 7.47 billion kronor

SSAB Americas revenue
6.15 billion kronor, up by 78% from 3.45 billion kronor

SSAB Group results, full year 2021
(Year-on-year change)

Revenue
95.89 billion kronor, up by 46.63% from 65.40 billion kronor

Profit/loss
14.67 billion kronor profit, up from loss of 490 million kronor

Outlook for Q1 2022
The company expected good demand for steel during the first quarter of 2022 in all markets, albeit with continued uncertainty due to the spread of Covid-19, a shortage of components and bottlenecks in logistics chains.

Shipments by SSAB Europe, SSAB Special Steels and SSAB Americas were expected to be higher during the first quarter of 2022 compared with October-December 2021.

For SSAB Europe, however, prices were expected to be lower, while prices for of SSAB Special Steels and SSAB Americas were expected to be stable.

SSAB's iron ore costs were expected to increase quarter on quarter in January-March 2022 on rising iron ore prices. This, together with higher coking coal prices, was expected to affect earnings in the first quarter of this year.

Coking coal/coke/PCI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-COA-0003	Premium hard coking coal, fob DBCT, $/dmt	31 Jan 2022	442.3	-0.14%	Jan 2022	409.69
MB-COA-0005	Premium hard coking coal, cfr Jingtang, $/dmt	31 Jan 2022	405.28	0.00%	Jan 2022	385.13
MB-COA-0004	Hard coking coal, fob DBCT, $/dmt	31 Jan 2022	390.21	0.00%	Jan 2022	355.89
MB-COA-0002	Hard coking coal, cfr Jingtang, $/dmt	Wednesday 02 February	360.68	0.00%	Jan 2022	346.46

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-COA-0001	Hard coking coal domestic China spot market, Shanxi-origin, delivered Tangshan, yuan/tonne	24 Jan 2022	2675 - 3040	0.00%	Jan 2022	2608.33 - 3000
MB-COA-0008	PCI low-vol, fob DBCT, $/dmt	28 Jan 2022	295.1	1.72%	Jan 2022	270.09
MB-COA-0007	PCI low-vol, cfr Jingtang, $/dmt	28 Jan 2022	283.74	-1.20%	Jan 2022	272
MB-COA-0006	Coke 65% CSR, fob China, $/tonne	25 Jan 2022	560 - 580	-5.39%	Jan 2022	563.75 - 582.5

Copper raw materials

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

Top stories

Britishvolt, Glencore to develop battery recycling ecosystem in UK

By Andrea Hotter - Thursday 03 February

Britishvolt and Glencore are to develop a new ecosystem for battery recycling in the United Kingdom at the site of the mining and marketing company's Britannia Refined Metals (BRM) operation in Northfleet, Kent, the investor in battery cell technologies and research and development said.

The move builds on a strategic partnership announcement in August 2021, in which Glencore said it would supply responsibly-soured cobalt to Britishvolt.

It will mark a return to recycling for BRM, with the goal of supporting the creation of a circular economy that supplies recycled materials and minerals back into the battery supply chain.

Once complete, the plant will be Glencore and Britishvolt's first battery recycling facility in the United Kingdom. It is expected to have a processing capacity of a minimum of 10,000 tonnes of lithium-ion batteries per year, including but not limited to valuable battery manufacturing scrap, portable electronics batteries and full electric vehicle (EV) packs.

The facility will process all Britishvolt's valuable battery manufacturing scrap from its gigafactory in Blyth, Northumberland. At capacity, the gigaplant will produce enough cells for over 300,000 EV battery packs per year, intended primarily for the automotive industry.

BRM - the largest primary lead producer in Europe, producing primary lead from Glencore's Mount Isa and third-party lead and silver bullion - will continue with its current production and trading operations.

The recycling facility is expected to be operational by mid-2023 with the long-term aim of being 100% powered by renewable energy

Recycling

Both companies believe that battery recycling will form a key part of the energy transition, efficiently recovering the critical metals needed to move away from fossil fuels and slash carbon emissions, Britishvolt said.

The Britishvolt-Glencore partnership will also look to develop other recycling activities such as black mass refining into battery grade raw materials, Britishvolt noted.

The partnership also aims to research how to make the recycling of EV batteries easier and more cost effective, maximizing their supply chain value and to influence legislation, including increasing regulation of recycling and environmental, social and governance (ESG) requirements.

According to Timon Orlob, Britishvolt global chief operating officer, recycling is key to a successful energy transition and has always been a major part of Britishvolt's business model.

"We've been looking for the perfect partner to help kick start a UK battery recycling industry and FTSE100-listed Glencore has expert historical experience in recycling," Orlob said.

"This joint venture will help us both to create a truly sustainable battery value-chain, create jobs and develop new battery recycling technologies. Both Britishvolt and Glencore are fully committed to reducing carbon across the supply chain," he added.

According to Britishvolt, the partnership will also allow it to assist its original equipment manufacturers (OEMs) customers on their path to sustainability by offering hedging opportunities against swings in raw materials prices.

Glencore has multi-decade experience in recycling, which is one of the company's seven core pathways to achieve net-zero carbon emissions by 2050.

"We believe the opportunity to utilize BRM's operations as a cutting-edge battery recycling facility will help support the development of a United Kingdom battery recycling industry," Glencore's head of cobalt trading David Brocas said.

"It will also play a part in furthering the United Kingdom's climate ambitions as well as Glencore's as we work towards net-zero total emissions by 2050," he added.

Copper concentrate news

US copper premium remains stable in watchful market

By Yasemin Esmen - Wednesday 02 February

Copper spot premiums were stable in the United States in the week to Tuesday February 1, with market participants watching for developments in international relations and in the US stock market, while elevated transport costs continued to cause concern.

• The spot market was quiet while most transactions continued under yearly contracts.

• Market participants were wary of international tensions and a volatile stock market.

• East Asian markets were closed for the region's lunar new year holidays.

The copper grade 1 cathode premium, ddp Midwest US, was stable on February 1 at 8-10 cents per lb, unchanged since late November last year, amid minimum activity in the spot market.

"The copper [premium] stays strong," one veteran trader said.

The spot market was generally quiet, with only a few deals reported within Fastmarkets' range.

Although business was satisfactory to many market participants, sources expressed concerns that the volatility in the stock market and the underlying copper price were making market participants cautious.

"The copper market was up in the morning, then down, then up again... It is a narrow trading range but [the market] doesn't seem to have stability," a second trader said on Monday.

This had more to do with market participants' confidence than with the physical availability of the metal, he said, because "there is no [metal] shortage or excessive demand. And there is no relief in transportation costs."

Ocean freight costs were reported to have remained 8-9 times higher than their pre-Covid-pandemic levels, while truckload rates per mile were expected to be 28.2% higher in the first quarter of 2022 than before the pandemic.

Political issues were also making spot-market buyers uneasy, sources said.

"There is too much commotion and uncertainty around the world," the second trader said. "Russia-Ukraine, China-Taiwan... Everyone is keeping their ears to the ground, just hoping for the best."

Chile copper output down 1.9%, Escondida down 14.8% in '21: Cochilco

By Ana de Liz - Wednesday 02 February

Chilean copper production fell by 1.9% in 2021 from 2020 to a multi-year low of 5.623 million tonnes, copper commission Cochilco said on Wednesday February 2

This is the lowest total since 2017 when Chile produced 5.503 million tonnes of copper, according to Cochilco's figures.

Output in the last month of the year was 497,200 tonnes, down from 500,400 tonnes in December 2020 but up from November 2021's total of 482,100 tonnes.

Output was lower at nearly all the copper mines in the country in 2021 than in 2020, Cochilco's report showed, including at BHP's Escondida, the world's largest copper mine.

Escondida produced 1.011 million tonnes of copper last year, down from 1.187 million tonnes in 2020.

According to Cochilco, output from state-owned copper producer Codelco was marginally higher in 2021, however - its mines produced 1,727,900 tonnes, up by 600 tonnes from 2020.

Growth in output was marked at Codelco's El Teniente mine, where production was up by 3.7% at 459,800 tonnes from 443,200 tonnes in 2020. All of Codelco's other mines, including Salvador or Andina, reported lower production, according to Cochilco.

Production at Andina, which had to contend with weeks of strikes in September from workers and supervisors fell by 3.9% in 2021 to 117,300 tonnes from 184,500 tonnes in 2020.

Production at Collahuasi, which has Anglo American, Glencore and Mitsui & Co as shareholders, was up slightly at 630,000 tonnes from 629,100 tonnes in 2020.

The biggest growth reported to Cochilco came form the Candelaria and Spence mines, where production increased by 25.1% and 38.4% in 2021 to 118,600 tonnes and 674,400 tonnes respectively.

Candelaria is operated by Lundin Mining while Spence is part of BHP's Pampa Norte operation, which also includes the Cerro Colorado mine. Cerro Colorado output fell by 16.7% to 57,400 tonnes in 2021.

Fastmarkets calculated its copper concentrate TC index, cif Asia Pacific at $58.50 per tonne on January 28, up by 2.45% from $57.10 per tonne a week earlier. Availability increased in the week to the assessment, with no major disruptions reported so far in 2022, leading to the rebound in the index.

Participants are, however, focused on developments surrounding Chile's new mining royalty bill - the government intends to impose a new tax both on copper sales on and profits. The bill cleared a further regulatory hurdle last week, getting approval from the senate's mining and energy commission.

Grupo México Q4 earnings soar on higher prices, but Cu, Zn output down

By Renato Rostás - Wednesday 02 February

A summary of production results and earnings figures for the mining division of Grupo Mexico in the fourth quarter and full year of 2021, as shown in the company's latest quarterly report released on Tuesday February 1.

In brief

• Both fourth-quarter and full-year copper output were lower year on year due to reduced production at all mines except Cuajone, in Peru.

• According to its subsidiary Southern Copper Corp (SCC), copper grades in mined ore and recovery levels continued to drop toward the end of the year, further reducing output.
• Revenues and earnings increased significantly, however, due to higher metal prices on the London Metal Exchange.
• Full-year 2021 operating cash costs averaged $0.84 per lb, falling from $0.85 per lb a year before amid higher prices for byproducts such as gold, silver and molybdenum.
• Development of projects in Mexico continued as normal, with Buenavista Zinc expected to initiate operations in 2023, the Pilares copper concentrate plant scheduled to start up in the second half of 2022, and the El Pilar copper mine in 2024.
• In Peru, SCC was still awaiting authorization to begin activities at the Tía María copper plant, whose development was stopped by the government due to community protests, while the Los Chancas copper-molybdenum project was still expected to start up in 2027 and Michiquillay was scheduled for 2028.

Key figures (year-on-year percentage change)
Copper production
Fourth quarter: 269,152 tonnes, down by 7.17% from 289,939 tonnes

Full-year 2021: 1.08 million tonnes, down by 3.91% from 1.13 million tonnes

Copper sales volumes
Fourth quarter: 256,988 tonnes, down by 11.94% from 291,841 tonnes

Full-year 2021: 1.06 million tonnes, down by 6.67% from 1.13 million tonnes

Zinc production
Fourth quarter: 16,487 tonnes, down by 1.65% from 16,763 tonnes

Full-year 2021: 66,958 tonnes, down by 2.86% from 68,930 tonnes

Zinc sales volumes
Fourth quarter: 20,921 tonnes, down by 22.49% from 26,991 tonnes

Full-year 2021: 91,570 tonnes, down by 12.58% from 104,752 tonnes

Net sales, mining division
Fourth quarter: $3.10 billion, up by 17.78% from $2.63 billion

Full-year 2021: $12.09 billion, up by 41.11% from $8.57 billion

Earnings before interest, taxes, depreciation and amortization (Ebitda), mining division
Fourth quarter: $1.87 billion, up by 30.30% from $1.43 billion

Full-year 2021: $7.78 billion, up by 82.43% from $4.16 billion.

Trafigura, Mubadala close sale of Spanish copper, zinc, lead mining complex

By Callum Perry - Wednesday 02 February

Trafigura and Mubadala Investment Co have finalized the sale of the Minas de Aguas Teñidas (Matsa) copper, zinc and lead mining complex in Spain to Australian mining and exploration company Sandfire Resources.

The multinational commodity trading company and Emirati sovereign wealth fund said the $1.87 billion sale of the copper, zinc and lead asset to Sandfire, which was announced by the Australian company in September 2021, was completed on Tuesday February 1 - subject to regulatory approvals.

The Matsa mining complex is in Andalusia in southwest Spain and consists of three underground mines and a 4.7 million-tonnes-per-year processing facility.

The site produces copper, zinc and lead mineral concentrates, which are then shipped out from the port city of Huelva.

The site produced 536,000 tonnes of concentrate in 2021, including 197,000 tonnes of polymetallic copper, 95,000 tonnes of cupriferous copper, and 196,000 tonnes of zinc concentrate.

"Our vision for Sandfire is to become an international diversified and sustainable mining company. The completion of this transaction represents a major step closer to realizing this aspiration," Sandfire managing director and chief executive Karl Simich said.

As part of the terms of sale, Trafigura will retain the life-of-mine offtake agreement for 100% of the Matsa output.

The sale comes just as zinc and lead benchmark concentrate treatment charge negotiations are beginning, with some market participants expecting to see a rise because the increase in availability has to be set against rising production costs for smelters in Europe and elsewhere.

Analysts at merchant bank Citi forecast in December that production disruptions in Europe could result in a zinc market supply deficit of 260,000 tonnes in the first half of 2022.

Fastmarkets assessed the zinc spot concentrate TC, cif China at $110-135 per tonne on January 28.

Supply tightness has already begun to affect the refined zinc market in Europe, with spot premiums for special high-grade zinc reaching new record levels on February 1. Fastmarkets assessed the zinc SHG min 99.995% ingot premium, dp fca Rotterdam at $350-400 per tonne on Tuesday, an increase of $20 on the previous range.

And Fastmarkets assessed the copper treatment charge index, cif Asia Pacific at $58.50 per tonne on January 28.

Glencore's lead output falls 14% in 2021; cobalt, FeCr production up

By Ana de Liz - Wednesday 02 February

A summary of Glencore's production results for the full year 2021, released by the company on Wednesday February 2.

In brief

- Compared with 2020, Glencore's production of copper, nickel, zinc and lead from its own mining assets all fell on a full-year basis.
- Furthermore, zinc production fell by 16% to 161,000 tonnes and lead production dropped by 25% to 48,900 tonnes in the fourth quarter of 2021, while nickel production rose by 10% to 31,200 tonnes.
- Glencore says the drop in copper production was due to the disposal of the Mopani mine in Zambia, expected lower grades at the Antapaccay mine in Peru and lower copper by-product output from its mature zinc and lead mines.
- "Lengthy scheduled statutory shutdown and maintenance issues" at Murrin Murrin in early 2021 accounted for the lower nickel production, the company said.
- The "expected decline" in the Maleevsky mine in Kazakhstan, lagged by the slower-than-expected ramp-up of the new Zhairem mine, together with lower grades at the Kidd mine contributed to the lower zinc mine production, Glencore said, partially offsetting stronger zinc production in Antamina.
- Following the company's announcement in the final quarter of 2021 that it would be reducing production at its European smelters due to high energy prices, production of refined zinc at Glencore's Portovesme, San Juan de Nieva, Nordenham and Northfleet plants totaled 195,500 tonnes in the fourth quarter, down by 4% from 2020. Overall production for the full year was at 800,600 tonnes, however, up 2% from the previous year.
- Glencore reported substantially higher ferro-chrome and cobalt production in 2021 compared with a year earlier, which the company attributed to the higher operating performance in South Africa on the former, and the "limited restart of production" at Mutanda, for the latter.
- The company noted it completed the disposal of the Ernest Henry copper mine in Australia in January 2022.
- Production guidance has been maintained, with the company noting that "changes, if any, to the guidance will be updated in April" together with its first quarter 2022 production report.

Full year 2021 production
(year-on-year percentage change)

Copper
1.195 million tonnes, down by 5%

Cobalt
31,300 tonnes, up 14%

Zinc
1.117 million tonnes, down 4%

Lead
222,300 tonnes, down by 14%

Nickel
102,300 tonnes, down 7%

Ferro-chrome
1.468 million tonnes, up 43%

Gold
809,000 oz, down 12%

Silver
35.519 million oz, down by 4%

Guidance for 2022

Copper

1.120 million - 1.180 million tonnes

Cobalt
45,000 - 51,0000 tonnes

Zinc
1.080 million - 1.140 million tonnes

Nickel
110,000 - 120,000 million tonnes

Lead
240,000 tonnes average for 2022-2024

Ferro-chrome
1.430 million - 1.490 million tonnes

Key quotes - Gary Nagle, chief executive officer
"The operating environment remained challenging in 2021, with the Covid-19 pandemic again dominating the daily lives of many of our colleagues, families, local communities and society at large."

"Maintaining production in 2021 became increasingly important as many of our products, so crucial for decarbonization, energy supply and industrial output, saw higher levels of demand. Overall, our operations largely performed in line with guidance expectations."

Key copper raw materials prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0287	Copper concentrates TC index, cif Asia Pacific, $/tonne	28 Jan 2022	58.5	2.45%	Jan 2022	58.58
MB-CU-0288	Copper concentrates RC index, cif Asia Pacific, US cents/lb	28 Jan 2022	5.85	2.45%	Jan 2022	5.86
MB-CU-0409	Copper blister 98-99% RC annual benchmark, cif China, $/tonne	31 Dec 2021	145 - 165	6.90%	Jan 2022	145 - 165
MB-CU-0408	Copper blister 98-99% RC spot, cif China, $/tonne	31 Jan 2022	150 - 170	0.00%	Jan 2022	150 - 170
MB-CU-0512	No1 copper material, RCu-2A,1B (candy/berry), cif China, LME/Comex discount, US cents per lb	31 Jan 2022	9 - 12	-4.55%	Jan 2022	9 - 12
MB-CU-0360	No2 copper material, RCu-2B (birch/cliff), cif China, LME/Comex discount, US cents per lb	31 Jan 2022	22 - 25	-9.62%	Jan 2022	22 - 25
MB-CU-0422	Copper concentrates counterparty spread, $/tonne	01 Feb 2022	8.13	-15.14%	Jan 2022	9.58
MB-CU-0423	Copper Concentrates Co-VIU, $/tonne	01 Feb 2022	(0.17)		Jan 2022	(0.45)
MB-CU-0508	Copper concentrates TC implied smelters purchase, cif Asia Pacific, $/tonne	28 Jan 2022	63.29	2.26%	Jan 2022	63.37
MB-CU-0510	Copper concentrates RC implied smelters purchase, cif Asia Pacific, cents/lb	28 Jan 2022	6.33	2.26%	Jan 2022	6.34
MB-CU-0509	Copper concentrates TC implied traders purchase, cif Asia Pacific, $/tonne	28 Jan 2022	53.71	2.68%	Jan 2022	53.79
MB-CU-0511	Copper concentrates RC implied traders purchase, cif Asia Pacific, cents/lb	28 Jan 2022	5.37	2.68%	Jan 2022	5.38

Ferro-alloy markets

Source: dashboard.fastmarkets.com/m/1746b0c9-25c5-4ffd-b531-bdec474d8481

Bulk ores & alloys news

Glencore boosts ferro-chrome output in 2021

By Claire Patel-Campbell - Wednesday 02 February

Glencore achieved a significant increase in ferro-chrome output during 2021, it said in its latest annual production report published on Wednesday February 2.

In its full-year production results for 2021, the company reported a 43% increase in ferro-chrome output year-on-year, with attributable production of nearly 1.5 million tonnes.

Through its 79.5% stake in the Glencore-Merafe Chrome Venture, the company has interests in the Helena, Magareng and Thorncliffe chrome mines, on the Eastern Limb of the Bushveld Igneous Complex; the Waterval and Kroondal chrome mines near Rustenburg on the Western Limb of the Bushveld Igneous Complex; and the Rietvly silica mine, near Rustenburg. All these assets are in South Africa.

Through the chrome venture, it also has interests in the Boshoek, Wonderkop and Rustenburg smelter complexes, near Rustenburg; and the Lion and Lydenburg smelter complexes near Steelpoort and Lydenburg respectively.

The increase in ferro-chrome production mainly reflected the Covid-19-related South African national lockdown in the preceding year, the company said, as well as a strong operating performance during 2021.

At the same time, chief executive Gary Nagle acknowledged the continuing effects of the pandemic worldwide.

"The operating environment remained challenging in 2021, with the Covid-19 pandemic again dominating the daily lives of many of our colleagues, families, local communities and society at large," he said.

"As a responsible operator, our top priority is to protect the safety and health of our people and the communities that host our businesses," he added. "Maintaining production in 2021 became increasingly important because many of our products - so crucial for decarbonization, energy supply and industrial output - saw higher levels of demand."

Covid-19 in South Africa

The first Covid-19 lockdown in South Africa began on March 23, 2020, for a period of three weeks. Glencore placed its ferroalloys operations on care and maintenance as a result.

Its ferro-chrome smelting operations were suspended in the second quarter of 2020, followed by a phased restart. The Lydenburg smelter was put on extended care and maintenance, with the remaining four smelters fully operational from the fourth quarter of 2020.

The South African lockdown was extended until the end of April 2020, followed by a phased lifting of restrictions, which included allowing miners to produce at no more than 50% capacity as of April 16, 2020.

In Glencore's 2020 production report, then-chief executive Ivan Glasenberg said that Covid-19-related mandatory suspensions and international mobility restrictions had significantly affected that year's production of ferro-chrome in South Africa.

In 2020, the company produced 1.03 million tonnes of ferro-chrome, compared with 1.44 million tonnes in 2019.

Across South Africa, the pandemic had a pronounced effect on chrome production after the announcement of the lockdown, with Samancor declaring *force majeure* at the time, along with Tharisa, which made the declaration on its contracted chrome concentrate sales agreements.

At the end of March 2020, high-carbon ferro-chrome prices in Europe rose sharply, with uncertainty mounting over future supply from South Africa. Chrome producers were among those unable to export material, because they faced shortages of necessary staff and a lack of road and rail transport.

By December 2020, while the pandemic continued to weigh heavily on countries across Europe and they battled a second major wave of infections, the influence on the market of the situation in South Africa had become less dominant, although the after-effects lingered into 2021 in relation to logistics.

According to data published by the South African Department of Mineral Resources & Energy, national monthly chrome ore output (covering material with more than 40% Cr2O3) recovered over the course of 2021, with the most recently published production figures (October 2021) showing 1.62 million tonnes, close to levels seen before the onset of the pandemic.

In April 2020, output dropped as low as 181,474 tonnes, but climbed steadily when restrictions were removed across the country. According to the latest data, production peaked in July 2021, at 1.73 million tonnes, and declined slightly at least until October 2021.

By the autumn of 2021, rapidly rising energy prices globally were the dominant factor affecting chrome ore and alloy markets, alongside continuing freight and logistics challenges, carrying on into 2022.

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Chrome ore

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CHO-0003	Chrome ore South Africa UG2/MG concentrates index, cif China, $/tonne	01 Feb 2022	185	0.00%	Jan 2022	175.25
MB-CHO-0002	Chrome ore Turkish lumpy 40-42%, cfr main Chinese ports, $/tonne	01 Feb 2022	300 - 310	0.00%	Jan 2022	300 - 310

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	27 Jan 2022	2.1 - 2.25	0.00%	Jan 2022	

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEC-0001	Ferro-chrome low phosphorous, min 65% Cr, max 0.015% P, delivered Europe, $/lb	01 Feb 2022	1.76 - 2.05	0.00%	Jan 2022	1.78 - 2.01
MB-FEC-0017	Ferro-chrome high carbon 57-65% Cr, cif dup Japan, $/lb	27 Jan 2022	1.06 - 1.08	0.00%	Jan 2022	1.06 - 1.08
MB-FEC-0018	Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, $/lb	27 Jan 2022	1.05 - 1.07	0.00%	Jan 2022	1.05 - 1.07
MB-FEC-0021	Ferro-chrome high carbon 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, $/lb Cr	01 Feb 2022	1.72 - 1.99	0.54%	Jan 2022	1.72 - 1.96
MB-FEC-0020	Ferro-chrome high carbon 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, $/lb Cr	01 Feb 2022	1.25 - 1.5	0.00%	Jan 2022	1.3 - 1.5
MB-FEC-0011	Ferro-chrome 50% Cr import, cif main Chinese ports, $/lb contained Cr	01 Feb 2022	1.07	0.00%	Jan 2022	1.07
MB-FEC-0006	Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	01 Feb 2022	8500 - 8800	0.00%	Jan 2022	8275 - 8600
MB-FEC-0005	Ferro-chrome contract 6-8% C, basis 50% Cr, ddp China, yuan/tonne	01 Feb 2022	7995 - 8195	0.00%	Jan 2022	8145 - 9248.75
MB-FEC-0019	Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, $/lb	01 Feb 2022	1.73	0.58%	Jan 2022	1.72
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 Jan 2022	1.8	0.00%	Jan 2022	1.8
MB-FEC-0014	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, $/lb	27 Jan 2022	3.65 - 3.75	0.00%	Jan 2022	
MB-FEC-0013	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, $/lb	27 Jan 2022	3.8 - 3.85	0.00%	Jan 2022	
MB-FEC-0015	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, $/lb	27 Jan 2022	3.55 - 3.6	0.00%	Jan 2022	
MB-FEC-0003	Ferro-chrome 0.10% C, average 65-70% Cr, delivered Europe, $/lb Cr	01 Feb 2022	3.8 - 4.3	0.75%	Jan 2022	3.68 - 4.31
MB-FEC-0002	Ferro-chrome low carbon, 65% Cr, max 0.06% C, delivered Europe, $/lb Cr	01 Feb 2022	3.84 - 4.34	0.74%	Jan 2022	3.72 - 4.35

Manganese ore

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MNO-0002	Manganese ore 37% Mn, fob Port Elizabeth, $/dmtu	28 Jan 2022	3.41	2.10%	Jan 2022	3.34
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, $/dmtu	28 Jan 2022	5.46	0.00%	Jan 2022	5.46
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, $/dmtu	28 Jan 2022	4.52	0.00%	Jan 2022	4.52
MB-MNO-0004	Manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin China, yuan/dmtu	28 Jan 2022	34.4	0.00%	Jan 2022	34.25
MB-MNO-0005	Manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin China, yuan/dmtu	28 Jan 2022	43.9	0.92%	Jan 2022	43.18

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	28 Jan 2022	7500 - 7700	0.00%	Jan 2022	7400 - 7625
MB-FEM-0006	Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	28 Jan 2022	1525 - 1575	0.00%	Jan 2022	1512.5 - 1562.5
MB-FEM-0002	Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	27 Jan 2022	315 - 320	0.00%	Jan 2022	315 - 320
MB-FEM-0004	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, $/lb	27 Jan 2022	2.55 - 2.6	0.00%	Jan 2022	
MB-FEM-0003	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, US cents/lb	27 Jan 2022	255 - 260	0.00%	Jan 2022	255 - 260
MB-FEM-0001	Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, $/long ton	27 Jan 2022	2600 - 2650	0.00%	Jan 2022	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	28 Jan 2022	7900 - 8200	0.00%	Jan 2022	7875 - 8150
MB-SIM-0004	Silico-manganese 65% Mn min, min 16% Si, fob India, $/tonne	28 Jan 2022	1470 - 1520	0.00%	Jan 2022	1460 - 1515
MB-SIM-0002	Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	28 Jan 2022	1550 - 1600	0.00%	Jan 2022	1550 - 1600
MB-SIM-0005	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, $/lb	27 Jan 2022	1.2 - 1.25	0.00%	Jan 2022	
MB-SIM-0003	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, US cents/lb	27 Jan 2022	120 - 125	0.00%	Jan 2022	120 - 125

Ferro-silicon

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FES-0003	Ferro-silicon 75% Si, in-whs Pittsburgh, $/lb	27 Jan 2022	3.3 - 3.35	-0.60%	Jan 2022	
MB-FES-0005	Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	28 Jan 2022	2800 - 3300	-1.61%	Jan 2022	2825 - 3300
MB-FES-0004	Ferro-silicon 75% Si min export, fob China, $/tonne	02 Feb 2022	2000 - 2100	0.00%	Jan 2022	2000 - 2075
MB-FES-0001	Ferro-silicon 75% Si min, in-whs China, yuan/tonne	02 Feb 2022	9500 - 9600	0.00%	Jan 2022	9400 - 9550

Noble ores & alloys news

Titanium markets hold ahead of likely new scrap deals

By Declan Conway - Wednesday 02 February

Key data from Fastmarkets' pricing session in Europe on Wednesday February 2.

FERRO-TITANIUM 70% TI, MAX 4.5% AL
(in $ per kg, ddp Europe)

New price	Previous price	Change to midpoint of range	Midpoint % change
7.70-8.00	7.70-8.00	0	0

TITANIUM SCRAP TURNINGS, UNPROCESSED TYPE 90/6/4, 0.5% SN MAX
(in $ per lb, cif Europe)

New price	Previous price	Change to midpoint of range	Midpoint % change
1.80-2.00	1.80-2.00	0	0

TITANIUM SCRAP TURNINGS, UNPROCESSED TYPE 90/6/4, 0.5-2% SN MAX
(in $ per lb, cif Europe)

New price	Previous price	Change to midpoint of range	Midpoint % change
1.80-1.90	1.80-1.90	0	0

Source: Fastmarkets

Key drivers

- European ferro-titanium prices were unchanged for the eight consecutive week on Wednesday February 2, with suppliers holding their offer prices due to persistently tight scrap availability. Consumer demand for ferro-titanium has been at negligible levels this year, with steelmakers well covered.
- Titanium scrap markets in Europe have been flat for at least five months now; suppliers report they are servicing existing contracts and preparing for new delivery settlements into ferro-titanium producers later in February.

Key quotes

"Available scrap volumes in Europe are not enough for all, sourcing has to be worldwide, and raw materials now even go from parts of Asia to South America. Compared with pre-Covid times, this business trend has increased considerably, but transport costs are a problem. You have to think carefully about where it makes sense to buy from and what additional costs will be incurred until the raw materials are ready for use," - Europe-based scrap supplier

"It is very quiet on the [ferro-titanium] demand side and extremely tight on the scrap side. There is now also a sponge shortage developing, prompting smelters to start stockpiling vacuum-grade scrap. It is a stand-off at the moment, with virtually no movement in prices. The Ukrainian situation [with Russia], at least for now, has had little impact on titanium supply, but that might change quickly," - Russian ferro-titanium trader

Trade log: Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, $/kg V

By pricing@fastmarkets.com - Wednesday 02 February

The Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, $/kg V 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 Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, $/kg V at 38.00-39.00 on Wednesday February 02, 2022.

- Prices indicated at $38.00-39.00
- Offer at $38.00-39.00
- Sale at $38.55 for 5 tonnes
- Offer at $39.00-40.00
- Prices indicated at $38.00-39.00
- Prices indicated at $38.00-39.00
- Prices indicated at $38.50-39.00
- Offer at $38.50
- Sale at $37.70 for 10 tonnes
- Prices indicated at $38.00-39.00
- Offer at $38.00
- Offer at $38.50
- Offer at $39.40
- Prices indicated at $38.00-39.40
- Sale at $39.00 for 5 tonnes
- Sale at $38.59 for 20 tonnes

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: Ferro-molybdenum 65% Mo min, in-whs Rotterdam, $/kg Mo

By pricing@fastmarkets.com - Wednesday 02 February

The Ferro-molybdenum 65% Mo min, in-whs Rotterdam, $/kg Mo 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 Ferro-molybdenum 65% Mo min, in-whs Rotterdam, $/kg Mo at 44.00-44.80 on Wednesday February 02, 2022.

- Prices indicated at $44.50
- Prices indicated at $44.50-45.00
- Prices indicated at $43.80-44.25
- Sale at $44.10 for 5 tonnes (discarded as below minimum tonnage)
- Prices indicated at $44.00
- Prices indicated at $43.80-44.20
- Sale at $44.80 for 10 tonnes
- Offer at $45.00 for 5 tonnes (discarded as below minimum tonnage)
- Prices indicated at $44.30-45.00
- Offer at $44.30
- Offer at $43.80 (discarded due to lack of clarity on terms)
- Sale at $44.60 for 5 tonnes (discarded as below minimum tonnage)
- Sale at $44.80 for 1 tonne (discarded as below minimum tonnage)
- Prices indicated at $44.60
- Prices indicated at $44.00

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: Ferro-tungsten basis 75% W, in-whs dup Rotterdam, $/kg W

By pricing@fastmarkets.com - Wednesday 02 February

The Ferro-tungsten basis 75% W, in-whs dup Rotterdam, $/kg W 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 Ferro-tungsten basis 75% W, in-whs dup Rotterdam, $/kg W at 41.50-42.00 on Wednesday February 02, 2022.

- Deal heard at $42.00 for 5 tonnes
- Purchase at $40.00 (discarded as outside specification)
- Offer at $41.80
- Sale at $41.50
- Sale at $42.00 for 1 tonne (discarded as below minimum tonnage)
- Offer at $41.90
- Deal heard at $41.50
- Prices indicated at $41.50
- Prices indicated at $41.80-42.50
- Sale at $42.00 for 5 tonnes
- Purchase at $41.70
- Sale at $41.80 for 10 tonnes
- Prices indicated at $41.50
- Offer at $43.00
- Prices indicated at $41.50-43.00
- Offer at $42.50

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Grupo México Q4 earnings soar on higher prices, but Cu, Zn output down

By Renato Rostás - Wednesday 02 February

A summary of production results and earnings figures for the mining division of Grupo Mexico in the fourth quarter and full year of 2021, as shown in the company's latest quarterly report released on Tuesday February 1.

In brief

• Both fourth-quarter and full-year copper output were lower year on year due to reduced production at all mines except Cuajone, in Peru.

• According to its subsidiary Southern Copper Corp (SCC), copper grades in mined ore and recovery levels continued to drop toward the end of the year, further reducing output.
• Revenues and earnings increased significantly, however, due to higher metal prices on the London Metal Exchange.
• Full-year 2021 operating cash costs averaged $0.84 per lb, falling from $0.85 per lb a year before amid higher prices for byproducts such as gold, silver and molybdenum.
• Development of projects in Mexico continued as normal, with Buenavista Zinc expected to initiate operations in 2023, the Pilares copper concentrate plant scheduled to start up in the second half of 2022, and the El Pilar copper mine in 2024.
• In Peru, SCC was still awaiting authorization to begin activities at the Tía María copper plant, whose development was stopped by the government due to community protests, while the Los Chancas copper-molybdenum project was still expected to start up in 2027 and Michiquillay was scheduled for 2028.

Key figures (year-on-year percentage change)
Copper production
Fourth quarter: 269,152 tonnes, down by 7.17% from 289,939 tonnes

Full-year 2021: 1.08 million tonnes, down by 3.91% from 1.13 million tonnes

Copper sales volumes
Fourth quarter: 256,988 tonnes, down by 11.94% from 291,841 tonnes

Full-year 2021: 1.06 million tonnes, down by 6.67% from 1.13 million tonnes

Zinc production
Fourth quarter: 16,487 tonnes, down by 1.65% from 16,763 tonnes

Full-year 2021: 66,958 tonnes, down by 2.86% from 68,930 tonnes

Zinc sales volumes
Fourth quarter: 20,921 tonnes, down by 22.49% from 26,991 tonnes

Full-year 2021: 91,570 tonnes, down by 12.58% from 104,752 tonnes

Net sales, mining division
Fourth quarter: $3.10 billion, up by 17.78% from $2.63 billion

Full-year 2021: $12.09 billion, up by 41.11% from $8.57 billion

Earnings before interest, taxes, depreciation and amortization (Ebitda), mining division
Fourth quarter: $1.87 billion, up by 30.30% from $1.43 billion

Full-year 2021: $7.78 billion, up by 82.43% from $4.16 billion.

Molybdenum/ferro-molybdenum

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MO-0001	Molybdenum canned molybdic oxide, in-whs Pittsburgh, $/lb	27 Jan 2022	19.1 - 19.4	0.00%	Jan 2022	19 - 19.48
MB-FEO-0003	Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, $/lb Mo	02 Feb 2022	19.1 - 19.25	0.00%	Jan 2022	19.07 - 19.22
MB-FEO-0004	Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, $/lb	02 Feb 2022	19 - 19.1	0.00%	Jan 2022	18.85 - 19.03
MB-FEO-0002	Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, $/lb	27 Jan 2022	21 - 21.5	2.41%	Jan 2022	20.56 - 21.13
MB-FEO-0001	Ferro-molybdenum 65% Mo min, in-whs Rotterdam, $/kg Mo	02 Feb 2022	44 - 44.8	-0.56%	Jan 2022	44.56 - 45.19

Ferro-niobium/ferro-titanium

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FN-0001	Ferro-niobium 63-67% delivered consumer works, dp, Europe $ per kg Nb	02 Feb 2022	45 - 45.5	0.00%	Jan 2022	44.7 - 45.5
MB-FET-0001	Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, $/kg Ti	02 Feb 2022	7.7 - 8	0.00%	Jan 2022	7.7 - 8
MB-FET-0002	Ferro-titanium 68-72% Ti, ex-whs US, $/lb	27 Jan 2022	3.6 - 3.85	0.00%	Jan 2022	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	28 Jan 2022	335 - 338	1.20%	Jan 2022	328 - 333.25
MB-W-0003	Tungsten APT 88.5% WO3 min, fob main ports China, $/mtu WO3	02 Feb 2022	325 - 330	0.00%	Jan 2022	321.25 - 326.25

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-W-0002	Tungsten concentrate 65% WO3, in-whs China, yuan/tonne	02 Feb 2022	115000 - 117000	0.00%	Jan 2022	114500 - 115875
MB-FEU-0001	Ferro-tungsten basis 75% W, in-whs dup Rotterdam, $/kg W	02 Feb 2022	41.5 - 42	**1.21%**	Jan 2022	39.45 - 40.64
MB-FEU-0003	Ferro-tungsten export, min 75% fob China, $/kg W	02 Feb 2022	39.5 - 41.5	0.00%	Jan 2022	39.08 - 41

Vanadium pentoxide/ferro-vanadium

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-V-0001	Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, $/lb V2O5	28 Jan 2022	9.8 - 10	**1.54%**	Jan 2022	9.08 - 9.5
MB-V-0002	Vanadium pentoxide 98% V2O5 min, fob China, $/lb V2O5	27 Jan 2022	8.71 - 8.86	0.00%	Jan 2022	8.69 - 8.87
MB-V-0004	Vanadium pentoxide 98% V2O5 min, exw China, yuan/tonne	27 Jan 2022	122000 - 124000	0.00%	Jan 2022	121750 - 124250
MB-FEV-0002	Ferro-vanadium 70-80% V, in-whs Pittsburgh, $/lb	27 Jan 2022	17.75 - 18	**3.05%**	Jan 2022	16.49 - 16.81
MB-FEV-0001	Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, $/kg V	02 Feb 2022	38 - 39	**0.65%**	Jan 2022	35.31 - 36.75
MB-FEV-0003	Ferro-vanadium 78% V min, fob China, $/kg V	27 Jan 2022	37.89 - 38.44	0.00%	Jan 2022	37.83 - 38.61

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	10 Jan 2022	415	-12.63%	Jan 2022	415
MB-STE-0304	Steel scrap No1 bundles, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	531	-10.15%	Jan 2022	531
MB-STE-0305	Steel scrap No2 bundles, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	329	-15.42%	Jan 2022	329
MB-STE-0306	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	550	-9.84%	Jan 2022	550
MB-STE-0308	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	470	-11.32%	Jan 2022	470
MB-STE-0309	Steel scrap machine shop turnings, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	315	-16.00%	Jan 2022	315
MB-STE-0310	Steel scrap cast iron borings, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	270	-18.18%	Jan 2022	270
MB-STE-0312	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	445	-11.88%	Jan 2022	445
MB-STE-0598	Steel scrap punchings and plate, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	777	-6.61%	Jan 2022	777

Chicago

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0228	Steel scrap No1 heavy melt, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	410	-14.58%	Jan 2022	410
MB-STE-0229	Steel scrap No2 heavy melt, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	395	-15.05%	Jan 2022	395
MB-STE-0230	Steel scrap No1 bundles, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	525	-10.26%	Jan 2022	525
MB-STE-0231	Steel scrap No2 bundles, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	270	-20.59%	Jan 2022	270
MB-STE-0232	Steel scrap No1 busheling, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	520	-10.34%	Jan 2022	520
MB-STE-0233	Steel scrap shredded auto scrap, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	480	-11.11%	Jan 2022	480
MB-STE-0234	Steel scrap machine shop turnings, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	270	-18.18%	Jan 2022	270
MB-STE-0235	Steel scrap cast iron borings, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	300	-18.92%	Jan 2022	300
MB-STE-0236	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	584	-7.89%	Jan 2022	584
MB-STE-0237	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	445	-11.88%	Jan 2022	445
MB-STE-0577	Steel scrap low-residual, black foundry busheling, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	682	-8.09%	Jan 2022	682

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	10 Jan 2022	682	-8.09%	Jan 2022	682
MB-STE-0579	Steel scrap low-alloy punchings, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	702	-7.87%	Jan 2022	702
MB-STE-0239	Steel scrap cupola cast, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	559	-8.21%	Jan 2022	559
MB-STE-0240	Steel scrap clean auto cast, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	622	-7.44%	Jan 2022	622
MB-STE-0243	Steel scrap drop broken machinery cast, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	537	-8.52%	Jan 2022	537
MB-STE-0246	Steel scrap steel car wheels, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	485	-11.01%	Jan 2022	485
MB-STE-0244	Steel scrap rail crops 2ft max, consumer buying price, delivered mill Chicago, $/gross ton	10 Jan 2022	553	-8.29%	Jan 2022	553

Philadelphia

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0285	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	395	-10.23%	Jan 2022	395
MB-STE-0286	Steel scrap No1 bundles, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	505	-8.18%	Jan 2022	505
MB-STE-0287	Steel scrap No2 bundles, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	355	-11.25%	Jan 2022	355
MB-STE-0288	Steel scrap No1 busheling, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	505	-8.18%	Jan 2022	505
MB-STE-0289	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	470	-8.74%	Jan 2022	470
MB-STE-0290	Steel scrap machine shop turnings, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	275	-17.91%	Jan 2022	275
MB-STE-0291	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	520	-7.96%	Jan 2022	520
MB-STE-0292	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	415	-9.78%	Jan 2022	415
MB-STE-0293	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	405	-10.00%	Jan 2022	405

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	11 Jan 2022	338	-15.08%	Jan 2022	338
MB-STE-0356	Steel scrap No1 bundles, dealer selling price, fob dealer yard St Louis, $/gross ton	11 Jan 2022	488	-10.95%	Jan 2022	488
MB-STE-0357	Steel scrap No1 busheling, dealer selling price, fob dealer yard St Louis, $/gross ton	11 Jan 2022	488	-10.95%	Jan 2022	488
MB-STE-0358	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard St Louis, $/gross ton	11 Jan 2022	401	-13.02%	Jan 2022	401
MB-STE-0359	Steel scrap machine shop turnings, dealer selling price, fob dealer yard St Louis, $/gross ton	11 Jan 2022	210	-20.75%	Jan 2022	210

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0360	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard St Louis, $/gross ton	11 Jan 2022	353	-14.53%	Jan 2022	353

Detroit

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0270	Steel scrap No1 heavy melt, consumer buying price, delivered mill Detroit, $/gross ton	10 Jan 2022	405	-12.90%	Jan 2022	405
MB-STE-0271	Steel scrap No1 bundles, consumer buying price, delivered mill Detroit, $/gross ton	10 Jan 2022	485	-11.01%	Jan 2022	485
MB-STE-0272	Steel scrap No1 busheling, consumer buying price, delivered mill Detroit, $/gross ton	10 Jan 2022	495	-10.81%	Jan 2022	495
MB-STE-0273	Steel scrap shredded auto scrap, consumer buying price, delivered mill Detroit, $/gross ton	10 Jan 2022	460	-11.54%	Jan 2022	460
MB-STE-0274	Steel scrap machine shop turnings, consumer buying price, delivered mill Detroit, $/gross ton	10 Jan 2022	145	-29.27%	Jan 2022	145
MB-STE-0275	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Detroit, $/gross ton	10 Jan 2022	420	-12.50%	Jan 2022	420

Cleveland

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0255	Steel scrap No1 heavy melt, consumer buying price, delivered mill Cleveland, $/gross ton	10 Jan 2022	420	-12.50%	Jan 2022	420
MB-STE-0256	Steel scrap No1 bundles, consumer buying price, delivered mill Cleveland, $/gross ton	10 Jan 2022	580	-9.38%	Jan 2022	580
MB-STE-0257	Steel scrap No1 busheling, consumer buying price, delivered mill Cleveland, $/gross ton	10 Jan 2022	580	-9.38%	Jan 2022	580
MB-STE-0258	Steel scrap shredded auto scrap, consumer buying price, delivered mill Cleveland, $/gross ton	10 Jan 2022	470	-11.32%	Jan 2022	470
MB-STE-0259	Steel scrap machine shop turnings, consumer buying price, delivered mill Cleveland, $/gross ton	10 Jan 2022	245	-19.67%	Jan 2022	245
MB-STE-0260	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Cleveland, $/gross ton	10 Jan 2022	440	-12.00%	Jan 2022	440
MB-STE-0653	Steel scrap punchings and plate, broker buying price, fob Cleveland, $/gross ton	10 Jan 2022	725	-7.05%	Jan 2022	725

Cincinnati

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0249	Steel scrap No1 heavy melt, consumer buying price, delivered mill Cincinnati, $/gross ton	10 Jan 2022	400	-13.04%	Jan 2022	400
MB-STE-0250	Steel scrap No1 bundles, consumer buying price, delivered mill Cincinnati, $/gross ton	10 Jan 2022	515	-10.43%	Jan 2022	515
MB-STE-0251	Steel scrap No1 busheling, consumer buying price, delivered mill Cincinnati, $/gross ton	10 Jan 2022	515	-10.43%	Jan 2022	515
MB-STE-0252	Steel scrap shredded auto scrap, consumer buying price, delivered mill Cincinnati, $/gross ton	10 Jan 2022	445	-11.88%	Jan 2022	445
MB-STE-0253	Steel scrap machine shop turnings, consumer buying price, delivered mill Cincinnati, $/gross ton	10 Jan 2022	227	-20.91%	Jan 2022	227

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0254	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Cincinnati, $/gross ton	10 Jan 2022	425	-12.37%	Jan 2022	425

Alabama

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0213	Steel scrap No1 heavy melt, consumer buying price, delivered mill Alabama, $/gross ton	10 Jan 2022	400	-11.11%	Jan 2022	400
MB-STE-0214	Steel scrap No2 heavy melt, consumer buying price, delivered mill Alabama, $/gross ton	10 Jan 2022	390	-11.36%	Jan 2022	390
MB-STE-0215	Steel scrap No1 bundles, consumer buying price, delivered mill Alabama, $/gross ton	10 Jan 2022	507	-10.58%	Jan 2022	507
MB-STE-0216	Steel scrap No1 busheling, consumer buying price, delivered mill Alabama, $/gross ton	10 Jan 2022	515	-10.43%	Jan 2022	515
MB-STE-0217	Steel scrap shredded auto scrap, consumer buying price, delivered mill Alabama, $/gross ton	10 Jan 2022	468	-9.65%	Jan 2022	468
MB-STE-0218	Steel scrap machine shop turnings, consumer buying price, delivered mill Alabama, $/gross ton	10 Jan 2022	325	-13.33%	Jan 2022	325
MB-STE-0219	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Alabama, $/gross ton	10 Jan 2022	445	-10.10%	Jan 2022	445
MB-STE-0220	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Alabama, $/gross ton	10 Jan 2022	420	-10.64%	Jan 2022	420

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	10 Jan 2022	410	-10.87%	Jan 2022	410
MB-STE-0323	Steel scrap No1 busheling, consumer buying price, delivered mill South Carolina, $/gross ton	10 Jan 2022	500	-9.09%	Jan 2022	500
MB-STE-0324	Steel scrap shredded auto scrap, consumer buying price, delivered mill South Carolina, $/gross ton	10 Jan 2022	440	-10.20%	Jan 2022	440
MB-STE-0325	Steel scrap machine shop turnings, consumer buying price, delivered mill South Carolina, $/gross ton	10 Jan 2022	325	-13.33%	Jan 2022	325
MB-STE-0326	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill South Carolina, $/gross ton	10 Jan 2022	420	-10.64%	Jan 2022	420

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	31 Jan 2022	360	0.00%	Jan 2022	363
MB-STE-0380	Steel scrap No2 bundles, export yard buying price, delivered to yard New York, $/gross ton	31 Jan 2022	310	0.00%	Jan 2022	313
MB-STE-0381	Steel scrap machine shop turnings, export yard buying price, delivered to yard New York, $/gross ton	31 Jan 2022	255	0.00%	Jan 2022	258
MB-STE-0382	Steel scrap mixed cast, export yard buying price, delivered to yard New York, $/gross ton	31 Jan 2022	355	0.00%	Jan 2022	358

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0383	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard New York, $/gross ton	31 Jan 2022	375	0.00%	Jan 2022	378
MB-STE-0384	Steel scrap auto bodies, export yard buying price, delivered to yard New York, $/gross ton	31 Jan 2022	340	0.00%	Jan 2022	343
MB-STE-0385	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard New York, $/gross ton	31 Jan 2022	370	0.00%	Jan 2022	373

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	31 Jan 2022	340	0.00%	Jan 2022	343
MB-STE-0369	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Boston, $/gross ton	31 Jan 2022	340	0.00%	Jan 2022	343
MB-STE-0370	Steel scrap auto bodies, export yard buying price, delivered to yard Boston, $/gross ton	31 Jan 2022	225	0.00%	Jan 2022	225
MB-STE-0371	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Boston, $/gross ton	31 Jan 2022	350	0.00%	Jan 2022	353

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	31 Jan 2022	265	0.00%	Jan 2022	265
MB-STE-0373	Steel scrap No2 bundles, export yard buying price, delivered to yard Los Angeles, $/gross ton	31 Jan 2022	165	0.00%	Jan 2022	165
MB-STE-0374	Steel scrap No1 busheling, export yard buying price, delivered to yard Los Angeles, $/gross ton	31 Jan 2022	275	0.00%	Jan 2022	275
MB-STE-0375	Steel scrap machine shop turnings, export yard buying price, delivered to yard Los Angeles, $/gross ton	31 Jan 2022	60	0.00%	Jan 2022	60
MB-STE-0378	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Los Angeles, $/gross ton	31 Jan 2022	275	0.00%	Jan 2022	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	10 Jan 2022	(28)		Jan 2022	(28)
MB-STE-0411	Steel scrap machine shop turnings, consumer buying price trend, delivered mill Seattle/Portland, $/gross ton	10 Jan 2022	(28)		Jan 2022	(28)
MB-STE-0410	Steel scrap shredded auto scrap, consumer buying price trend, delivered mill Seattle/Portland, $/gross ton	10 Jan 2022	(28)		Jan 2022	(28)
MB-STE-0412	Steel scrap cut structural/plate 5ft max, consumer buying price trend, delivered mill Seattle/Portland, $/gross ton	10 Jan 2022	(28)		Jan 2022	(28)

Hamilton, Ontario

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0333	Steel scrap No1 heavy melt, consumer buying price, delivered mill Hamilton, Canadian $/net ton	11 Jan 2022	339	-18.12%	Jan 2022	339
MB-STE-0334	Steel scrap No1 bundles, consumer buying price, delivered mill Hamilton, Canadian $/net ton	11 Jan 2022	545	-12.10%	Jan 2022	545
MB-STE-0335	Steel scrap No1 busheling, consumer buying price, delivered mill Hamilton, Canadian $/net ton	11 Jan 2022	531	-12.38%	Jan 2022	531
MB-STE-0336	Steel scrap shredded auto scrap, consumer buying price, delivered mill Hamilton, Canadian $/net ton	11 Jan 2022	543	-12.14%	Jan 2022	543
MB-STE-0337	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Hamilton, Canadian $/net ton	11 Jan 2022	362	-17.16%	Jan 2022	362

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	11 Jan 2022	225	-21.05%	Jan 2022	225
MB-STE-0351	Steel scrap No1 busheling, dealer selling price, fob dealer yard Houston, $/gross ton	11 Jan 2022	342	-14.93%	Jan 2022	342
MB-STE-0352	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard Houston, $/gross ton	11 Jan 2022	275	-17.91%	Jan 2022	275
MB-STE-0353	Steel scrap machine shop turnings, dealer selling price, fob dealer yard Houston, $/gross ton	11 Jan 2022	145	-29.27%	Jan 2022	145
MB-STE-0354	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard Houston, $/gross ton	11 Jan 2022	260	-18.75%	Jan 2022	260

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	28 Jan 2022	406.67	0.00%	Jan 2022	
MB-STE-0526	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, $/gross ton, weekly composite	28 Jan 2022	550	0.00%	Jan 2022	
MB-STE-0523	Steel scrap shredded auto scrap, consumer buying price, delivered mill, $/gross ton, weekly composite	28 Jan 2022	472	0.00%	Jan 2022	

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	01 Feb 2022	2285 - 2352	0.48%	Jan 2022	2234.25 - 2290.5
MB-STS-0047	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, $/gross ton	01 Feb 2022	2128 - 2240	0.00%	Jan 2022	2094.25 - 2167.25
MB-STS-0133	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	2128 - 2173	-0.76%	Jan 2022	2128 - 2173
MB-STS-0134	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	1935 - 1956	-0.61%	Jan 2022	1935 - 1956

Chicago stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average

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	01 Feb 2022	2262 - 2352	-0.02%	Jan 2022	2240 - 2290.5
MB-STS-0068	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, $/gross ton	01 Feb 2022	2128 - 2240	0.00%	Jan 2022	2105.5 - 2167.25
MB-STS-0069	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, $/gross ton	01 Feb 2022	829 - 851	0.00%	Jan 2022	806.25 - 862.5

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	01 Feb 2022	2330 - 2352	1.45%	Jan 2022	2240 - 2290.5
MB-STS-0088	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, $/gross ton	01 Feb 2022	2128 - 2240	0.00%	Jan 2022	2105.5 - 2184
MB-STS-0048	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, $/gross ton	01 Feb 2022	829 - 851	0.00%	Jan 2022	806.5 - 851.25

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	01 Feb 2022	1120 - 1792	-10.34%	Jan 2022	1568 - 1680
MB-STS-0197	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Cleveland, $/gross	01 Feb 2022	896 - 1680	-14.81%	Jan 2022	1456 - 1568

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	01 Feb 2022	2128 - 2150	0.00%	Jan 2022	2119.75 - 2136.25
MB-STS-0116	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, $/gross ton	01 Feb 2022	1994 - 2016	0.00%	Jan 2022	1949 - 1977
MB-STS-0117	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, $/gross ton	01 Feb 2022	582 - 605	0.00%	Jan 2022	649.5 - 672