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Logistics issues key to annual tin contract negotiations in Europe: 2022 preview

By Ana de Liz - Monday 27 December

Following a year marked by unprecedented global tightness in the tin market, traders, producers and consumers have noted a change in premiums and priorities when settling their European long-term contracts for 2022, Fastmarkets understands.

Spot premiums in the region for standard 99.9% tin ingot, on an in-warehouse Rotterdam basis, touched \$2,000 per tonne in June 2021, when the market experienced a crunch in supply as main producers across the world reeled from Covid-19 and logistics issues.

"Consumers finally learned their lesson [in 2020 and 2021] to not just to rely on spot. No one wants to be short again, so there's certainly good demand for long-term business," one trader in Europe said.

A big contributor to the tightness in the region was the exponential rise in shipping costs from Asian producing regions, which are said to have remained at around \$10,000 per 25ft container since the crunch on shipping lines started earlier in 2021.

All about logistics

"The key issue is to have an understanding about the shipment situation and most people do now," one Southeast Asian producer source told Fastmarkets.

Most sources in the European market said that, beyond the priority of being able to secure long term tonnages, the main component of the premium for 2022 would be an adjustable addition based on freight costs.

"To be fair to the customers, given that we don't know how the freight cost is going to move - whether it's going to get more expensive or more affordable - we've offered some customers premiums adjusted on a quarterly basis based on the shipping indices. So, if the trend is going down, we can lower the premium as well," the producer source said.

"We don't want to overburden the [customers] with these costs. We don't want to make the profit out of something that we don't have a say on," he added.

A number of traders also confirmed to Fastmarkets that they and their customers had sought out "new structures that allow for these kind of adjustments" when it comes to fixing premiums for 2022 contracts.

"For large contracts, this is better, because we take the risk on the spread, supplies and financing time, but then at least [get to share the] shipping costs on a fair basis," a second trader in Europe said.

Long-term contract premiums for 2022 have ranged anywhere between \$1,000 per tonne to \$2,200 per tonne, all with freight adjustments and different payment options, sources told Fastmarkets.

Quotation periods have become increasingly important too, with market participants pushing on one month (M1) and two-months (M2) before shipment quotation periods, to avoid the volatility of tin spreads when contracting material that needs to be shipped from overseas - especially

given the cash/three-month spread reached a previously unheard of \$4,000-per-tonne backwardation in May.

"We have definitely seen many innovative proposals from the producers and suppliers to get us consumers more comfortable with the higher premiums for the year ahead," one consumer source said.

And while some forecast that the current crunch on shipping container availability, delays and high costs should start to normalize by mid-2022, no one can be sure.

"In February 2021, I was saying the shipping situation would [soon] improve and producers would be operating closer to normal. The reality is that supply-chain dislocations have persisted for a lot longer than many people anticipated," Tom Mulqueen, head of research at AMT, said.

"There is still a lot of trepidation in the tin market, particularly around possible further supply constraints in the first quarter [because of] the monsoon season in Southeast Asia and the proliferation of the Covid-19 Omicron-variant. The Chinese market also remains acutely tight," he added.

Supply uncertainty to remain

Another point of uncertainty that has been a part of long-term contract negotiations is the uncertainty over supplies, particularly for the first half of 2022.

"It is very difficult to forecast the fundamental picture, because it all depends on smelter performance and logistics," the second trader said.

"I don't think demand will stay high for the whole year, so the market should be well balanced - unless there is another smelter collapse or private Indonesian tin smelters are not allowed to export," the trader added.

Independent smelters in Indonesia renew their export licenses on an annual basis, but while in previous years this was done on a regional or local government basis, the central government has recently taken control of the process.

Some sources have indicated that this switch might lead to a more delayed return to normal production for some private Indonesian smelters, which were key players in abating the tightness seen in Europe and the United States in the last quarter of 2021, by releasing more material into the market.

"Indonesian export licenses are due to run out [in December 2021], so those independent smelters will be unwilling to commit material for February, March, April and May, until they can see how much they can offer," a third trader in Europe said.

Further uncertainty of supply was tied to the fact that the Malaysia Smelting Company is set to remain under *force majeure*, a number of sources in the tin concentrates and refined tin markets have confirmed - despite MSC's November announcement that it would be operating as normal before the start of December.

"There are still queues outside of MSC to deliver material, and there is also congestion in all the major [tin] concentrate exporting ports like Mombasa and der Dar es Salaam. The logistics situation will remain very, very tight" a fourth trader in Europe noted.

The issue is likely to have the biggest impact on the US, because the country depends almost entirely on tin imports for its tin needs and faced shipping costs well above \$20,000 per container throughout the second half of the year.



"I am worried for the US. I think [it is] going to get into real [trouble] again," another tin trader said, adding that customers had not yet booked enough under their long-term contracts for 2022 to have enough material.

The quantities that some producers have been willing to offer has also been affected, not so much because of production issues, but because producers "have become a bit more wary about getting into bigger commitments," the first European trader source said.

Given that a lot of the producers could not meet their sales agreement commitments in 2021 and "probably got a lot of grief from certain clients," in 2022, and taking into account the continued uncertainty around the new Covid-19 variant and changes in climate patterns, "they would rather only offer certain amounts on long-term [contracts] and would try to sell more on spot," the trader said.

"So when the market goes crazy again, there will be more scope for them to participate and offer higher numbers. I think there are some producers that would probably feel they have missed out on what happened this year," he added.

Local producers see increased orders

"European producers have a higher price, for sure, but they will get a lot of inquiries because people are scared of not getting their material next year," a sixth trader in Europe said.

While local production in Europe limited to only a couple of companies - namely Aurubis (after its acquisition of Metallo) and the recycler Fenix Metals - sources at those companies have noticed an increase in demand for their material.

"While in previous years we maybe struggled to sell all of our production, now we are in the driver's seat, with people really asking for larger volumes," one European producer source said.

"Even when we go into the negotiations and they tell us that we are way too expensive, they say 'you are too expensive, but I need more' [material]," he added.

Purchasers in Europe have tried to bring down their annual premiums by suggesting two-to-three-year contracts, or pre-payment options, but most have been happy to pay the premiums - which doubled and tripled in 2021 to stand at \$400-500 per tonne - to secure tin units.

"A lot of people have asked for more material than we have been able to offer. People are anxious to have material after having realized that the 'just-in-time' strategy won't work anymore," another source in Europe added.

"We've heard of people air-freighting tin [from Asia in the summer because] they just needed tin, and the cost of closing a plant is just too high," he said, adding that not many would want to find themselves in the same situation again.

Rising carbon, energy costs to change EU steel pricing: 2022 preview

By Maria Tanatar - Monday 27 December

Sharp rises in carbon and energy costs, along with the introduction of "green steel" in Europe, will lead to changes to traditional pricing mechanisms in 2022, Fastmarkets understands.

Some steelmakers have already started to implement surcharges for carbon and energy costs, whereas previously production costs have been included in the base prices of the steel products in Europe.

The response from buyers to the new surcharges has been broadly negative, mainly because they believe that both energy and emissions costs should be

covered by the base price and that by introducing the new surcharges steelmakers are trying to pass on the burden of risk related to sharp changes in production costs to the buyers.

Some market participants also believe that the adoption of new surcharges will create additional points to be negotiated during deal settlements and would protect base prices from declining in a downward market.

Carbon surcharges

The growing cost of carbon emissions in the European Union is forcing steelmakers to introduce carbon surcharges, with flat steel producers most affected as their steel is mostly produced using blast and basic oxygen furnaces, which generate higher carbon dioxide emissions.

The average forecast carbon price for 2022 is €69.87 (\$78.72) per tonne and for 2023 the figure is €72.04 per tonne, according to a Reuters survey.

In April this year, flat steel producer Tata Steel Europe in the Netherlands introduced a carbon surcharge on its steel products. The steelmaker, however, has not been actively using the surcharge and often includes it in the base price for coil products, meaning there was no effect on the final price of its steel yet.

In September, German coil producer Thyssenkrupp also implemented carbon surcharge for hot-rolled coil of about €23-24 per tonne.

Thyssenkrupp estimated that the cost of emissions was about €95-100 per tonne and the surcharge was calculated based on the fact that the steelmaker buys around 20% of its emission allowances.

Fastmarkets calculated its daily steel HRC index, domestic, exw Northern Europe, at €912.50 per tonne on December 15, down by €6.46 per tonne week on week and by €91.67 per tonne month on month.

Market participants believe the surcharge is likely to increase, because more carbon emissions allowances will be bought in free auctions.

Other producers in Europe, including ArcelorMittal and Salzgitter, have also been planning to introduce similar surcharges to reflect rising emissions costs.

Although the new surcharges have not yet had an impact on the prices, market participants anticipate that the practice will become more widespread as carbon costs rise amid tougher emission regulations.

Green steel

Most European steelmakers have been investing in green steel projects to cut emissions. Under the European Green Deal, the European Commission proposed a new EU target to reduce greenhouse gas emissions by at least 55% by 2030, compared with the levels emitted in 1990.

Some agreements have already been reached between European steelmakers and end consumers - including the automotive sector and white goods manufacturers - for the supply of green steel.

Due to higher green steel production costs steelmakers have introduced green steel surcharges.

Even so, green steel is likely to be in short supply for the next couple of years while producers continue to transition and modernize their equipment, sources told Fastmarkets and, as a result, green steel prices will remain at a premium to similar material produced through traditional routes.

Market participants put the extras for the green coil from Voestalpine at €55 per tonne and from ArcelorMittal at €100 per tonne.

And the number of producers introducing green steel surcharges will grow as more projects are introduced, sources said.

While many European steel buyers believe that the new extras are inevitable, some said the lack of standards on what products should be considered



"green" and the general lack of qualifying material over the next couple of years will allow mills to benefit from the surcharges.

"We have little understanding about what steel is considered green right now. It seems that we will have to pay for green steel certificates, as products will be the same. But as the authorities demand everyone goes green, we will have to accept the surcharges. We also would not be able to replace the material with cheaper imports any time soon," a Northern European distributor said.

On July 14, 2021, the EC adopted a package of proposals under the EU Green Deal, which included a [Carbon Border Adjustment Mechanism \(CBAM\)](#) for imports into the EU of iron, steel and aluminium, along with cement, fertilizers and electricity.

Energy surcharges

Significantly rising energy prices have forced European steelmakers to look for ways to compensate for surging production costs, with some introducing energy surcharges, while others have attempted to increase base prices.

Energy cost rises had a bigger impact on electric-arc furnace (EAF) operators - mainly producing long steel in Europe. But next year the rise in costs will become more visible as a number of steel producers begin renegotiating their long-term agreements for electricity and gas supplies, sources said.

In October 2021, prices for gas increased three-fold and electricity costs increased nearly four-fold, a mill source said.

In the same month, ArcelorMittal notified its customers in that it would be implementing a [temporary energy surcharge of €50 per tonne on its long steel products in Europe](#), which include steel beams, rebar and wire rod, with the surcharge applicable in all new price agreements. The company has not introduced similar extras for flat steel products.

UK based British Steel also introduced temporary surcharges to reflect rapidly rising energy and transportation costs at the end of September. The temporary energy surcharge was set at £25 (\$33) per tonne, and a transport surcharge of £5 per tonne.

Other long steel producers attempted to achieve increases in base prices.

But Fastmarkets' [weekly price assessment for steel reinforcing bar \(rebar\), domestic, delivered Northern Europe](#) unchanged at €810-840 per tonne on December 15.

European coil producers have been less affected by rising energy costs due to long-term gas supply contracts and better self-sufficiency than long steel mills.

But heavy plate producers, and re-rollers in particular, were hit by rising energy prices and, in late October-early November, Vitkovice Steel in the Czech Republic, notified its customers about the [launch of an energy surcharge](#) of €75 per tonne.

Other re-rollers in both Central Europe and Italy have managed to achieve rises in base prices due to higher production costs and healthy demand.

Fastmarkets' [weekly price assessment for steel slab, export, fob Black Sea, CIS](#) peaked on November 1 at \$715-740 per tonne. Prices, however, had fallen back to €600-620 per tonne by December 15, due to lower production costs and a slight slowdown in demand.

Canada slaps Mexican OCTG with AD duties

By Thorsten Schier - Monday 27 December

The Canada Border Services Agency (CBSA) has levied steep anti-dumping duties on Mexican oil country tubular goods (OCTG) in a final determination.

OCTG from Tubos de Acero de Mexico SA will now face duties of 43.30%, while all other exporters will face duties of 164.70%, [the agency said in a December 22 statement](#).

The Canadian International Trade Tribunal will now make its final injury finding by January 26, according to the statement.

US A380.1 hits another record high

By Thorsten Schier - Monday 27 December

Secondary alloy prices in the United States hit new records again last week, with high raw material prices and strong demand forcing sellers to raise prices.

"Everything is more expensive. Raw materials, labor, freight, etc," one producer said.

"We are moving things up based on the [London Metal Exchange], winter, and silicon prices turning over to 2022 contracts, which means there are no more cheap silicon units," a second producer said.

Fastmarkets' assessment for [aluminium alloy A380.1, delivered Midwest](#) widened upward to \$1.40-1.45 per lb on Thursday December 23 from \$1.40-1.44 per lb the previous week and a new all-time high. Sales were reported across Fastmarkets' range.

The price for [aluminium alloy A413.1, delivered Midwest](#) also hit a record high of \$1.80-1.82 per lb on Thursday, up from \$1.78-1.81 per lb, with sales reported at higher levels on the back of historically high silicon prices.

"We remain bullish on pricing any alloys with a high silicon content," a third producer said.

The price assessment for [silicon, ddp US](#) remained at \$4.75-5.00 per lb on Thursday, unchanged from the previous week at an all-time high, with market assessments and offers reported within Fastmarkets' existing range.

While the spot market has been quiet recently because consumers have enough material for the remainder of 2021, silicon prices could remain elevated headed into 2022 given tight supply and ongoing global logistical challenges, one trader said.

Over 2.5 million tonnes of Australian coking coal enter China's ports in November

By Min Li - Monday 27 December

China imported 7.74 million tonnes of coking coal in November, up by 108% year on year and up by 76.60% month on month, according to the latest data from Chinese customs.

Australia was China's largest source of coking coal imports last month, accounting for 2.67 million tonnes of the steelmaking raw material. [That material, however, was part of previously stranded Australian coal](#).



Mongolia ranked second in November, exporting 1.41 million tonnes of coking coal to China.

The United States and Russia ranked third and fourth, exporting 1.29 million tonnes and 1.04 million tonnes of coking coal respectively.

Canada exported 993,491 tonnes of coking coal to China, making it the fifth-largest supplier.

A large gap between North American coking coal offer prices and Chinese market participants' acceptable prices led to illiquidity in the cfr spot market in November and December. As a result, seaborne coking coal cfr prices plummeted.

Fastmarkets' index for [premium hard coking coal, cfr Jingtang](#) ended November at \$400.17 per tonne, down by \$207.95 per tonne from a month earlier.

"Mills in northeastern China and north China chose to use Australian coking coal instead of North American coking coal because the latter was cheaper. Moreover, Chinese domestic coking coal is cheaper than North American one," a trading source in Hebei province said on Monday December 27.

Australian premium mid-volatility hard coking coal was on offer at 2,200-2,300 yuan (\$345-361) per tonne and low-vol hard coking coal was on offer at around 2,000 yuan (\$314) per tonne, sources said on Monday.

Manganese ore markets soften despite slight liquidity

By Jon Stibbs, Siyi Liu - Monday 27 December

Activity in the seaborne manganese ore markets was largely on hold in the week ending Friday December 24 ahead of the Christmas holiday, while prices dipped again on soft sentiment due adequate supply and uncertain demand outlook.

Low-grade market nudges downward

Fastmarkets' [manganese ore index 37% Mn, cif Tianjin](#) was at \$4.51 per dry metric tonne unit (dmtu) on Friday December 24, down by \$0.02 per dmtu (0.44%) from \$4.53 per dmtu a week earlier.

There was little activity, while some buyers showed increased interest for seaborne prices to fall given the expected rising supply from January onward.

"I expect increased shipments from South Africa will mean the rate of the fall in inventories will slow," a South African producer said.

Fastmarkets' weekly assessment of [manganese ore inventories at the main Chinese ports of Tianjin and Qinzhou](#) ticked up by 0.78% to 5.14-5.26 million tonnes on Monday December 27, from 5.11-5.21 million tonnes the previous week.

This was the first time the assessment has increase since mid-November. It had dropped by 9.88% over the previous five weeks.

The lower stocks have lent some support to port markets, where deal prices were mostly unchanged but sellers attempted to quote higher offers.

Fastmarkets' calculation of the [manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin, China](#) nudged down by 0.10 yuan per dmtu (0.29%) to 34 yuan (\$5.34) per dmtu last Friday.

"The [port] market has bottomed out after suppliers with financial pressure destocked in the previous weeks, but it's unknown if we'll see any sustainable gains in the near futures," a trader at the Port of Tianjin said.

Weak demand from downstream steel sector has weakened sentiment in the fourth quarter. Nevertheless, a turning point might emerge when the market moves into 2022, participants said.

"I expect steel production in January to be stronger and hopefully mills will start their tenders soon. I have heard it will probably be next week, which may bring some confidence into the ore market," a South African second producer said.

Therefore, most participants were looking to the start of 2022 for an indication of the future direction of the market.

"It all depends on demand - it looks like [steel production is also going to be higher than November](#)," the second producer said.

High-grade market ticks down

The market for higher grade manganese ore also ticked down to settle at its lowest level since October 8, when it was \$5.35 per dmtu.

Fastmarkets' index for [manganese ore 44% Mn, cif Tianjin](#) was \$5.44 per dmtu on Friday, down by \$0.02 per dmtu (0.37%) from \$5.46 per dmtu on December 17.

"The rebound [after steel production comes up] is getting closer but the short-term outlook is stable," a third producer said.

Amid an absence of trading activity, the movement in the seaborne market was a reflection of the downtrend in port markets.

The [manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin, China](#) dipped by 0.10 yuan per dmtu (0.24%) to 42 yuan per dmtu on December 24, the ninth consecutive decline since October 22.

"Unlike semi-carbonate where sellers sell at loss, there is still room for profits for high-grade," a second trade at Port of Tianjin said. "Hence we might see some suppliers willing to lower prices further to attract demand."

BFA, bauxite prices fall at year end despite operational halt; WFA market firm

By Davide Ghilotti, Sybil Pan - Monday 27 December

China's brown fused alumina (BFA) fell for a fourth consecutive fortnight on Thursday December 23 amid low liquidity in the run up to the year end. Meanwhile, bauxite prices dropped slightly after holding steady for the past month.

Fastmarkets' price assessment for [alumina, fused brown, min 95% Al2O3, refractory sized \(0-6mm\), fob China](#) dropped by \$40 at the mid-point to \$940-1,000 per tonne on Thursday December 23 from \$980-1,040 per tonne in the previous assessment.

On the same day, the price for [alumina, fused brown, min 95% Al2O3, FEPA F8-220 grit, fob China](#) was assessed at \$1,010-1,100 per tonne, down by \$85 per tonne at the mid-point from \$1,080-1,200 per tonne previously.

This is a fourth consecutive retreat for both refractory and abrasive grades of BFA since the two prices hit historical highs at the end of October.

Slower buying in the run-up to the Christmas and new year season in international markets could be one factor driving prices downward progressively. Weakening demand from the downstream refractories sector in China's domestic market has added more pressure to the upstream raw materials market despite operational closures in major production hubs amid the winter season, according to sources.



While there were sporadic deals for BFA in the past fortnight, prices were much lower against the previous one, with market participants expecting a quiet market between now and the middle of January before the Chinese New Year at the end of the month.

Sources Fastmarkets spoke with said that a majority of European customers were closing by the time of writing and no new activity was expected before mid-January. Sellers in China also lamented about much slower trade flows were from a year earlier.

Meanwhile, demand from downstream refractories sector seemed lukewarm in China's domestic market, [with crude steel output in November falling](#) - again - by 22% from a year earlier.

"Most steel mills have reached their annual goals for crude steel output at the end of the year.

"This means that many might put furnaces on maintenance, thus reducing demand for refractories in the steelmaking process. In addition, many buyers have enough inventory to cover operations in the first quarter of next year," a fused alumina producer source said.

A second fused alumina source said: "You can only get very limited inquiries from overseas consumers these days because most might either have the inventory or tend to stand on the sidelines with prices going downward continuously."

Meanwhile, prices for refractory-grade bauxite also dipped in the past fortnight amid declining liquidity in the holiday season and relatively ample supply in the market, according to sources.

"It is very quiet now. The market might improve after the new year holiday. Despite operational shutdowns in Shanxi province due to safety issues and a shortage of raw materials, supply seems ample for most grades of bauxite except for the high grades such as 88% bauxite," a trader of bauxite in China said.

Despite the downward movement, concerns over supply uncertainty remain a major issue during China's winter shutdown and ahead of the Beijing 2022 Winter Olympics over February 4-20, as well as environmental spot checks by the end of the year.

"We have received notice from local authorities that there will be frequent anti-pollution checks here in Tianjin. In Shanxi province, it is said that environmental inspection teams have been around for a while, which means that operations could be running at a minimum," a second trader of refractories said.

Fastmarkets assessed [bauxite, refractory-grade, 85%/2.0/3.15-3.2 \(0-6mm\), fob Xingang](#) at \$450-460 per tonne last Thursday, narrowing downward by \$10 per tonne from the previous fortnight's assessment.

The assessment for [bauxite, refractory-grade, 86%/2.0/3.15-3.2 \(0-6mm\), fob Xingang](#) was at \$460-480 per tonne on the same day while that for [bauxite, refractory-grade, 87%/2.0/3.15-3.2 \(0-6mm\), fob Xingang](#) was at \$480-500 per tonne, both of them down by \$10 per tonne from their last assessments two weeks earlier.

The assessment for [bauxite, refractory-grade, 88%/2.0/3.15-3.2 \(0-6mm\), fob Xingang](#) was at \$500-520 per tonne, against the previous \$510-530 per tonne.

WFA firm on logistical hurdles

Despite thin trading the spot market, prices for white fused alumina (WFA) stayed firm in the past fortnight amid high freight costs.

Fastmarkets assessed the price for [alumina, fused white, 25kg bags, cif Europe](#) at €940-1,090 (\$1,064-1,235) per tonne, unchanged from December 9.

While freight rates remained around \$180-200 per tonne for bulk carriers in

the past fortnight, the fallout from the year-long global shipping issues are gradually affecting supply and activities of intermediaries, such as traders and importers, in destination markets.

Suppliers in Europe are expecting possible availability issues on low stock levels and delayed shipment throughout the year and longer lead times for berthing, cargo unloading and clearing at major ports in Europe.

In addition, sources also reported slow barge traffic to warehouses inland and delays in trucking material out to downstream consumers.

Furthermore, there is the problem of cash flows, especially for traders and importers, since they have to wait for longer periods between buying the cargo upfront in China and monetizing it at the point of sale to the final consumer.

"A really high amount of cash is tied up on idled ships, causing cash flow issues for everyone," an importer source in Europe told Fastmarkets.

China's magnesium prices surge amid reports of environmental breaches upstream

By Ruby Liu - Monday 27 December

China's domestic magnesium prices rose sharply last week after the upstream semi-coke industry in Shaanxi province's Yulin city was blamed for serious environmental breaches following recent checks by China's Central Environmental Inspection Team.

Yulin city was found to have made inadequate efforts to shut down outdated semi-coke production facilities, approved environmentally unfriendly projects, as well as committed violations relating to wastewater and waste gases [during the inspections](#), according to a report published on China's Ministry of Ecology and Environment website on Wednesday December 22.

The city is China's production hub for magnesium. Local magnesium refineries use coal to produce semi-coke and gas. The semi-coke is the raw material for ferro-silicon, which is used as the reducing agent for refining magnesium; the gas is used as fuel.

Sources said that four plants that only produce semi-coke in the city were ordered to shut down, and the downstream magnesium market responded quickly with a price surge.

Fastmarkets' price assessment for [magnesium, 99.9%, exw China](#) was 49,000-50,000 yuan (\$7,690-7,847) per tonne last Friday December 24, up by 7,000 yuan per tonne (16.5%) from 42,000-43,000 yuan per tonne a week earlier.

Several magnesium producer sources said that magnesium plants were still operating normally and were awaiting further instructions from local authorities. But a few have said that magnesium plants would not be able to operate normally due to the shortage of coal gas.

"I heard that a few magnesium plants have cancelled sales contracts. On the one hand, the metal's prices have increased by a lot recently; but on the other, there is concern of inadequate supply due to potential output cuts," a trader said.

"Many plants were selling via forward contracts in recent weeks because they did not have enough material for the spot market," the trader said.

Meanwhile, a few traders who had stocked up on magnesium at much lower prices have begun to sell the metal to take profit.



As for exports, sources said that they preferred to stay on the sidelines. They indicated prices at "above \$8,000 per tonne fob."

Fastmarkets' weekly price assessment for **magnesium, 99.9% Mg min, fob China main ports** was \$8,000-8,300 per tonne last Friday, up by \$900-1,100 per tonne (14%) from \$7,100-7,200 per tonne a week earlier.

"I've received overseas inquiries but I refused to make an offer and suggested to buyers that they wait until China's market stabilizes," a second trader said.

A third trader said: "Prices of around \$8,000 per tonne will scare buyers away while exporters like me will lose money if we sell at this price level amid such a crazy magnesium market."

Market participants are keeping a close eye on the new dynamics surrounding the environmental policy for the semi-coke industry.

"The safest way to do business now is to wait and see. Projections don't work," the third trader added.

Base metals

China's nickel sulfate price trending lower ahead of year-end

By Yingchi Yang - Monday 27 December

China's nickel sulfate price widened downward in the week to Friday December 24 amid weak demand for downstream precursor products, with the spot market also inactive near year-end.

Fastmarkets assessed the price of **nickel sulfate min 21%, max 22.5%; cobalt 10ppm max, exw China** at 34,000-35,000 yuan (\$5,335-5,492) per tonne on Friday December 24, widening downward by 500 yuan per tonne from 34,500-35,000 yuan per tonne a week earlier.

The China domestic nickel sulfate price has been on a flat-to-weaker trend for one month amid cautious market sentiment to end the year, Fastmarkets learned.

"The downstream precursor producers still have their stocks of nickel sulfate and also alternative raw materials for nickel briquette, so there is no rush for [participants] to purchase materials in the spot market now," a nickel sulfate buyer told Fastmarkets.

"Meanwhile, the weak consumption of downstream precursor products recently also made some of them stay away from the spot market [of nickel sulfate]," he added.

Many market participants pointed out that the nickel sulfate price might continue to decrease while more raw material sources such as mixed hydroxide precipitate (MHP) and nickel matte are supplied.

New sources of supply include MHP projects run by Chinese miner Lygend Mining and Chinese battery materials producer Huayou Cobalt, **with Lygend starting a trial of a second MHP nickel autoclave** in late October and **Huayou commencing trial production** in December.

In addition, Chinese stainless steel giant **Tsingshan began production of nickel matte** in Indonesia in December.

Imported nickel intermediates - mainly MHP - into China totaled 46,732 tonnes this month, up by 45.6% from 32,091 tonnes in November, according to the latest Chinese customs data, released on December 20.

First phase of Zijin's Julong Copper project to produce 120,000-130,000t in 2022

By Sally Zhang - Monday 27 December

Phase 1 of the Julong Copper project in Tibet was to come online on Monday December 27, Zijin Mining Group said in a statement.

Julong Copper is expected to produce 120,000-130,000 tonnes of copper in 2022 - including output at the Zhibula project - and its output will increase to about 160,000 tonnes per year of copper once Phase 1 reaches full production, according to the statement.

In June 2020, Zijin Mining announced it would buy a 50.1% stake in Julong Copper, which includes the Qulong, Rongmucuo and Zhibula copper and polymetallic mines.

Zijin Mining also co-owns the Kamo-a-Kakula copper mine in the Democratic Republic of the Congo (DRC). Zijin Mining has a 39.6% stake in Kamo-a-Kakula, which is jointly owned by Ivanhoe (39.6%), Hong Kong-based Crystal River Global Ltd (0.8%) and the DRC government (20%).

The Kamo-a-Kakula copper project produced more than 100,000 tonnes of copper in concentrate as of December 22, exceeding its annual production guidance for 2021 at 92,500-100,000 tonnes, Zijin Mining said.

The project started production at Kamo-a-Kakula's Phase 1 concentrator plant in May 2021 and began commercial production in July. The project's Phase 2 plant is expected to start full operations in the second quarter of 2022, Fastmarkets reported in October.

Fastmarkets' **copper concentrate TC/RC index, cif Asia Pacific** was unchanged in the week to December 24 at \$55.90 per tonne/5.59 cents per lb in a quiet market.

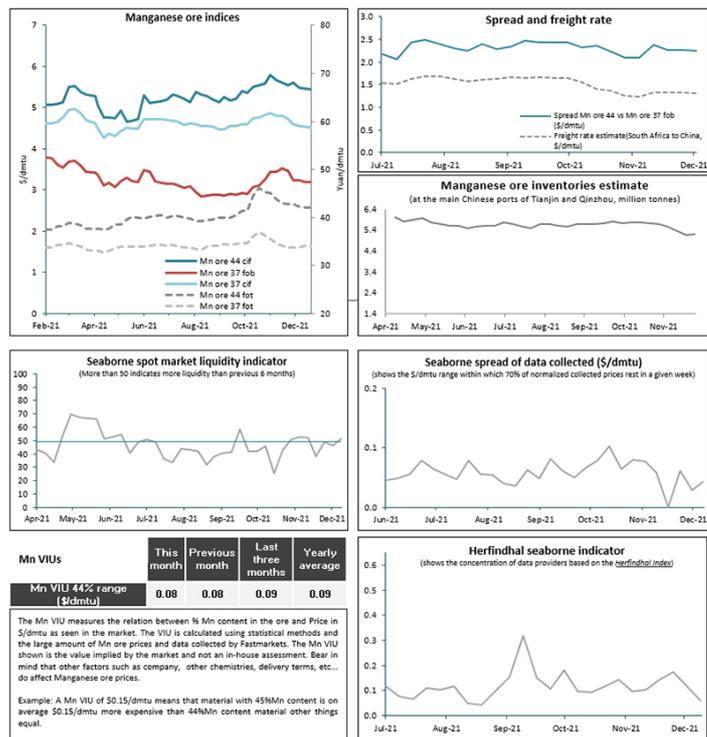
Ores and alloys

Manganese ore analytics for the week to December 27, 2021

By Jon Stibbs, Siyi Liu - Monday 27 December

The latest data for the global manganese ore market for the week ended December 27, 2021.

INDICES	Code	Incoterm	Measure	Latest price	Previous price	Weekly change	Monthly average	Previous month	Quarterly average	Previous quarter
Manganese ore 44% cif	MB-MNO-0001	cif Tianjin	S/dmtu (weekly)	5.44	5.46	-0.02	5.50	5.66	5.54	5.24
Manganese ore 37% cif	MB-MNO-0003	cif Tianjin	S/dmtu (weekly)	4.51	4.53	-0.02	4.55	4.79	4.68	4.58
Manganese ore 37% fob	MB-MNO-0002	fob Port Elizabeth	S/dmtu (weekly)	3.19	3.20	-0.01	3.22	3.47	3.23	2.97
Manganese ore 44% fot	MB-MNO-0005	fot Tianjin	yuan/dmtu (weekly)	42.0	42.1	-0.1	42.3	43.7	43.2	39.9
Manganese ore 37% fot	MB-MNO-0004	fot Tianjin	yuan/dmtu (weekly)	34.0	34.1	-0.1	33.9	34.5	34.8	34.0



Export prices for FeSi in China fall on weak demand, falling bids

By Chris Kavanagh, Jon Stibbs, Siyi Liu - Monday 27 December

Key data from Fastmarkets' pricing sessions in China, Europe and the United States on Friday December 24.

GLOBAL FERRO-SILICON PRICES				
	New price	Previous price	% Change	
Ferro-silicon 75% Si min export, fob China, \$/tonne	2,050 -2,150	2,100 -2,200	▼ 2.3	
Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	2,800 -3,300	2,800 -3,300	0	
Ferro-silicon 75% Si min, in-whs China, yuan/tonne	9,300 -9,500	9,300 -9,500	0	
Ferro-silicon 75% Si, in-whs Pittsburgh, \$/lb	3.30 -3.40	3.30 -3.40	0	

Source: Fastmarkets

China

- Export prices softened on amid pervasive weakness in domestic downstream market as well as tepid overseas demand. Buyers, especially those with sufficient stock, gave lower bids.

- Freight rates from China to Japan have risen \$20 per tonne due to a shortage of containers in the past week, market participants said.
- Spot ferro-silicon prices were unchanged; a soft demand outlook overhangs in the market.
- There were concerns that environment-related production curbs might tighten supply of semi-coke, a raw material for ferro-silicon production.

United States

- The US ferro-silicon market remained stagnant with market participants out of the spot market for the Christmas holiday.

- Despite the inactivity, low inventories continued to prop up prices.
- Market participants expect prices to hold steady into the new year given the supply situation.

Europe

- European market was stable, with producers expecting the recent price decreases to have stalled.

- There may be more downward pressure in the new year if Asian markets do not recover, participants said.

Steel

US HRC index shows post-holiday gains

By Thorsten Schier - Monday 27 December

Hot-rolled coil prices in the United States climbed again on Monday December 27, with transactions for smaller tons once again reported above the \$80-per-hundredweight mark.

Fastmarkets' daily [steel hot-rolled coil index, fob mill US](#) was calculated at \$78.74 per cwt (\$1,574.80 per short ton) on Monday, up by 2.42% from \$76.88 per cwt on Thursday December 23 but down by 1.27% from \$79.75 per cwt a week ago.

Fresh data was collected in the producer and distributor sub-indices in a range of \$76.88-83.00 per cwt, consisting of mill and distributor deals and

assessments of market prices.

Data was carried over in all three sub-indices due to a lack of liquidity and at the price reporter's discretion.

Heard in the market

Small spot tonnage is still being sold above the \$80-per-cwt threshold, some sources said, despite general reports of sub-\$80-per-cwt sales recently. Demand remains good, though competitive intra-distributor selling is helping to keep prices lower.

The consolidated mill landscape makes some believe the price decline will not run much further before supply is tightened again.

Quote of the day

"[W]hile there might be some low transactions from competitors, there is a higher end of the market which should not be ignored," one mill source said.



CRC, galv slip but don't match HRC's decline

By Dom Yanchunas - Monday 27 December

Prices for cold-rolled and galvanized steel sheet in the United States weakened but are still holding up much better than sister product hot-rolled coil.

Fastmarkets' weekly price assessment for [steel cold-rolled coil, fob mill US](#) dropped to \$100 per hundredweight (\$2,000 per short ton) on Thursday December 23 from \$102 per hundredweight on December 16.

Fastmarkets' price assessment for [steel hot-dipped galvanized coil \(cold-rolled base\), fob mill US](#) sank to \$98 per cwt on Thursday from \$102 per cwt a week earlier.

Fastmarkets' price assessment for [steel hot-dipped galvanized coil \(hot-rolled base\), fob mill US](#) slid to \$96 per cwt (\$1,920 per ton) on Thursday from \$100 per cwt (\$2,000 per ton) a week earlier.

Data was received in a range of \$91.50-106.00 per cwt for cold roll. For galvanized base, inputs were received mostly in a range of \$91-106 per cwt, with one deal reported at a considerably lower level.

One mill source in the Midwest said deal prices are still at the upper end of the above ranges for both items.

For year's end, more and cheaper transactions have been reported for HDG items than for CRC, according to market participants. That explains why prices for cold roll are higher than galvanized - at least temporarily.

"Spot market pricing I have received from the mills indicate that cold roll is indeed in a shorter supply," a southern distributor said.

Lead times have narrowed to approximately three to five weeks at most mill sites while inventories have recovered to desired levels, some service center sources said.

"I hate to burst anyone's bubble, but there is no short supply at all," an East Coast distributor said. "All the mills are now interested in quoting any hot-rolled, cold-rolled or coated item we are looking for... The backlogs are quickly disappearing and going back to normal times."

Some steelmakers may have found themselves holding too much HDG tonnage at the end of the year because the automotive chip shortage had caused them to redirect unneeded cold roll to their coating lines. Market participants debated whether some of the lowest-reported year-end clearance deals would persist into 2022 or pricing would recover in a normalized spot market.

"The mills have done what they are going to do and then will re-evaluate January order books and hope auto bounces back before [prices] dip down that low again, so demand will be key," a sheet consumer said. "Lead times all now seem to be into January, with some value add in February."

Fastmarkets' daily [steel hot-rolled coil index, fob mill US](#) was calculated at \$76.88 per cwt on Thursday - its lowest since May. At Thursday's prices, cold roll traded at an unprecedented \$23.12 per cwt above HRC - more than double its customary premium. The two varieties of HDG base were \$21.12 per cwt and \$19.12 above HRC respectively.

Market participants said import volumes are projected to be higher for HRC than for value-added items, [while additional production capacity is still ramping up throughout North America](#).

"That spread is real, as HRC has been under more pressure, with more HRC coming on next year," the consumer said. "As long as auto does not tank... expect that spread to stay wide."

Thorsten Schier in New York and Mark Burgess in Knoxville, Tennessee, contributed to this report.

US HRC trade log for the week of Dec 20-23

By Thorsten Schier - Monday 27 December

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

Fastmarkets' calculation of the daily [steel hot-rolled coil index, fob mill US](#) averaged \$78.92 per hundredweight (\$1,578.40 per short ton) last week, down by 3.31% from \$81.53 per cwt the previous week.

For the week ended Thursday December 23, the index was based on the following inputs:

- Deals at \$82.50-83.00 per cwt for medium tons
- Offers at \$70-75
- Indication at \$75-82
- Offer at \$80
- Indication at \$80
- Indication at \$80
- Indication at \$76-78
- Indication at \$78-79
- Offer at \$85
- Deal at \$79
- Indication at \$74-76
- Offer at \$81
- Bid at \$72.00-72.50

Fastmarkets specifies volumes under one of the following categories:

Small: 50-499 tons

Medium: 500-1,999 tons

Large: 2,000-9,999 tons

Extra-large: 10,000 tons or more

Any data submitted under a [Data Submitter Agreement](#) will not be published. Fastmarkets uses its [expert judgment](#) to exclude outlying or unrepresentative numbers, and discounts or discards prices that it believes might otherwise be questionable and/or unreliable. Discarded inputs are not included in this trade log, but when inputs are discarded it is noted in the daily market report.

To provide feedback on this trade log or if you would like to provide price information by becoming a data submitter, please contact pricing@fastmarkets.com. Please add the subject heading: FAO: US HRC Index.

Turkey sole active buyer amid thin global scrap trade

By Vlada Novokreshchenova, Cem Turken, Paul Lim, Carrie Bone, Tianran Zhao - Monday 27 December

The Christmas and New Year holidays have resulted in thinner spot liquidity in the major scrap markets around the world.

Turkey books more cargoes before holidays.

US East Coast deal concludes at a lower price.

Vietnamese demand remains soft.

Chinese domestic scrap prices up on restocking demand.

Taiwanese buyers secure cargoes at lower prices.



Indian market liquidity thin due to weak sentiment.

Turkey

Bellwether import market Turkey booked four deep-sea scrap cargoes, from Europe, the United Kingdom and the Baltic Sea region. The transactions were at lower prices compared with the last tranche of deals due to a volatile lira.

Pricing history

steel scrap HMS 1&2 (80:20 mix), North Europe origin, cfr Turkey
steel scrap HMS 1&2 (80:20), US origin, cfr Turkey

United States

An East Coast exporter sold a bulk ferrous scrap cargo to Turkey at a \$12.50-per-tonne discount from the previous transaction heard. No deals were heard from the West Coast.

Pricing history

steel scrap HMS 1&2 (80:20), export index, fob New York
steel scrap shredded scrap, export index, fob New York
steel scrap, HMS 1&2 (80:20), export index, fob Los Angeles

Vietnam

Vietnamese buyers continued to stay out of the spot market amid bearish sentiment caused by poor steel sales and growing Covid-19 cases. This is despite China importing steel billet again.

Pricing history

Steel scrap, HMS 1&2 (80:20), cfr Vietnam

China

China's domestic steel scrap prices gained ground, with mills stocking up on material ahead of the Lunar New Year holidays.

Pricing history

Steel scrap, index, heavy recycled steel materials, cfr north China

Taiwan

Taiwanese buyers managed to secure containerized US ferrous scrap imports at lower prices ahead of the year-end lull.

Pricing history

steel scrap, HMS 1&2 (80:20 mix), US material import, cfr main port Taiwan

India

Prices for shredded steel scrap imported into India fell due to thin spot liquidity and weak global sentiment.

Pricing history

Steel scrap, shredded, index, import, cfr Nhava Sheva, India

GLOBAL WEEKLY SCRAP WRAP

	Price on 24/12	Price on 17/12	Value change week on week
Steel scrap HMS 1&2 (80:20 mix) North Europe origin, cfr Turkey, \$/tonne	456.68	463.50	▼ 6.82
Steel scrap HMS 1&2 (80:20 mix) US origin, cfr Turkey, \$/tonne	464.65	471.47	▼ 6.82
Steel scrap HMS 1&2 (80:20 mix) export, fob main port UK, \$/tonne*	422.50	432.00	▼ 9.50
Steel scrap HMS 1&2 (80:20), export index, fob New York, \$/tonne	430	430	0.00
Steel scrap HMS 1&2 (80:20), export index, fob Los Angeles, \$/tonne	475	475	0.00
Steel scrap HMS 1&2 (80:20 mix) US material import, cfr main port Taiwan, \$/tonne*	443.50	445.00	▼ 1.50
Steel scrap, heavy recycled steel materials, cfr China, \$/tonne*	483.02	473.33	▲ 9.69
Steel scrap, shredded, index, import, cfr Nhava Sheva, India, \$/tonne	525.10	529.56	▼ 4.46
Steel scrap, shredded, import, cfr delivered Turkish port, \$/tonne*	479.50	484.00	▼ 4.50
Steel scrap HMS 1&2 (80:20), cfr Vietnam, \$/tonne*	500.00	527.50	▼ 27.50

*midpoint of the price assessment range

Source: Fastmarkets

Singapore rebar demand stable ahead of new year

By Paul Lim - Monday 27 December

Demand for imported rebar in Singapore was stable in the past week, with some participants remaining in the spot market for cargoes ahead of the new year.

Buyers were indicating to sellers that they could accept prices of around \$710 per tonne cfr Singapore on a theoretical-weight basis for open-origin cargoes.

Middle Eastern rebar remains the main affordable supply, sources said, with a Middle Eastern steelmaker able to accept prices of around \$710 per tonne cfr on a theoretical-weight basis for quantities of at least 25,000-30,000 tonnes.

While there were also sellers who were able to meet bids of \$710 per tonne cfr Singapore with Indian blast-furnace-grade rebar supply, not all buyers were keen to purchase such material.

A major Chinese steelmaker was heard offering rebar to South Korea at \$745 per tonne cfr in the past week, which is equivalent to \$775-780 per tonne cfr Singapore on a theoretical-weight basis, sources said.

A major steelmaker in Vietnam continued to offer blast-furnace-grade rebar to Singapore at \$700 per tonne on an fob basis for March-shipment cargoes, which resulted in thin interest due to the high cfr price.

Market sources estimated that buyers would have to pay around \$710 per tonne cfr Singapore to secure imports.

"Many buyers have sufficient quantities for January- and February-shipment cargoes and are looking to purchase March-shipment cargoes only," a local seller told Fastmarkets on Monday December 27.

Fastmarkets' price assessment for steel reinforcing bar (rebar), import, cfr Singapore, which mainly looks at cargoes sold into Singapore on a theoretical-weight basis, was \$710 per tonne on Monday, down from \$710-715 per tonne week on week.

**Wire rod**

An Indonesian blast-furnace operator offered wire rod to the Philippines at \$735-740 per tonne cfr in the past week, an increase of \$25 per tonne week on week.

It is also offering wire rod to Taiwan at the same prices, although buyers there were not looking to purchase at more than \$710 per tonne cfr Taiwan.

The Indonesian steelmaker is wont to offer wire rod at low prices after securing sufficient orders for January-and February-shipment cargoes, preferring instead to wait to sell March-shipment cargoes in the coming weeks.

There was thin spot liquidity heard in the Philippines due to the Christmas and Boxing Day holidays over the weekend.

A major Indian steelmaker is looking to offload 5,000 tonnes of blast-furnace-produced wire rod on letter of credit payment terms in an auction that will open on December 28.

Fastmarkets' price assessment for **steel wire rod (low carbon), import, cfr Southeast Asia**, which mainly focuses on low-carbon mesh-quality material sold to the Philippines, was \$710 per tonne on Monday, unchanged since November 22.

China's monthly scrap imports surge by 142% in November

By Tianran Zhao - Monday 27 December

China imported 22,129 tonnes of ferrous scrap in November, a 141.79% increase compared with October's 9,152 tonnes, according to the latest Chinese customs data.

Of the total, 15,205 tonnes (68.71%) originated from Japan.

South Korea remained China's second-largest scrap supplier in November, accounting for 4,291 tonnes (19.39%) of imports.

Hong Kong with 587 tonnes (2.65%) and Malaysia with 506 tonnes (2.29%), were the other significant sources of ferrous scrap for mainland China.

In November 2020, China imported just 2,210 tonnes of steel scrap, having restricted imports of the steelmaking raw material since July 2019. It only began allowing certain grades to be brought in at the start of 2021.

In the first 11 months of 2021, China imported 523,960 tonnes of steel scrap, a 2,289% increase compared with the same period in 2020.

The breakdown of imports in November, according to Harmonized System (HS) codes, are as follows:

Cast iron scrap (HS 72041000): 253 tonnes

Other alloy steel scrap (HS 72042900): 7,901 tonnes

Scrap produced in machining (HS code 72044100): 791 tonnes

Other steel scrap (HS 72044900): 13,184 tonnes

China also imported 2,986 tonnes of stainless steel scrap (HS 72042100) in November, with most of this coming from Japan (2,522 tonnes, or 84.47%) and South Korea (245 tonnes, or 8.21%).

China did not import any tin-coated steel scrap (HS code 72043000) or scrap ingot for melting (HS code 72045000) in November.

Iron ore prices down amid weak steel market

By Alice Li - Monday 27 December

Seaborne iron ore prices trended lower on Monday December 27, with steel prices continuing to fall after more mills gradually resumed production this month, market sources told Fastmarkets.

Fastmarkets iron ore indices

62% Fe fines, cfr Qingdao: \$123.18 per tonne, down \$3.40 per tonne

62% Fe low-alumina fines, cfr Qingdao: \$123.33 per tonne, down \$3.68 per tonne

58% Fe fines high-grade premium, cfr Qingdao: \$92.77 per tonne, down \$4.76 per tonne

65% Fe Brazil-origin fines, cfr Qingdao: \$140.50 per tonne, down \$5.00 per tonne

63% Fe Australia-origin lump ore premium, cfr Qingdao: \$0.15 per dry metric tonne unit (dmtu), down \$0.01 per dmtu

62% Fe fines, fot Qingdao: 817 yuan per wet metric tonne (**implied 62% Fe China port price:** \$118.41 per dry tonne), down by 17 yuan per wmt

Key drivers

The most-traded May iron ore futures contract on the Dalian Commodity Exchange inched down through the day. It ended the day down by 4% from the closing price of 713.50 yuan (\$112) per tonne on Friday December 24.

The iron ore forward-month swap contracts on the Singapore Exchange climbed. By 5:57 pm Singapore time, the most-traded January contract was up by \$4.83 per tonne compared with Friday's settlement price of \$127.43 per tonne.

The iron ore futures market on the Dalian Commodity Exchange dropped further from Friday night following weak steel prices in both the futures market and physical market in northern China.

More steel mills, except those that are under emissions-related production curbs in Hebei province from November this year to March 2022, have resumed production gradually after meeting the target for keeping crude steel output in line, a Shanghai-based trader source said.

Steel production may rise this week amid increasing profits margins, which would also drag steel prices down due to current low demand, the source added.

A trader source from Shandong noted that offers for Pilbara Blend fines and Super Special fines only inched down slightly due to traders' limited available resources, but overall, transactions decreased from Friday.

Some steel mills with low stocks at factories will likely procure iron ore at China's ports on a demand basis this week after resuming operations as well as for production during the New Year Festival January 1-3, the same source added.

A mill source from Hebei province said mills' preference on iron ore brands or the charging ratio with lump and pellet ore in blast furnaces has stayed largely stable, and speculative trading houses were the only major buyers for lump at ports.

**Quote of the day**

"The downtrend in iron ore and steel futures may be because of panic on limited room for prices to keep increasing, while the physical demand for steel products - to resell them after Chinese Lunar New Year in February - remained weak due to high prices," a Hebei-based analyst said.

Trades/offers/bids heard in the market

Rio Tinto, Globalore, 170,000 tonnes of 62% Fe Pilbara Blend fines, traded at \$122.30 per tonne cfr China, laycan January 26-February 4.

Market participant indications

Fastmarkets index for iron ore 62% Fe fines

Brazilian Blend fines: \$121-124 per tonne cfr China
Newman fines: \$120.00-121.41 per tonne cfr China
Mac fines: \$113.46-114.21 per tonne cfr China
Jimblebar fines: \$98.66-104.02 per tonne cfr China

Fastmarkets index for iron ore 65% Fe Brazil-origin fines
Iron Ore Carajas: \$132.00-145.60 per tonne cfr China

Port prices

Pilbara Blend fines were traded at 798-810 yuan per wmt in Shandong province and Tangshan city on Monday compared with 815-845 yuan per wmt on Friday.

The latest range is equivalent to about \$116-117 per tonne in the seaborne market.

Dalian Commodity Exchange

The most-traded May iron ore futures contract closed at 683 yuan (\$107) per tonne on Monday, down by 30.50 yuan per tonne from Friday's closing price.

Alex Theo in Singapore contributed to this report.

China's billet imports hit 14-month high in November

By Zihuan Pan - Monday 27 December

China's billet imports hit their highest in 14 months in November after a power crunch pushed domestic prices to nearly five-month highs, according to Chinese customs data.

The country imported 1.35 million tonnes of billet last month, **up by 51% month on month and by 45% year on year**. The year-over-year increase in November came after five consecutive months of declines.

"Power rationing across the nation pushed domestic billet prices higher in September and October, **boosting orders for imported materials**," a Shanghai-based industry analyst said.

Fastmarkets' pricing assessment for **steel billet domestic, exw Tangshan, Northern China** was 4,330 yuan per tonne on October 11, its highest since May 20.

CHINA STEEL IMPORTS

(tonnes)	November 2021	November 2020	% Change
Hot-rolled coil	222,848	586,903	▼ 62%
Billet	1,353,390	934,396	▲ 45%
Slab	261,430	515,409	▼ 49%

Source: General Administration of Customs, China

TOP SUPPLIERS OF HOT-ROLLED COIL TO CHINA

(tonnes)	Country/region	Quantity
	Japan	177,197
	South Korea	29,231
	Taiwan, China	6,874
	Germany	6,501
	Kazakhstan	2,016

Source: General Administration of Customs, China

TOP SUPPLIERS OF SLAB TO CHINA

(tonnes)	Country/region	Quantity
	Indonesia	144,574
	India	50,472
	The United Arab Emirates	31,695
	Malaysia	19,936
	South Korea	6,749

Source: General Administration of Customs, China

TOP SUPPLIERS OF BILLET TO CHINA

(tonnes)	Country/region	Quantity
	Vietnam	266,240
	India	234,008
	The United Arab Emirates	224,561
	Oman	179,744
	Russian	114,318

Source: General Administration of Customs, China

China's exports of finished steel continued to fall in November on a month-on-month basis.

Hot-dipped galvanized coil remained the most popular among major long and flat products. The country exported 1.36 million tonnes of hot-rolled coil, cold-rolled coil, HDG, plate, rebar, wire and rod in November, with HDG accounting for about 46%.

Thailand overtook South Korea to become the biggest buyer of Chinese HDG last month. South Korea fell to fourth place.



CHINA STEEL EXPORTS (tonnes)			
	November 2021	November 2020	% Change
Hot-rolled coil	224,087	568,721	▼ 61%
Cold-rolled coil	254,412	145,728	▲ 75%
Hot-dipped galvanized coil	624,945	456,602	▲ 37%
Plate	35,588	34,905	▲ 2%
Steel bar & rod	124,309	167,373	▼ 26%
Wire rod	98,321	215,445	▼ 54%

Source: General Administration of Customs, China

CHINA STEEL EXPORTS (tonnes)			
	November 2021	November 2020	% Change
Hot-rolled coil	224,087	568,721	▼ 61%
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Steel bar & rod	124,309	167,373	▼ 26%
Wire rod	98,321	215,445	▼ 54%

Source: General Administration of Customs, China

TOP BUYERS OF CHINESE HOT-DIPPED GALVANIZED COIL (tonnes)	
Country/region	Quantity
Thailand	74,890
Brazil	46,833
Italy	46,263
South Korea	33,730
Japan	32,877

Source: General Administration of Customs, China

TOP BUYERS OF CHINESE STEEL BAR & ROD (tonnes)	
Country/region	Quantity
Indonesia	19,939
Belgium	18,166
Mexico	16,767
South Korea	12,933
Taiwan, China	6,066

Source: General Administration of Customs, China

Note: China changed the tax rebate for certain exports and the tariff for certain imports of steel products from **May 1** and **August 1**. As such, Fastmarkets has adjusted its coverage of data accordingly.

The Harmonized System codes of steel products in this report are as follows:

Billet: 72071100

Slab: 72071200

Hot-rolled coil: 72082500, 72082690, 72082710, 72082790, 72083600, 72083700, 72083810, 72083890, 72083910, 72083990, 72253000

Steel bar and rod: 72142000, 72283010, 72283090

Cold-rolled coil: 72091510, 72091590, 72091690, 72091790, 72091810, 72091890

Plate: 72259990, 72089000, 72111400

Hot-rolled galvanized coil: 72104900, 72109000, 72259200

Wire rod: 72279090, 72279010, 72139900, 72139100, 72272000

Jessica Zong in Shanghai contributed to this report.

Seaborne coking coal prices largely steady

By Min Li - Monday 27 December

Both cfr China and fob Australia segments of the seaborne coking coal market were relatively stable on Monday December 27, though domestic prices in China increased in response to miners reducing output at the year end.

Fastmarkets indices

Premium hard coking coal, cfr Jingtang: \$352.42 per tonne, unchanged

Hard coking coal, cfr Jingtang: \$322.23 per tonne, unchanged

Premium hard coking coal, fob DBCT: \$349.50 per tonne, up \$0.58 per tonne

Hard coking coal, fob DBCT: \$299.80 per tonne, up \$0.50 per tonne

No bids were reported in the cfr China segment of the market on Monday.

At ports in northern China, premium Australian mid-volatility hard coking coal was offered at 2,200-2,300 yuan (\$345-361) per tonne, a coke producer source in Hebei province said on Monday. Meanwhile, Australian low-vol hard coking coal was offered at around 2,000 yuan per tonne, a trading source in Beijing said.

The coke producer source said that it had not been procuring Shanxi-origin low-sulfur premium hard coking coal for over a month. Instead, the coke producer had been purchasing Australian coking coal at ports, which are cheaper in comparison.

Many coal mines in Shanxi province have been reducing their output as the new year approaches, which pushes up domestic coking coal prices.

Fastmarkets' price assessment for **hard coking coal domestic China spot market, Shanxi-origin, delivered Tangshan** was 2,175-2,800 yuan per tonne on Monday, widening upward by 180 yuan per tonne from 2,175-2,620 yuan per tonne on December 20.

The coke producer source added that a coke price increase mooted by suppliers in mid-December - the first in one-and-a-half months - had failed to take hold in Hebei province because mills in that region were operating under government-imposed production restrictions and they have enough coke in their inventories.

In the fob Australia market, seaborne prices edged up on good demand and relatively tight supply, a coke producer source in India said.

Dalian Commodity Exchange

The most-traded May coking coal futures contract closed at 2,189.50 yuan per tonne on Monday, down by 137.50 yuan per tonne.

The most-traded May coke contract closed at 2,935.50 yuan per tonne, down by 233 yuan per tonne.



Chinese HRC prices drop on impending supply increase

By Zihuan Pan - Monday 27 December

China's spot prices for hot-rolled coil retreated on Monday December 27 amid tumbling futures triggered by expectations of supply increases in January.

Domestic

Eastern China (Shanghai): 4,850-4,880 yuan (\$761-766) per tonne, down by 60-70 yuan per tonne

The most-traded HRC contract on the Shanghai Futures Exchange extended its decline from last Friday's night trading session, falling to a two-week low of 4,392 yuan per tonne on Monday.

Market participants attributed the plunge to expectations that steel mills would ramp up production in January after hitting their annual output reduction targets for 2021.

Almost all mills in China will increase their blast furnace production rates, a Shanghai-based trader told Fastmarkets.

Production from the top steelmaking province of Hebei in northern China - where mills have been required to cut crude steel output by 30% year on year **during January 1-March 15** - is also likely to increase in January in comparison with December, given the tough production curbs in the fourth quarter of 2021.

Concerns over demand also sapped sentiment in the steel market, the trader added.

Orders for downstream products for the first quarter of 2022 have been poor, compared to the strong demand seen over the same period of 2021.

Spot trading activity for HRC in eastern China was "very poor" on Monday due to the tumble in the futures market, traders said.

Export

Fastmarkets' steel hot-rolled coil index export, fob main port China: \$760.79 per tonne, down by \$6.71 per tonne

The sharp losses on the SHFE prompted some mills and trading houses to lower their offers on Monday. Offers for SS400 HRC were mostly at \$765-800 per tonne fob China.

A major mill in eastern China slashed its offer by \$20 per tonne for the product to \$800 per tonne fob China for the week to December 31.

Market participants indicated that \$760 per tonne fob China was workable for transactions.

Trading activity for Chinese HRC exports was thin amid the Christmas holiday season.

Market chatter

"The market focus seems have shifted from an upbeat demand outlook amid monetary easing to inventories, winter stockpiling and costs. An increase in inventories and significant production increases are likely to weigh on prices," a Shanghai-based industry analyst said.

Shanghai Futures Exchange

The most-traded May HRC contract ended at 4,413 yuan per tonne on Monday, down by 203 yuan per tonne from **last Friday's close**.

China's domestic rebar prices fall on expectations of rising supply

By Jessica Zong - Monday 27 December

China's domestic rebar prices withdrew on Monday December 27 on market participants' expectation of higher supply in January.

Domestic

Eastern China (Shanghai): 4,750-4,780 yuan (\$745-750) per tonne, down by 60 yuan per tonne

A major rebar producer in eastern China will increase its supply in January by 30% in comparison with December, according to a local industry information provider.

The report aside, market participants also expect more steel mills to raise their production rates next month, having kept to limits imposed on them by the government to keep this year's output from exceeding that of last year.

As such, buyers put off their purchasing plans to wait for lower prices to emerge.

Despite the **ongoing winter-storage season** - a period when trading houses and stockists typically build up stock ahead of the Chinese New Year to be in a position to fulfill orders after that holiday - stockists were not actively buying in the past two days. But demand among them might increase in January if rebar prices fall to the production cost levels, which is around 4,300 yuan per tonne, a trader in Shanghai said.

Market chatter

"The outlook for the housing market in 2022 is pessimistic because central government offices repeatedly stressed against speculation on housing. As such, rebar prices will trend downward in January, which is typically the weakest month in terms of end-user demand," an industry analyst said.

Billet

As at 3pm, billet was being traded at 4,340 yuan per tonne including value-added tax in Tangshan, down by 50 yuan per tonne from last Friday.

Shanghai Futures Exchange

The most-traded May rebar futures contract closed at 4,307 yuan per tonne on Monday, down by 212 yuan per tonne from last Friday.

Seaborne iron ore concentrate, pellets markets strengthen further

By Alice Li - Monday 27 December

Prices for seaborne iron ore concentrate and pellets increased further in the week to Friday December 24 amid strong performance in the fines segment and a recovery in steel margins in China.

Fastmarkets iron ore indices

66% Fe concentrate, cfr Qingdao: \$154.23 per tonne, up \$14.40 per tonne

65% Fe blast furnace pellet, cfr Qingdao: \$200.24 per tonne, up \$15.37 per tonne

Iron ore pellet premium over 65% Fe fines, cfr China: \$53.20 per tonne, up \$0.70 per tonne

**Key drivers**

A few traders said that demand for seaborne concentrate and pellets was better last week than a week earlier as a result of a sustained shortage of domestic material and improved margin among steelmakers in northern China.

Premiums for certain brands of concentrate widened slightly, but overall, the strength of the segment was attributed to gains in the fines segment, a Xiamen-based analyst said.

Fastmarkets' index for [iron ore 65% Fe Brazil-origin fines](#) averaged \$143.82 per tonne cfr China last week, up by \$13.22 per tonne from the preceding week's average of \$130.60 per tonne.

Stronger demand in Europe and the Middle East has resulted in limited cargoes of Minas Rio Blast Furnace Pellet Feed being sold to China, a Ningbo-based trader said.

The same trader said that at least one cargo of Brazil-origin iron ore concentrate was traded against a 65% Fe index at a premium of around \$5 per tonne.

Margins for a handful of steel mills in northern and eastern China have recovered, which encouraged them to procure high-grade Brazilian fines at Chinese ports, a Shanghai-based trader said. Another factor for the increased demand could be curbs on sintering, which cause some steelmakers to procure more high-grade concentrate to produce pellets for steelmaking, a Shanghai-based trader source said.

While seaborne high-grade, low-alumina pellets are favored by end users looking to maintain their steel margins, trading activity involving these were limited last week due to mills buying on an as-needed basis at the end of the year.

Buying interest for iron ore pellets was also slightly depressed by the availability of iron ore lump - an alternative direct-charge raw material - at Chinese ports, a buyer source in northern China said.

Premiums for low-grade Indian pellets dropped rapidly last week amid weak demand among Chinese buyers due to such cargoes' high impurity levels, particularly alumina content, a mill source in southern China said.

Quote of the week.

"Steelmaking profits for mills in northern China are about 300-500 yuan per tonne based amid ongoing production curbs. They may start to consume high-grade raw materials," a Tangshan-based mill source said.

Trades/offers/bids heard in the market*Concentrate*

No visible market activity.

Pellets

Spot market, 50,000 tonnes of 63% Fe BRPL pellets, traded at \$152 per tonne cfr China, January loading.

Spot market, 50,000 tonnes of 64% Fe KIOCL pellets, traded at the January average of a 62% Fe index plus a pellet premium, January loading.

Spot market, 75,000 tonnes of 63% Fe Rashmi pellets, offered at the February average of a 62% Fe index and its Fe value-in-use, plus a premium of \$30 per tonne, January loading.

Spot market, 75,000 tonnes of 63% Fe Rashmi pellets, offered at the February average of a 62% Fe index, with Fe adjustment, plus a pellet premium, laycan January 15-30.

Alex Theo in Singapore contributed to this report.

Bids for CIS steel billet exports fall, but mills resist

By Vlada Novokreshchenova - Monday 27 December

Export prices for billet in the Commonwealth of Independent States declined toward the end of last week following the emergence of lower bids amid a weakening scrap market as well as a general lack of optimism in the semi-finished steel and long steel segments.

Fastmarkets' daily steel [billet index, export, fob Black Sea, CIS](#) fell by \$3 per tonne day on day to \$593 per tonne last Friday December 24.

Most interest came from North Africa although no confirmed sales were heard at the time of writing due to a mismatch of offers and bids.

Inspired by the [recent sales to Latin America at \\$590-605 per tonne fob Black Sea earlier this week](#), mills were not willing to go below \$600 per tonne fob.

In Egypt, Tunisia and Algeria, most recent offers heard were equivalent to \$600 per tonne fob Black Sea.

Bids from Egypt were mainly around \$635-640 per tonne cfr - or about \$585-590 per tonne fob Black Sea - last week following [a decrease in global scrap prices](#). Even lower bids of \$630 per tonne cfr - about \$580 per tonne fob Black Sea - were heard by the end of the week.

Buyers in Tunisia were seeking cargoes at \$640-645 per tonne cfr - about \$590-595 per tonne fob Black Sea - but these bids found no response from sellers.

In Turkey, CIS-origin billet was offered at \$635-640 per tonne cfr. The highest bid heard was \$625 per tonne cfr - or \$590 per tonne fob Black Sea - while most buyers were looking to buy at well below \$620 per tonne cfr.

Fastmarkets' daily index for [steel scrap, HMS 1&2 \(80:20 mix\), North Europe origin, cfr Turkey](#) was at \$456.68 per tonne last Friday, down by \$6.82 from a week earlier.

Fastmarkets' daily index for [steel scrap, HMS 1&2 \(80:20 mix\), US origin, cfr Turkey](#) was at \$464.65 per tonne on the same day, down by the same amount week on week.

Amid the lower scrap prices as well as poor demand, Fastmarkets' weekly price assessment for steel reinforcing bar (rebar), export, fob main port Turkey [fell by \\$5 per tonne to \\$680-690 per tonne last Thursday](#).

Low offers from traders push down Vietnam's HRC import prices

By Paul Lim - Monday 27 December

Import prices for hot-rolled coil in Vietnam declined last week amid a deluge of lower offers from traders.

Major traders were offering Indian SAE1006 HRC at \$770 per tonne cfr Vietnam in the first half of the week, listing three major Indian steelmakers as supply options. A transaction involving a 5,000-tonne parcel was heard at \$770 per tonne cfr Vietnam, though the purported seller in the deal denied it.

Since the evening of Wednesday December 23, offers started to tall until \$765 per tonne cfr Vietnam. There was market chatter of two transactions involving HRC shipments from a major Indian steelmake being concluded at \$760-765 per tonne cfr Vietnam.



A seller source close to the Indian steelmaker said the sales involved less than 10,000 tonnes.

But a Vietnamese trader said that about 30,000 tonnes of February-shipment HRC from the same steelmaker were available for sale at \$760 per tonne cfr Vietnam by Friday.

Buyers purchased actively last week, according to a major stockist in Vietnam.

"Some major re-rollers are in the spot market," he said on Thursday.

Sources at two other major Indian steelmakers told Fastmarkets that they were not offering any cargoes in the spot market directly.

A source close to one major Indian steelmaker said the mill was willing to sell at \$795-800 per tonne cfr Vietnam. The mill was heard to have sold a cargo at \$775 per tonne cfr Vietnam a week earlier, but this could not be verified with the steelmaker at the time of writing.

Indian steelmakers [have cut HRC prices for a second time so far in December](#) amid a slowdown in their domestic markets.

Vietnamese steelmakers were puzzled by the low offers from traders that emerged last week.

"It could be that they feel prices will continue to fall for February/March-shipment cargoes," a seller source close to a Vietnamese steelmaker said.

Other market participants said it was possible that traders were liquidating their positions to close their accounts and order books for the year.

"Indian prices are a major factor to consider now. Prices are still falling even though iron ore prices in China have increased," a Vietnamese trader told Fastmarkets last Friday.

Sellers in East Asia said Indian steelmakers were hungry for more deals amid falling domestic HRC prices in India. This is especially so with one Indian steelmaker having excess volumes from a major steelworks in western India to dispose of in the spot market.

Fastmarkets' assessment of [steel HRC import, cfr Vietnam](#), which mainly looks at 2-3mm rerolling-grade SAE1006 HRC and equivalent products, was \$760-765 per tonne cfr Vietnam on Friday December 24, down by \$25 per tonne from \$785-790 per tonne [a week earlier](#).

A major South Korean steelmaker offered HRC at \$830 per tonne cfr to Malaysia and Thailand last week, while a major Japanese mill offered cargoes to Indonesia at \$840 per tonne cfr.

The Japanese steelmaker did not offer HRC to Vietnam due to a large gap between bids and offers.

Fastmarkets' assessment for [steel hot-rolled coil \(Japan, Korea, Taiwan-origin\), import, cfr Vietnam](#) was \$810 per tonne last Friday, down by \$10 per tonne from \$820 per tonne [a week earlier](#).

China bucks downtrend in Asian scrap market

By Paul Lim, Tianran Zhao - Monday 27 December

China is bucking the downtrend in the Asian scrap market, with stronger domestic demand for the steelmaking raw material supporting prices.

- South Korean bids for Japanese scrap fall

- Bullish Chinese domestic market buoys import prices

South Korea

A major South Korean blast furnace-based steelmaker lowered its bid for bulk cargoes of Japanese heavy scrap (HS) by ¥1,000 (\$9) per tonne to ¥54,000 per tonne but kept its bid for H2 scrap unchanged at ¥47,000 per tonne.

It is not bidding for shredded and Shindachi Bara scrap this time round, having purchasing HS at ¥55,000 per tonne and Shindachi Bara at ¥56,000 per tonne via its last tender.

Another South Korean steelmaker was heard to have bought shredded scrap at ¥56,000 per tonne and Shindachi Bara at ¥59,300 per tonne.

Other South Korean steelmakers were heard to be bidding at ¥59,000-59,500 per tonne cfr for Shindachi scrap and at ¥56,000 per tonne for shredded scrap.

No interest was heard for bulk cargoes of heavy melting scrap 1&2 (80:20), although a source at a major buyer said it would have aimed to purchase these at \$490 per tonne cfr if it was in the market.

Fastmarkets' price assessment for [steel scrap H2, Japan origin, import, cfr main port South Korea](#) was ¥50,500-51,000 per tonne last Friday December 24, down by ¥500-1,000 per tonne from ¥51,000-52,000 per tonne a week earlier.

The price assessment for [steel scrap, HMS 1&2 \(80:20\), deep-sea origin, import, cfr South Korea](#) was \$490-500 per tonne last Friday, down by \$10 per tonne from \$500-510 per tonne cfr a week earlier.

China

Domestic steel scrap prices in China went up over the past week amid improved demand for the steelmaking material ahead of the Chinese New Year, sources told Fastmarkets.

Fastmarkets' weekly price assessment for [steel scrap heavy scrap, domestic, delivered mill China](#) was 3,500-3,610 yuan (\$550-567) per tonne last Friday, up by 80-140 yuan per tonne from 3,420-3,470 yuan per tonne a week earlier. Disregarding VAT, China's domestic scrap prices were around \$486-502 per tonne.

"During the [January 31-February 6] Chinese New Year holiday, most of the scrapyards will be closed. Many blast furnace-based mills have started stocking up ahead of the holiday so that they can operate normally during the holiday," a Chinese scrap industry analyst told Fastmarkets. "There are also other mills that are purchasing scrap now to use after the holiday when supply is likely to be tight."

The bullishness in the domestic scrap market raised buyers' tolerance levels for prices of imports, but a persistent gap between bids and offers kept trading activity low, sources said.

Fastmarkets' calculation of the [steel scrap, index, heavy recycled steel materials, cfr north China](#) was \$493.02 per tonne last Friday, up by \$1.19 per tonne day on day and \$9.69 per tonne higher week on week.

Bids for imported HRS101-grade steel scrap were heard at \$485-500 per tonne cfr northern China last Friday. Market participants indicated that prevailing market prices for such material were around \$490-500 per tonne cfr that day.

Offers from Japan for heavy scrap were heard at \$560 per tonne cfr China on the same day.



Industrial minerals

Tesla-Syrah graphite deal signals OEMs taking notice of anode supply bottlenecks

By Davide Ghilotti - Monday 27 December

Last week's supply agreement between Tesla and graphite producer Syrah Resources for graphite anode material signals that original equipment manufacturers (OEMs) are starting to notice the need to secure the supply of materials beyond battery cathode components.

Under the agreement, Australia's Syrah Resources will supply United States electric vehicles (EVs) manufacturer Tesla with natural graphite active anode material from its Vidalia production facility in the US at a fixed price for four years, starting with the first commercial production at the site.

Syrah's share price surged 32% on the news - a sign that the market did not underestimate the significance of the agreement for the future of the company.

The deal is significant for Syrah since it earmarks the majority of the projected output from its proposed expansion of the Vidalia operation to a large consumer. The agreement comes with an option for Tesla to buy additional volumes from Vidalia, subject to Syrah expanding its anode capacity beyond 10,000 tonnes per year, according to the announcement.

The company is due to make a final decision next month on whether to pursue the capacity expansion at the site, and is in the process of assessing the financing commitment needed. The agreement to supply Tesla would weigh positively on the financial planning of the operation.

Until now, the attention on the part of OEMs to look at their future supply of battery components had almost been entirely on cathodes. Lithium, in particular, has been the subject of many a deal struck this year to date, from both existing suppliers and oncoming projects, some of which are still years away from first production.

A source at an international OEM recently lamented to Fastmarkets how "automakers have been entirely focused on cathode materials, while anode has been in the backseat."

The share of costs is the main reason for that, he added. Component costs in battery cathodes are higher than in anodes, as the rally in lithium and cobalt prices this year has shown. As such, cost management has prioritized cathode raw materials sourcing and price planning.

As the source put it: "Cutting 1% in cathode [costs] gives you higher savings than 1% in anode."

The perception of supply shortages on the cathode side supports this, given the progressive tightness lithium and cobalt have displayed in 2021.

Prices for graphite, both natural flake as well as natural-based spherical, have also increased in the past few months amid logistical constraints, higher demand and an energy crunch in China, although the pace of growth has been nowhere near as staggering as that of, say, lithium.

Availability projections for graphite are likewise less dire. While the lithium shortage is already here, sentiment for future graphite availability is still more relaxed.

That said, graphite is a mainstay component of battery anodes across the main battery chemistries employed by the EV sector today. In volume terms, the share of graphite is quite large, especially in some chemistries.

Other alternatives, such as silicon anode, are expected to make important inroads in the next couple of years.

Using silicon anode would reduce the graphite component but, again, the technology is still in development, and has not been adopted. Widespread adoption in the automotive industry is a long process, and today, what you have in anodes is graphite, not silicon.

If on the one hand automakers are open to exploring alternative technologies that could offer upsides in performance and costs, they still have to play with existing technologies in the meantime, and plan accordingly.

How to source graphite is a question that will need answering.

And supply bottlenecks for graphite anode already exist.

The global market remains ever so skewed toward China's solid dominance. The country hosts most of the spherical graphite processing capacity, is one of the largest producers of synthetic graphite - normally blended with coated spherical (CSPG) into battery anodes - and is home to the largest anode manufacturers.

Non-Chinese presence in spherical graphite and in graphite anode material is still under development.

Syrah is expected to be the first ex-China graphite producer to move into successful production of active anode material. Other graphite producers are also moving downstream into the battery space, aiming to counter China's supply dominance.

While supply tightness may be less visible on the horizon for graphite anode than for cathode materials, some strategic planning on securing supply will have to feature in Western OEMs' considerations.

There is expectation in the market that the deal between Syrah and Tesla will push other OEMs to take stock of the graphite bottlenecks and move accordingly.

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	27 Dec 2021	123.18	-2.69%	Nov 2021	95.32
MB-IRO-0009	Iron ore 65% Fe Brazil-origin fines, cfr Qingdao, \$/tonne	27 Dec 2021	140.5	-3.44%	Nov 2021	110.92
MB-IRO-0010	Iron ore 63% Fe Australia-origin lump ore premium, cfr Qingdao, US cents/dmtu	27 Dec 2021	15	-6.25%	Nov 2021	14.1
MB-IRO-0011	Iron ore 62% Fe fines, fot Qingdao, yuan/wet tonne	27 Dec 2021	817	-2.04%	Nov 2021	653.1
MB-IRO-0012	Iron ore 65% Fe blast furnace pellet, cfr Qingdao, \$/tonne	24 Dec 2021	200.24	8.31%	Nov 2021	165.99
MB-IRO-0013	Iron ore 66% Fe concentrate, cfr Qingdao, \$/tonne	24 Dec 2021	154.23	10.30%	Nov 2021	113.44
MB-IRO-0015	Iron ore 58% Fe fines, cfr Qingdao, \$/tonne	27 Dec 2021	72.27	-3.68%	Nov 2021	59.43
MB-IRO-0016	Iron ore 58% Fe fines high-grade premium, cfr Qingdao, \$/tonne	27 Dec 2021	20.5	-8.89%	Nov 2021	8.62
MB-IRO-0017	Iron ore 58% Fe fines high-grade premium index, cfr Qingdao, \$/tonne	27 Dec 2021	92.77	-4.88%	Nov 2021	68.05
MB-IRO-0018	Iron ore 62% Fe fines, % Fe VIU, cfr Qingdao, \$/tonne	27 Dec 2021	2.11	-0.94%	Nov 2021	1.9
MB-IRO-0019	Iron ore 65% Fe fines, % Fe VIU, cfr Qingdao \$/tonne	27 Dec 2021	2.61	11.54%	Nov 2021	2.16
MB-IRO-0020	Iron ore 62% Fe fines, % Si VIU, cfr Qingdao, \$/tonne	27 Dec 2021	(5.1)		Nov 2021	(4.97)
MB-IRO-0021	Iron ore 62% Fe fines, % Al2O3 VIU, cfr Qingdao, \$/tonne	27 Dec 2021	(6.53)		Nov 2021	(6.27)
MB-IRO-0022	Iron ore 62% Fe fines, fot Qingdao, \$/tonne conversion	27 Dec 2021	118.41	-2.03%	Nov 2021	93.49
MB-IRO-0024	Iron ore 62% Fe fines, 0.01% P VIU, cfr Qingdao, \$/tonne	27 Dec 2021	(0.83)		Nov 2021	(0.85)
MB-IRO-0076	Iron ore product differential - 62% Fe Pilbara Blend Fines, cfr Qingdao, \$/tonne	27 Dec 2021	(0.88)		Nov 2021	(1.2)
MB-IRO-0077	Iron ore DR-grade pellet premium to 65% Fe fines index, Middle East reference, \$/tonne	30 Nov 2021	50	0.00%	Nov 2021	50
MB-IRO-0114	Iron ore 62% Fe Pilbara blend fines, cfr Qingdao, \$/tonne	27 Dec 2021	122.3	-2.36%	Nov 2021	94.12
MB-IRO-0144	Iron ore 62% Fe low-alumina fines, cfr Qingdao, \$/tonne	27 Dec 2021	123.33	-2.90%	Nov 2021	96.26
MB-IRO-0177	Iron ore pellet premium over 65% Fe fines, cfr China, \$/tonne	24 Dec 2021	53.2	1.33%	Nov 2021	52.63

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	27 Dec 2021	2175 - 2800	3.75%	Nov 2021	3169 - 3636
MB-COA-0002	Hard coking coal, cfr Jingtang, \$/dmt	27 Dec 2021	322.23	0.00%	Nov 2021	432.32
MB-COA-0003	Premium hard coking coal, fob DBCT, \$/dmt	27 Dec 2021	349.5	0.17%	Nov 2021	370.57
MB-COA-0004	Hard coking coal, fob DBCT, \$/dmt	27 Dec 2021	299.8	0.17%	Nov 2021	312.26
MB-COA-0005	Premium hard coking coal, cfr Jingtang, \$/dmt	27 Dec 2021	352.42	0.00%	Nov 2021	490.35
MB-COA-0006	Coke 65% CSR, fob China, \$/tonne	21 Dec 2021	500 - 525	-0.49%	Nov 2021	573 - 601
MB-COA-0007	PCI low-vol, cfr Jingtang, \$/dmt	24 Dec 2021	223.46	4.83%	Nov 2021	235.64
MB-COA-0008	PCI low-vol, fob DBCT, \$/dmt	24 Dec 2021	240.08	0.00%	Nov 2021	222.25

**Pig iron, DRI & HBI prices**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FE-0002	Hot-briquetted iron export, fob main port Venezuela, \$/tonne	24 Dec 2021	370 - 390	0.00%	Nov 2021	370 - 390
MB-FE-0003	Hot-briquetted iron, fob New Orleans, \$/tonne	27 Dec 2021	490 - 520	0.00%	Nov 2021	462 - 476
MB-FE-0004	Hot-briquetted iron, cfr Italian ports, \$/tonne	23 Dec 2021	490 - 495	0.00%	Nov 2021	460
MB-FEN-0001	Nickel pig iron, high-grade NPI content 10-15%, contract, ddp China, yuan/nickel unit price	24 Dec 2021	1250 - 1290	-0.78%	Nov 2021	1475 - 1510
MB-FEN-0002	Nickel pig iron, high-grade NPI content 10-15%, spot, ddp China, yuan/nickel unit price	24 Dec 2021	1250 - 1290	-0.78%	Nov 2021	1472.5 - 1495
MB-FEN-0004	Pig iron foundry grade, Brazil, fob New Orleans, \$/tonne	27 Dec 2021	710 - 740	0.00%	Nov 2021	698 - 728
MB-IRO-0001	Pig iron export, fob main port Baltic Sea, CIS, \$/tonne	23 Dec 2021	550	0.00%	Nov 2021	565 - 597.5
MB-IRO-0002	Pig iron export, fob main port Black Sea, CIS, \$/tonne	23 Dec 2021	495 - 505	-0.50%	Nov 2021	522.5 - 541.25
MB-IRO-0004	Pig iron import, cfr Gulf of Mexico, US, \$/tonne	24 Dec 2021	545 - 550	-0.91%	Nov 2021	566.25 - 573.75
MB-IRO-0005	Pig iron export, fob port of Vitoria/Rio, Brazil, \$/tonne	24 Dec 2021	495 - 500	-0.50%	Nov 2021	500 - 510
MB-IRO-0006	Pig iron export, fob Ponta da Madeira, Brazil, \$/tonne	24 Dec 2021	530	-1.85%	Nov 2021	545.5 - 547.5
MB-IRO-0014	Pig iron import, cfr Italy, \$/tonne	23 Dec 2021	540 - 545	0.00%	Nov 2021	568.75 - 583.75
MB-IRO-0023	Direct reduced iron domestic, exw India, rupees/tonne	24 Dec 2021	31700 - 31900	2.91%	Nov 2021	32100 - 32300
MB-IRO-0078	Pig iron basic grade, Brazil, fob New Orleans, \$/tonne	27 Dec 2021	580 - 610	0.00%	Nov 2021	573 - 603
MB-IRO-0079	Pig iron basic grade, Ukraine/Russia, fob New Orleans, \$/tonne	27 Dec 2021	580 - 610	0.00%	Nov 2021	574 - 604
MB-IRO-0178	Pig iron, import, cfr China, \$/tonne	23 Dec 2021	520 - 530	1.45%	Nov 2021	527.5 - 540

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	24 Dec 2021	903.33	-0.18%	Nov 2021	998.21
MB-STE-0046	Steel hot-rolled coil import, cfr main port Northern Europe, €/tonne	22 Dec 2021	800 - 830	0.00%	Nov 2021	875 - 905
MB-STE-0047	Steel hot-rolled coil import, cfr main port Southern Europe, €/tonne	22 Dec 2021	780 - 800	-0.63%	Nov 2021	862.5 - 890
MB-STE-0532	Steel hot-rolled coil domestic, exw Central Europe, €/tonne	22 Dec 2021	800 - 820	0.00%	Nov 2021	900 - 922.5
MB-STE-0892	Steel hot-rolled coil index domestic, exw Italy, €/tonne	24 Dec 2021	817.5	0.00%	Nov 2021	894.07
MB-STE-0893	Steel hot-rolled coil domestic, exw Spain, €/tonne	22 Dec 2021	890 - 920	0.00%	Nov 2021	1010 - 1045
MB-STE-0107	Steel hot-rolled coil export, fob main port Turkey, \$/tonne	24 Dec 2021	830 - 840	-0.60%	Nov 2021	896 - 923
MB-STE-0105	Steel hot-rolled coil import, cfr main port Turkey, \$/tonne	24 Dec 2021	790 - 810	-0.31%	Nov 2021	849 - 882
MB-STE-0108	Steel hot-rolled coil domestic, exw Turkey, \$/tonne	24 Dec 2021	820 - 830	0.61%	Nov 2021	891 - 914
MB-STE-0014	Steel hot-rolled coil export, fob Black Sea, CIS, \$/tonne	20 Dec 2021	770 - 800	-0.95%	Nov 2021	829 - 852
MB-STE-0065	Steel hot-rolled sheet domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	20 Dec 2021	74000 - 76000	0.00%	Nov 2021	75200 - 77600
MB-STE-0468	Steel hot-rolled coil index, fob mill US, \$/short ton	27 Dec 2021	1574.8	2.42%	Nov 2021	
MB-STE-0184	Steel hot-rolled coil index, fob mill US, \$/cwt	27 Dec 2021	78.74	2.42%	Nov 2021	91.62
MB-STE-0180	Steel hot-rolled coil, import, ddp Houston, \$/short ton	22 Dec 2021	1220 - 1300	-5.97%	Nov 2021	1400 - 1475
MB-STE-0007	Steel hot-rolled coil domestic monthly, exw Brazil, reais/tonne	10 Dec 2021	5950 - 6040	-0.79%	Nov 2021	5950 - 6135
MB-STE-0133	Steel hot-rolled coil (dry) export, fob main port Latin America, \$/tonne	24 Dec 2021	750 - 800	0.00%	Nov 2021	845 - 880
MB-STE-0102	Steel hot-rolled coil import, cfr main ports South America, \$/tonne	24 Dec 2021	850 - 900	0.00%	Nov 2021	917.5 - 958.75
MB-STE-0444	Steel hot-rolled coil import, cfr main port India, \$/tonne	24 Dec 2021	760 - 765	-6.15%	Nov 2021	835 - 871.25
MB-STE-0445	Steel hot-rolled coil (CR grade) import, cfr main port India, \$/tonne	24 Dec 2021	765 - 775	-6.10%	Nov 2021	842.5 - 850
MB-STE-0442	Steel hot-rolled coil (commodity) export, fob main port India, \$/tonne	24 Dec 2021	740 - 750	-1.32%	Nov 2021	812.5 - 840
MB-STE-0436	Steel hot-rolled coil domestic, ex-whse India, rupees/tonne	24 Dec 2021	64000 - 65000	-4.09%	Nov 2021	70000 - 71000
MB-STE-0158	Steel hot-rolled coil domestic, exw Northern China, yuan/tonne	24 Dec 2021	4750 - 4780	-0.42%	Nov 2021	4812.5 - 4857.5
MB-STE-0144	Steel hot-rolled coil index export, fob main port China, \$/tonne	27 Dec 2021	760.79	-0.87%	Nov 2021	791.51
MB-STE-0154	Steel hot-rolled coil domestic, ex-whs Eastern China, yuan/tonne	27 Dec 2021	4850 - 4880	-1.32%	Nov 2021	4803.18 - 4847.73
MB-STE-0139	Steel hot-rolled coil import, cfr Vietnam, \$/tonne	24 Dec 2021	760 - 765	-3.17%	Nov 2021	830 - 842.5
MB-STE-0888	Steel hot-rolled coil (Japan, Korea, Taiwan-origin), import, cfr Vietnam, \$/tonne	24 Dec 2021	810	-1.22%	Nov 2021	877.5 - 882.5
MB-STE-0125	Steel hot-rolled coil import, cfr Jebel Ali, UAE, \$/tonne	21 Dec 2021	780 - 820	-3.32%	Nov 2021	876 - 934
MB-STE-0113	Steel hot-rolled coil import, cfr Saudi Arabia, \$/tonne	21 Dec 2021	810 - 830	-5.20%	Nov 2021	906 - 944

Cold-rolled steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0005	Steel cold-rolled coil domestic monthly, exw Brazil, reais/tonne	10 Dec 2021	6500 - 6680	-3.23%	Nov 2021	6730 - 6890
MB-STE-0012	Steel cold-rolled coil export, fob Black Sea, CIS, \$/tonne	20 Dec 2021	905 - 935	0.00%	Nov 2021	943 - 959



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0026	Steel cold-rolled coil domestic, exw Northern Europe, €/tonne	22 Dec 2021	980 - 1030	-4.29%	Nov 2021	1115 - 1142.5
MB-STE-0027	Steel cold-rolled coil domestic, exw Southern Europe, €/tonne	22 Dec 2021	960 - 1000	-7.55%	Nov 2021	1067.5 - 1110
MB-STE-0044	Steel cold-rolled coil import, cfr main port Northern Europe, €/tonne	22 Dec 2021	900 - 920	-3.19%	Nov 2021	980 - 1010
MB-STE-0045	Steel cold-rolled coil import, cfr main port Southern Europe, €/tonne	22 Dec 2021	880 - 920	-2.17%	Nov 2021	975 - 1010
MB-STE-0064	Steel cold-rolled sheet domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	20 Dec 2021	82000 - 83000	0.00%	Nov 2021	82800 - 85600
MB-STE-0103	Steel cold-rolled coil import, cfr main ports South America, \$/tonne	24 Dec 2021	940 - 990	0.00%	Nov 2021	1000 - 1052.5
MB-STE-0106	Steel cold-rolled coil import, cfr main port Turkey, \$/tonne	24 Dec 2021	935 - 945	-0.53%	Nov 2021	984 - 997
MB-STE-0109	Steel cold-rolled coil domestic, exw Turkey, \$/tonne	24 Dec 2021	960 - 990	-2.50%	Nov 2021	1080 - 1102
MB-STE-0124	Steel cold-rolled coil import, cfr Jebel Ali, UAE, \$/tonne	21 Dec 2021	870 - 915	-1.92%	Nov 2021	930 - 998
MB-STE-0132	Steel cold-rolled coil export, fob main port Latin America, \$/tonne	24 Dec 2021	990 - 1000	0.00%	Nov 2021	995 - 1010
MB-STE-0145	Steel cold-rolled coil export, fob China main port, \$/tonne	21 Dec 2021	850 - 870	1.18%	Nov 2021	864 - 887
MB-STE-0153	Steel cold-rolled coil domestic, delivered Eastern China domestic, yuan/tonne	24 Dec 2021	5450 - 5500	-0.91%	Nov 2021	5592.5 - 5655
MB-STE-0181	Steel cold-rolled coil, import, ddp Houston, \$/short ton	22 Dec 2021	1420 - 1490	-5.83%	Nov 2021	1560 - 1640
MB-STE-0185	Steel cold-rolled coil, fob mill US, \$/cwt	23 Dec 2021	100	-1.96%	Nov 2021	106
MB-STE-0435	Steel cold-rolled coil domestic, ex-whse India, rupees/tonne	24 Dec 2021	68500 - 69500	-7.38%	Nov 2021	78875 - 80375
MB-STE-0443	Steel cold-rolled coil import, cfr main port India, \$/tonne	24 Dec 2021	810 - 820	-4.68%	Nov 2021	950 - 961.25
MB-STE-0469	Steel cold-rolled coil, fob mill US, \$/short ton	23 Dec 2021	2000	-1.96%	Nov 2021	

Galvanized steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0883	Steel hot-dipped galvanized coil (hot-rolled base), fob mill US, \$/cwt	23 Dec 2021	96	-4.00%	Nov 2021	106.5
MB-STE-0780	Steel hot-dipped galvanized export, fob Turkey, \$/tonne	24 Dec 2021	1100 - 1110	-0.90%	Nov 2021	1252 - 1274
MB-STE-0434	Steel hot-dipped galvanized coil domestic, ex-whse India, rupees/tonne	24 Dec 2021	74000 - 76000	-7.12%	Nov 2021	84125 - 85750
MB-STE-0470	Steel hot-dipped galvanized (base) steel coil, fob mill US, \$/short ton	23 Dec 2021	1960	-3.92%	Nov 2021	
MB-STE-0031	Steel hot-dipped galvanized coil domestic, exw Southern Europe, €/tonne	22 Dec 2021	980 - 1020	-6.10%	Nov 2021	1082.5 - 1122.5
MB-STE-0104	Steel hot-dipped galvanized coil import, cfr main ports South America, \$/tonne	24 Dec 2021	1000 - 1050	0.00%	Nov 2021	1040 - 1107.5
MB-STE-0091	Steel hot-dipped galvanized coil import, cfr main port Northern Europe, €/tonne	22 Dec 2021	970 - 980	-6.25%	Nov 2021	1070 - 1100
MB-STE-0021	Steel hot-dipped galvanized coil domestic, ex-whs Eastern China, yuan/tonne	24 Dec 2021	5650 - 5700	-0.87%	Nov 2021	5787.5 - 5870
MB-STE-0110	Steel hot-dipped galvanized coil domestic, exw Turkey, \$/tonne	24 Dec 2021	1080 - 1100	-1.36%	Nov 2021	1240 - 1266
MB-STE-0048	Steel hot-dipped galvanized coil import, cfr main port Southern Europe, €/tonne	22 Dec 2021	920 - 950	-6.97%	Nov 2021	1060 - 1090
MB-STE-0030	Steel hot-dipped galvanized coil domestic, exw Northern Europe, €/tonne	22 Dec 2021	1000 - 1050	-4.65%	Nov 2021	1130 - 1152.5
MB-STE-0123	Steel hot-dipped-galvanized coil import, cfr Jebel Ali, UAE, \$/tonne	21 Dec 2021	1075 - 1140	0.68%	Nov 2021	1089 - 1157
MB-STE-0186	Steel hot-dipped galvanized coil (cold-rolled base), fob mill US, \$/cwt	23 Dec 2021	98	-3.92%	Nov 2021	106.5
MB-STE-0006	Steel hot-dipped galvanized coil domestic monthly, exw Brazil, reais/tonne	10 Dec 2021	8055 - 8420	-9.18%	Nov 2021	9060 - 9080



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0441	Steel hot-dipped galvanized coil export, fob main port India, \$/tonne	24 Dec 2021	930 - 960	-8.25%	Nov 2021	1146.25 - 1165
MB-STE-0182	Steel hot-dipped galvanized 0.012 inch G30, ddp Houston, \$/short ton	22 Dec 2021	1640 - 1700	0.00%	Nov 2021	1640 - 1730
MB-STE-0212	Steel hot-dipped galvanized coil 0.03-0.13 inch G90 (cold-rolled base), fob mill US, \$/cwt	23 Dec 2021	102.5	-3.76%	Nov 2021	111
MB-STE-0009	Steel galvanized coil 1mm export, fob main port China, \$/tonne	21 Dec 2021	905 - 920	0.55%	Nov 2021	907 - 934
MB-STE-0111	Steel prepainted galvanized domestic, exw Turkey, \$/tonne	24 Dec 2021	1180 - 1200	-1.24%	Nov 2021	1343 - 1374
MB-STE-0187	Steel coil Galvalume, fob mill US, \$/cwt	21 Dec 2021	92.5	-8.42%	Nov 2021	101
MB-STE-0850	Steel coil Galvalume import, cfr main ports South America, \$/tonne	24 Dec 2021	1150 - 1200	0.00%	Nov 2021	1186.25 - 1236.25

Steel plate prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0013	Steel heavy plate 8-50mm export, fob Black Sea, CIS, \$/tonne	20 Dec 2021	910 - 975	0.00%	Nov 2021	910 - 975
MB-STE-0034	Steel domestic plate 8-40mm, exw Northern Europe, €/tonne	22 Dec 2021	960 - 990	-1.02%	Nov 2021	977.5 - 1015
MB-STE-0035	Steel domestic plate 8-40mm, exw Southern Europe, €/tonne	22 Dec 2021	840 - 860	-0.58%	Nov 2021	887.5 - 910
MB-STE-0049	Steel plate (8-40mm) import, cfr main port Northern Europe, €/tonne	22 Dec 2021	820 - 830	-4.62%	Nov 2021	857.5 - 870
MB-STE-0050	Steel plate (8-40mm) import, cfr main port Southern Europe, €/tonne	22 Dec 2021	820 - 830	-4.62%	Nov 2021	857.5 - 870
MB-STE-0101	Steel plate import, cfr main ports South America, \$/tonne	24 Dec 2021	915 - 935	0.00%	Nov 2021	978.75 - 1011.25
MB-STE-0134	Steel heavy plate (thicker than 10mm) export, fob main port Latin America, \$/tonne	24 Dec 2021	850 - 865	0.00%	Nov 2021	927.5 - 937.5
MB-STE-0146	Steel heavy plate export, fob China main port, \$/tonne	21 Dec 2021	790 - 800	-1.85%	Nov 2021	834 - 853
MB-STE-0155	Steel plate domestic, delivered whs Eastern China, yuan/tonne	24 Dec 2021	5080 - 5100	-0.20%	Nov 2021	5162.5 - 5207.5
MB-STE-0172	Steel cut-to-length plate carbon grade, fob mill US, \$/cwt	27 Dec 2021	90.75	0.00%	Nov 2021	90.19
MB-STE-0179	Steel medium plate, import, ddp Houston, \$/short ton	22 Dec 2021	1450 - 1500	-3.59%	Nov 2021	1560 - 1620
MB-STE-0437	Steel heavy plate domestic, ex-whse India, rupees/tonne	24 Dec 2021	62500 - 64500	-3.79%	Nov 2021	70500 - 72000
MB-STE-0439	Steel heavy plate 12-40mm export, fob main port India, \$/tonne	24 Dec 2021	770 - 785	-0.64%	Nov 2021	857.5 - 862.5
MB-STE-0446	Steel heavy plate 10-40mm import, cfr main port India, \$/tonne	24 Dec 2021	760 - 770	-2.24%	Nov 2021	876.25 - 885
MB-STE-0467	Steel cut-to-length plate carbon grade, fob mill US, \$/short ton	17 Dec 2021	1815	0.00%	Nov 2021	
MB-STE-0514	Steel plate domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	20 Dec 2021	82000 - 83000	2.48%	Nov 2021	75200 - 77000

Reinforcing bar (rebar) prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0008	Steel reinforcing bar (rebar) domestic monthly, delivered Brazil, reais/tonne	10 Dec 2021	4280 - 4600	-7.50%	Nov 2021	4700 - 4900
MB-STE-0015	Steel reinforcing bar (rebar) export, fob Black Sea, CIS, \$/tonne	20 Dec 2021	725 - 730	-0.34%	Nov 2021	749 - 771
MB-STE-0036	Steel reinforcing bar (rebar) domestic, delivered Northern Europe, €/tonne	22 Dec 2021	810 - 850	0.61%	Nov 2021	815 - 842.5
MB-STE-0037	Steel reinforcing bar (rebar) domestic, delivered Southern Europe, €/tonne	22 Dec 2021	780 - 800	0.64%	Nov 2021	765 - 790
MB-STE-0051	Steel reinforcing bar (rebar) import, cfr main EU port Northern Europe, €/tonne	22 Dec 2021	710 - 760	0.00%	Nov 2021	755 - 772.5
MB-STE-0052	Steel reinforcing bar (rebar) import, cfr main EU port Southern Europe, €/tonne	22 Dec 2021	670 - 700	0.00%	Nov 2021	702.5 - 725



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0066	Steel reinforcing bar (rebar) domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	20 Dec 2021	61500 - 63000	0.00%	Nov 2021	71700 - 74700
MB-STE-0073	Steel reinforcing bar (rebar) export, fob main port Southern Europe, €/tonne	22 Dec 2021	740 - 760	1.35%	Nov 2021	690 - 730
MB-STE-0092	Steel reinforcing bar (rebar) domestic, exw Poland, zloty/tonne	24 Dec 2021	3600 - 3800	2.07%	Nov 2021	3695 - 3742.5
MB-STE-0112	Steel reinforcing bar (rebar) domestic, exw Egypt, E£/tonne	23 Dec 2021	14900 - 15350	0.00%	Nov 2021	14900 - 15350
MB-STE-0119	Steel reinforcing bar (rebar) export, fob main port Turkey, \$/tonne	23 Dec 2021	680 - 690	-0.72%	Nov 2021	725 - 735
MB-STE-0126	Steel reinforcing bar (rebar) domestic, exw UAE, dirhams/tonne	21 Dec 2021	2443 - 2470	0.00%	Nov 2021	2421 - 2490
MB-STE-0127	Steel reinforcing bar (rebar) import, cfr Jebel Ali, UAE, \$/tonne	21 Dec 2021	649 - 667	0.00%	Nov 2021	655 - 665.8
MB-STE-0142	Steel reinforcing bar (rebar) import, cfr Singapore, \$/tonne	27 Dec 2021	710	-0.35%	Nov 2021	740 - 743
MB-STE-0147	Steel reinforcing bar (rebar) index export, fob China main port, \$/tonne	21 Dec 2021	791.25	1.09%	Nov 2021	806.13
MB-STE-0152	Steel reinforcing bar (rebar) domestic, ex-whs Eastern China, yuan/tonne	27 Dec 2021	4750 - 4780	-1.24%	Nov 2021	4792.73 - 4828.64
MB-STE-0162	Steel reinforcing bar (rebar) domestic, ex-whs Northern China, yuan/tonne	24 Dec 2021	4640 - 4700	-0.85%	Nov 2021	4597.5 - 4650
MB-STE-0170	Steel reinforcing bar (rebar), fob mill US, \$/cwt	22 Dec 2021	51.5	0.00%	Nov 2021	50.38
MB-STE-0171	Steel reinforcing bar (rebar), import, loaded truck Port of Houston for immediate delivery, \$/short ton	22 Dec 2021	950 - 980	-1.03%	Nov 2021	980 - 1000
MB-STE-0438	Steel rebar domestic, exw India, rupees/tonne	24 Dec 2021	45400 - 45600	-0.22%	Nov 2021	46900 - 47100
MB-STE-0465	Steel reinforcing bar (rebar), fob mill US, \$/short ton	22 Dec 2021	1030	0.00%	Nov 2021	
MB-STE-0784	Steel reinforcing bar (rebar) domestic, exw Turkey, lira/tonne	23 Dec 2021	10200 - 10500	-13.17%	Nov 2021	9225 - 9412.5

Wire rod prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0017	Steel wire rod (mesh quality) export, fob Black Sea, CIS, \$/tonne	20 Dec 2021	725 - 800	-0.33%	Nov 2021	786 - 851
MB-STE-0042	Steel wire rod (mesh quality) domestic, delivered Northern Europe, €/tonne	22 Dec 2021	820 - 850	0.60%	Nov 2021	807.5 - 847.5
MB-STE-0043	Steel wire rod (mesh quality) domestic, delivered Southern Europe, €/tonne	22 Dec 2021	780 - 820	1.27%	Nov 2021	770 - 810
MB-STE-0053	Steel wire rod (mesh quality) import, main port Northern Europe, €/tonne	22 Dec 2021	760 - 780	0.00%	Nov 2021	780 - 807.5
MB-STE-0054	Steel wire rod (mesh quality) import, main port Southern Europe, €/tonne	22 Dec 2021	750 - 770	0.00%	Nov 2021	757.5 - 785
MB-STE-0074	Steel wire rod export, fob main port Southern Europe, €/tonne	22 Dec 2021	780 - 790	0.64%	Nov 2021	760 - 787.5
MB-STE-0120	Steel wire rod (mesh quality) export, fob main port Turkey, \$/tonne	23 Dec 2021	790 - 800	0.00%	Nov 2021	815 - 825
MB-STE-0130	Steel wire rod (mesh quality) export, fob main port Latin America, \$/tonne	24 Dec 2021	750 - 800	0.00%	Nov 2021	800 - 820
MB-STE-0143	Steel wire rod (low carbon) import, cfr Southeast Asia, \$/tonne	27 Dec 2021	710	0.00%	Nov 2021	728 - 729
MB-STE-0148	Steel wire rod (mesh quality) export, fob China main port, \$/tonne	21 Dec 2021	750 - 760	0.67%	Nov 2021	776 - 788
MB-STE-0164	Steel wire rod (mesh quality) domestic, ex-whs Eastern China, yuan/tonne	24 Dec 2021	4800 - 4850	0.00%	Nov 2021	4920 - 4957.5
MB-STE-0192	Steel wire rod (low carbon) industrial quality, fob mill US, \$/cwt	21 Dec 2021	64 - 69	2.31%	Nov 2021	63 - 67
MB-STE-0193	Steel wire rod (high carbon), fob mill US, \$/cwt	21 Dec 2021	73	4.29%	Nov 2021	70

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0194	Steel wire rod cold-heading quality, ddp, \$/cwt	21 Dec 2021	75	6.38%	Nov 2021	70.5
MB-STE-0195	Steel wire rod (low carbon) import, loaded truck Port of Houston for immediate delivery, \$/short ton	21 Dec 2021	1180 - 1280	-0.81%	Nov 2021	1200 - 1280
MB-STE-0785	Steel wire rod (mesh quality) domestic, exw Turkey, lira/tonne	23 Dec 2021	12000 - 12500	-10.91%	Nov 2021	10275 - 10450
MB-STE-0891	Steel wire rod (drawing quality), domestic, delivered Poland, zloty/tonne	24 Dec 2021	3900 - 4000	1.28%	Nov 2021	3862.5 - 3962.5

Steel beams, sections & bar prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FE-0001	Steel merchant bar export, fob main port Turkey, \$/tonne	23 Dec 2021	760 - 765	-0.65%	Nov 2021	795
MB-STE-0020	Steel hollow sections ASTM A500 Grade B domestic, fob mill US, \$/short ton	23 Dec 2021	2250 - 2300	0.00%	Nov 2021	2393.75 - 2431.25
MB-STE-0024	Steel beams domestic, delivered Northern Europe, €/tonne	22 Dec 2021	1020 - 1040	0.00%	Nov 2021	1017.5 - 1037.5
MB-STE-0025	Steel beams domestic, delivered Southern Europe, €/tonne	22 Dec 2021	1020 - 1030	0.00%	Nov 2021	1017.5 - 1030
MB-STE-0038	Steel sections (medium) domestic, delivered Northern Europe, €/tonne	22 Dec 2021	1080 - 1150	0.00%	Nov 2021	1140 - 1210
MB-STE-0039	Steel sections (medium) domestic, delivered Southern Europe, €/tonne	22 Dec 2021	1080 - 1150	0.00%	Nov 2021	1140 - 1210
MB-STE-0161	Steel sections domestic, ex-whs Eastern China, yuan/tonne	24 Dec 2021	4730 - 4770	0.64%	Nov 2021	4982.5 - 5020
MB-STE-0199	Steel bar 2 x 2 x 1/4-inch angle merchant products, fob mill US, \$/cwt	29 Nov 2021	60.8	4.29%	Nov 2021	60.8
MB-STE-0200	Steel bar 3 x 3 x 1/4-inch angle merchant products, fob mill US, \$/cwt	29 Nov 2021	61.25	4.26%	Nov 2021	61.25
MB-STE-0201	Steel bar 8 x 11.5-inch channels merchant products, fob mill US, \$/cwt	29 Nov 2021	60.5	4.31%	Nov 2021	60.5
MB-STE-0202	Steel bar 1/2 x 4-inch flat merchant products, fob mill US, \$/cwt	29 Nov 2021	61	4.27%	Nov 2021	61
MB-STE-0203	Steel merchant bar, loaded truck Port of Houston for immediate delivery, \$/short ton	29 Nov 2021	1180 - 1220	6.67%	Nov 2021	1180 - 1220
MB-STE-0204	Steel bar cold-finished 1-inch round 4140 (alloy), fob mill US, \$/cwt	17 Dec 2021	112	0.45%	Nov 2021	111.5
MB-STE-0205	Steel bar cold-finished 1-inch round 1018 (carbon), fob mill US, \$/cwt	17 Dec 2021	91	0.55%	Nov 2021	90.5
MB-STE-0206	Steel bar cold-finished 1-inch round 12L14 (carbon), fob mill US, \$/cwt	17 Dec 2021	106	-0.47%	Nov 2021	106.5
MB-STE-0207	Steel bar hot-rolled special bar quality (SBQ) 1-inch round 4100 series (alloy), fob mill US, \$/cwt	17 Dec 2021	81.5	-0.61%	Nov 2021	82
MB-STE-0208	Steel bar hot-rolled special bar quality (SBQ) 1-inch round 1000 series (carbon), fob mill US, \$/cwt	17 Dec 2021	70	-0.71%	Nov 2021	70.5
MB-STE-0209	Steel beams 8 x 8-inch, fob mill US, \$/cwt	29 Nov 2021	70.5	3.68%	Nov 2021	70.5
MB-STE-0210	Steel beams medium sections, loaded truck Port of Houston for immediate delivery, \$/short ton	29 Nov 2021	1390 - 1430	5.62%	Nov 2021	1390 - 1430
MB-STE-0851	Steel hollow sections ASTM 500 Grade B import, ddp US port of entry, \$/short ton	30 Nov 2021	1850 - 1900	0.00%	Nov 2021	1850 - 1900

Steel billet prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0782	Steel billet export, fob ports Iran, \$/tonne	22 Dec 2021	535 - 547	-0.73%	Nov 2021	591.25 - 608.75
MB-STE-0558	Steel billet index export, fob Black Sea, CIS, \$/tonne	24 Dec 2021	593	-0.50%	Nov 2021	627.77
MB-STE-0516	Steel billet import, cfr main port Egypt, \$/tonne	23 Dec 2021	640 - 650	0.00%	Nov 2021	658.75 - 682.5
MB-STE-0433	Steel billet domestic, exw India, rupees/tonne	24 Dec 2021	42600 - 42800	0.71%	Nov 2021	42850 - 43050
MB-STE-0440	Steel billet export, fob main port India, \$/tonne	24 Dec 2021	595 - 600	0.00%	Nov 2021	608.75 - 613.75

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0141	Steel billet import, cfr Manila, \$/tonne	27 Dec 2021	635	0.00%	Nov 2021	646.9 - 657.86
MB-STE-0157	Steel billet domestic, exw Tangshan, Northern China, yuan/tonne	27 Dec 2021	4340	-1.14%	Nov 2021	4465
MB-STE-0890	Steel billet, import, cfr China, \$/tonne	24 Dec 2021	610 - 620	-1.44%	Nov 2021	603.89 - 620.56
MB-STE-0116	Steel billet import, cfr main port Turkey, \$/tonne	23 Dec 2021	625 - 635	0.00%	Nov 2021	647.5 - 667.5
MB-STE-0117	Steel billet export, fob main port Turkey, \$/tonne	23 Dec 2021	640 - 650	0.00%	Nov 2021	687.5 - 700
MB-STE-0115	Steel billet domestic, exw Turkey, \$/tonne	23 Dec 2021	640 - 650	0.00%	Nov 2021	692 - 697
MB-STE-0128	Steel billet export, fob main port Latin America, \$/tonne	24 Dec 2021	600 - 610	0.00%	Nov 2021	650 - 655
MB-STE-0122	Steel billet import, cfr Jebel Ali, UAE, \$/tonne	21 Dec 2021	580 - 620	0.00%	Nov 2021	640 - 668

Steel slab prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0781	Steel slab export, fob ports Iran, \$/tonne	22 Dec 2021	568	-0.35%	Nov 2021	620 - 631.25
MB-STE-0566	Steel slab export, fob main port Brazil, \$/tonne	24 Dec 2021	580 - 610	0.00%	Nov 2021	722.5 - 747.5
MB-STE-0140	Steel slab import, cfr Southeast Asia/East Asia, \$/tonne	27 Dec 2021	635 - 650	0.00%	Nov 2021	700 - 714
MB-STE-0016	Steel slab export, fob Black Sea, CIS, \$/tonne	20 Dec 2021	595 - 610	-1.23%	Nov 2021	693 - 721

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	30 Nov 2021	2200 - 2250	-4.30%	Nov 2021	2200 - 2250
MB-STE-0023	Steel ERW standard pipe A53 Grade B, fob mill US, \$/short ton	30 Nov 2021	2300 - 2350	-4.12%	Nov 2021	2300 - 2350
MB-STE-0056	Steel ERW standard pipe A53 Grade A import, cif Houston, \$/short ton	30 Nov 2021	1900 - 1950	-2.53%	Nov 2021	1900 - 1950
MB-STE-0057	Steel ERW standard pipe A53 Grade B import, cif Houston, \$/short ton	30 Nov 2021	1950 - 2000	-2.47%	Nov 2021	1950 - 2000
MB-STE-0059	Steel seamless line pipe - API 5LB import, cif Houston, \$/short ton	14 Dec 2021	2525 - 2705	0.00%	Nov 2021	2525 - 2705
MB-STE-0062	Steel seamless OCTG API 5CT - Casing P110, import, cif Houston, \$/short ton	14 Dec 2021	1825 - 1925	0.00%	Nov 2021	1825 - 1925
MB-STE-0063	Steel OCTG API 5CT - Casing J55, fob mill US, \$/short ton	14 Dec 2021	2250 - 2350	0.00%	Nov 2021	2250 - 2350
MB-STE-0071	Steel seamless OCTG API 5CT - Casing P110, fob mill US, \$/short ton	14 Dec 2021	2250 - 2350	0.00%	Nov 2021	2250 - 2350
MB-STE-0090	Steel welded mechanical tubing ASTM A513, fob mill US, \$/short ton	30 Nov 2021	2375 - 2425	-4.00%	Nov 2021	2375 - 2425
MB-STE-0166	Steel structural pipe export S235JR grade EN10219 2mm wall thickness, fob main port Turkey, \$/tonne	08 Dec 2021	940 - 945	-4.31%	Nov 2021	980 - 990
MB-STE-0545	Steel ERW line pipe (X52), fob mill US, \$/short ton	14 Dec 2021	2425 - 2475	-2.00%	Nov 2021	2475 - 2525
MB-STE-0561	Steel ERW line pipe (X65), fob mill US, \$/short ton	14 Dec 2021	2550 - 2600	-1.90%	Nov 2021	2600 - 2650
MB-STE-0564	Steel welded OCTG API 5CT - Casing P110, fob mill US, \$/short ton	14 Dec 2021	2200 - 2300	4.65%	Nov 2021	2125 - 2175
MB-STE-0565	Steel welded OCTG API 5CT - Casing P110, import, cif Houston, \$/short ton	14 Dec 2021	1900 - 1950	2.67%	Nov 2021	1850 - 1900
MB-STE-0869	Steel OCTG API 5CT - Casing J55 import South Korean-made, cif Houston, \$/short ton	14 Dec 2021	1750 - 1800	2.16%	Nov 2021	1725 - 1750
MB-STE-0870	Steel OCTG API 5CT - Casing J55 import non-South Korean-made, cif Houston, \$/short ton	14 Dec 2021	1800 - 1850	2.82%	Nov 2021	1750 - 1800
MB-STE-0871	Steel ERW line pipe (X52) import South Korean-made, cif Houston, \$/short ton	14 Dec 2021	1700 - 1800	0.00%	Nov 2021	1700 - 1800



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0872	Steel ERW line pipe (X52) import non-South Korean-made, cif Houston, \$/short ton	14 Dec 2021	2135 - 2235	0.00%	Nov 2021	2135 - 2235
MB-STE-0873	Steel ERW line pipe (X70), fob mill US, \$/short ton	14 Dec 2021	2600 - 2650	-1.87%	Nov 2021	2650 - 2700

Stainless & special steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0281	Stainless steel cold-rolled sheet 2mm grade 304 transaction domestic, delivered North Europe, €/tonne	24 Dec 2021	4350 - 4500	0.00%	Nov 2021	4200 - 4300
MB-ST5-0035	Stainless steel 304 cold-rolled sheet, fob mill US, \$/cwt	10 Dec 2021	200	4.17%	Nov 2021	192
MB-ST5-0034	Stainless steel 304L cold-rolled sheet, fob mill US, \$/cwt	10 Dec 2021	204	4.08%	Nov 2021	196
MB-ST5-0037	Stainless steel 316L cold-rolled sheet, fob mill US, \$/cwt	10 Dec 2021	278	3.73%	Nov 2021	268
MB-ST5-0005	Stainless steel bright bar grade 304 base price domestic, delivered Europe, €/tonne	24 Dec 2021	1050 - 1100	0.00%	Nov 2021	1050 - 1100
MB-ST5-0004	Stainless steel bright bar grade 304 alloy surcharge domestic, Europe, €/tonne	24 Dec 2021	2993 - 3330	0.00%	Nov 2021	2778 - 3100
MB-ST5-0282	Stainless steel cold-rolled coil 2mm grade 304 export, fob China, \$/tonne	22 Dec 2021	2640 - 2790	0.18%	Nov 2021	3177.5 - 3337.5
MB-ST5-0018	Stainless steel cold-rolled coil, Asia grade 304 (2mm 2B), cif East Asian port, \$/tonne	22 Dec 2021	2700 - 2830	0.55%	Nov 2021	3195 - 3265
MB-ST5-0015	Stainless steel cold-rolled coil 2mm grade 304 domestic, ex-whs China, yuan/tonne	22 Dec 2021	16600 - 16800	2.45%	Nov 2021	19050 - 19300
MB-ST5-0016	Stainless steel cold-rolled coil 2mm grade 430 domestic, ex-whs China, yuan/tonne	22 Dec 2021	9300 - 9350	0.00%	Nov 2021	10550 - 10600
MB-ST5-0283	Stainless steel hot-rolled coil grade 304 export, fob China, \$/tonne	22 Dec 2021	2690 - 2810	0.92%	Nov 2021	3165 - 3195
MB-ST5-0280	Stainless steel hot-rolled coil Asia grade 304, cif port East Asia, \$/tonne	22 Dec 2021	2580 - 2630	-5.44%	Nov 2021	2997.5 - 3015
MB-ST5-0001	Stainless steel cold-rolled sheet 316 2mm alloy surcharge domestic, Europe, €/tonne	24 Dec 2021	3546 - 3589	0.00%	Nov 2021	3382 - 3409
MB-ST5-0002	Stainless steel cold-rolled sheet base price 316 2mm domestic, delivered Europe, €/tonne	24 Dec 2021	2180 - 2280	0.00%	Nov 2021	2150 - 2200
MB-ST5-0006	Stainless steel cold-rolled sheet 2mm grade 304 alloy surcharge domestic, Europe, €/tonne	24 Dec 2021	2308 - 2363	0.00%	Nov 2021	2187 - 2239
MB-ST5-0007	Stainless steel cold-rolled sheet 2mm grade 304 base price domestic, delivered Northern Europe, €/tonne	24 Dec 2021	1900 - 2000	0.00%	Nov 2021	1850 - 1900

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	21 Dec 2021	300 - 310	3.39%	Nov 2021	280 - 300
MB-CHO-0003	Chrome ore South Africa UG2/MG concentrates index, cif China, \$/tonne	21 Dec 2021	171	0.00%	Nov 2021	157.6
MB-FEC-0001	Ferro-chrome low phosphorous, min 65% Cr, max 0.015% P, delivered Europe, \$/lb	21 Dec 2021	1.77 - 1.99	0.00%	Nov 2021	1.79 - 1.97
MB-FEC-0002	Ferro-chrome low carbon, 65% Cr, max 0.06% C, delivered Europe, \$/lb Cr	21 Dec 2021	3.69 - 4.32	1.01%	Nov 2021	3.94 - 4.23
MB-FEC-0003	Ferro-chrome 0.10% C, average 65-70% Cr, delivered Europe, \$/lb Cr	21 Dec 2021	3.65 - 4.28	1.02%	Nov 2021	3.9 - 4.17
MB-FEC-0004	Ferro-chrome high carbon 6-8.5% C, basis 60-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	21 Dec 2021	1.72 - 1.92	0.00%	Nov 2021	1.73 - 1.87
MB-FEC-0005	Ferro-chrome contract 6-8% C, basis 50% Cr, ddp China, yuan/tonne	21 Dec 2021	9400 - 9600	0.00%	Nov 2021	10193 - 10495
MB-FEC-0006	Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	21 Dec 2021	8500 - 8800	-5.46%	Nov 2021	9860 - 10300
MB-FEC-0007	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, US cents/lb	23 Dec 2021	205 - 225	2.38%	Nov 2021	198.75 - 216.25
MB-FEC-0008	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, US cents/lb	23 Dec 2021	380 - 385	0.00%	Nov 2021	380 - 385
MB-FEC-0009	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, US cents/lb	23 Dec 2021	365 - 375	0.00%	Nov 2021	365 - 372.5
MB-FEC-0010	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, US cents/lb	23 Dec 2021	355 - 360	0.00%	Nov 2021	355 - 360
MB-FEC-0011	Ferro-chrome 50% Cr import, cif main Chinese ports, \$/lb contained Cr	21 Dec 2021	1.14	-2.56%	Nov 2021	1.29
MB-FEC-0012	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, \$/lb	23 Dec 2021	2.05 - 2.25	2.38%	Nov 2021	
MB-FEC-0013	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, \$/lb	23 Dec 2021	3.8 - 3.85	0.00%	Nov 2021	
MB-FEC-0014	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, \$/lb	23 Dec 2021	3.65 - 3.75	0.00%	Nov 2021	
MB-FEC-0015	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, \$/lb	23 Dec 2021	3.55 - 3.6	0.00%	Nov 2021	
MB-FEC-0016	Ferro-chrome lumpy Cr charge quarterly, basis 52% Cr (and high carbon), delivered Europe, \$/lb Cr (rounded to the closest 2 decimal places)	01 Oct 2021	1.8	15.38%	Nov 2021	1.8
MB-FEC-0017	Ferro-chrome high carbon 57-65% Cr, cif dup Japan, \$/lb	16 Dec 2021	1.19 - 1.21	-5.51%	Nov 2021	1.31 - 1.35
MB-FEC-0018	Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, \$/lb	16 Dec 2021	1.17 - 1.19	-4.84%	Nov 2021	1.29 - 1.33
MB-FEC-0019	Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, \$/lb	21 Dec 2021	1.77	-1.12%	Nov 2021	1.92
MB-FEC-0020	Ferro-chrome high carbon 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, \$/lb Cr	21 Dec 2021	1.41 - 1.5	0.00%	Nov 2021	1.48 - 1.54
MB-FEC-0021	Ferro-chrome high carbon 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	21 Dec 2021	1.72 - 1.92	0.00%	Nov 2021	1.73 - 1.87

Manganese ore and alloy prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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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	23 Dec 2021	2600 - 2650	0.00%	Nov 2021	2600 - 2650
MB-FEM-0002	Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	23 Dec 2021	315 - 320	0.00%	Nov 2021	315 - 320
MB-FEM-0003	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, US cents/lb	23 Dec 2021	255 - 260	0.00%	Nov 2021	225 - 230
MB-FEM-0004	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, \$/lb	23 Dec 2021	2.55 - 2.6	0.00%	Nov 2021	
MB-FEM-0006	Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	24 Dec 2021	1650 - 1750	0.00%	Nov 2021	1825 - 1975
MB-FEM-0007	Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	24 Dec 2021	6800 - 6900	0.00%	Nov 2021	8475 - 8675
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, \$/dmtu	24 Dec 2021	5.44	-0.37%	Nov 2021	5.66
MB-MNO-0002	Manganese ore 37% Mn, fob Port Elizabeth, \$/dmtu	24 Dec 2021	3.19	-0.31%	Nov 2021	3.47
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, \$/dmtu	24 Dec 2021	4.51	-0.44%	Nov 2021	4.79
MB-MNO-0004	Manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin China, yuan/dmtu	24 Dec 2021	34	-0.29%	Nov 2021	34.53
MB-MNO-0005	Manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin China, yuan/dmtu	24 Dec 2021	42	-0.24%	Nov 2021	43.65
MB-SIM-0001	Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	24 Dec 2021	7600 - 7900	0.65%	Nov 2021	8550 - 8950
MB-SIM-0002	Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	24 Dec 2021	1600 - 1700	0.00%	Nov 2021	1812.5 - 1975
MB-SIM-0003	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, US cents/lb	23 Dec 2021	120 - 125	0.00%	Nov 2021	120 - 125
MB-SIM-0005	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, \$/lb	23 Dec 2021	1.2 - 1.25	0.00%	Nov 2021	
MB-SIM-0004	Silico-manganese 65% Mn min, min 16% Si, fob India, \$/tonne	24 Dec 2021	1425 - 1475	0.00%	Nov 2021	1631.25 - 1725

Ferro-silicon prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FES-0001	Ferro-silicon 75% Si min, in-whs China, yuan/tonne	22 Dec 2021	9300 - 9500	0.00%	Nov 2021	11000 - 11875
MB-FES-0002	Ferro-silicon 75% Si, in-whs Pittsburgh, US cents/lb	23 Dec 2021	330 - 340	0.00%	Nov 2021	332.5 - 341.25
MB-FES-0003	Ferro-silicon 75% Si, in-whs Pittsburgh, \$/lb	23 Dec 2021	3.3 - 3.4	0.00%	Nov 2021	
MB-FES-0004	Ferro-silicon 75% Si min export, fob China, \$/tonne	22 Dec 2021	2050 - 2150	-2.33%	Nov 2021	2575 - 2775
MB-FES-0005	Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	24 Dec 2021	2800 - 3300	0.00%	Nov 2021	4000 - 4300
MB-FES-0006	Ferro-silicon 75% Si min, cif Japan, \$/tonne	22 Dec 2021	2100 - 2200	-1.38%	Nov 2021	2605 - 2805

Tungsten prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEU-0001	Ferro-tungsten basis 75% W, in-whs dup Rotterdam, \$/kg W	24 Dec 2021	36 - 38.5	-1.32%	Nov 2021	36.75 - 38.26
MB-FEU-0003	Ferro-tungsten export, min 75% fob China, \$/kg W	22 Dec 2021	38 - 40	0.00%	Nov 2021	38.13 - 40
MB-W-0001	Tungsten APT 88.5% WO3 min cif Rotterdam and Baltimore duty-free, \$/mtu WO3	24 Dec 2021	320 - 325	0.00%	Nov 2021	320 - 325
MB-W-0002	Tungsten concentrate 65% WO3, in-whs China, yuan/tonne	22 Dec 2021	110000 - 112000	1.37%	Nov 2021	109375 - 110750
MB-W-0003	Tungsten APT 88.5% WO3 min, fob main ports China, \$/mtu WO3	22 Dec 2021	315 - 320	0.47%	Nov 2021	313.5 - 319

**Vanadium & niobium prices**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEV-0003	Ferro-vanadium 78% V min, fob China, \$/kg V	23 Dec 2021	38.33 - 38.74	-1.83%	Nov 2021	33.98 - 35.05
MB-FEV-0001	Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, \$/kg V	24 Dec 2021	32.5 - 33	0.00%	Nov 2021	31.96 - 33.06
MB-FEV-0002	Ferro-vanadium 70-80% V, in-whs Pittsburgh, \$/lb	23 Dec 2021	14.9 - 15.25	0.00%	Nov 2021	14.78 - 15.13
MB-V-0001	Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5	24 Dec 2021	8.5 - 9	0.00%	Nov 2021	7.75 - 8.5
MB-V-0002	Vanadium pentoxide 98% V2O5 min, fob China, \$/lb V2O5	23 Dec 2021	8.83 - 8.97	-0.89%	Nov 2021	8 - 8.12
MB-V-0004	Vanadium pentoxide 98% V2O5 min, exw China, yuan/tonne	23 Dec 2021	124000 - 126000	-0.79%	Nov 2021	112750 - 114500
MB-V-0003	Vanadium nitrogen, basis 77%V, 16% N, exw China, yuan/tonne	23 Dec 2021	188000 - 190000	-1.82%	Nov 2021	167250 - 172500
MB-FN-0001	Ferro-niobium 63-67% delivered consumer works, dp, Europe \$ per kg Nb	22 Dec 2021	44.2 - 45.5	0.00%	Nov 2021	44 - 46

Ferro-nickel & ferro-titanium prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEN-0003	Ferro-nickel premium/discount, 26-32% Ni contained, cif China, \$/tonne	29 Nov 2021	(300) - 100		Nov 2021	(300) - 100
MB-FET-0001	Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, \$/kg Ti	22 Dec 2021	7.7 - 8	0.00%	Nov 2021	7.7 - 8.2
MB-FET-0002	Ferro-titanium 68-72% Ti, ex-whs US, \$/lb	23 Dec 2021	3.6 - 3.85	0.00%	Nov 2021	3.6 - 3.83

Molybdenum prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEO-0001	Ferro-molybdenum 65% Mo min, in-whs Rotterdam, \$/kg Mo	24 Dec 2021	44 - 44.8	0.57%	Nov 2021	43.88 - 45.07
MB-FEO-0002	Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, \$/lb	23 Dec 2021	20.25 - 21	-0.58%	Nov 2021	21.63 - 22.6
MB-FEO-0003	Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, \$/lb Mo	24 Dec 2021	18.9 - 19.1	0.53%	Nov 2021	19.06 - 19.31
MB-FEO-0004	Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, \$/lb	24 Dec 2021	18.4 - 18.6	0.27%	Nov 2021	18.51 - 18.71
MB-MO-0001	Molybdenum canned molybdic oxide, in-whs Pittsburgh, \$/lb	23 Dec 2021	18.9 - 19.5	0.37%	Nov 2021	18.88 - 19.75

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	15 Dec 2021	81	35.00%	Nov 2021	57.5
MB-AL-0370	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	53	10.42%	Nov 2021	45
MB-AL-0371	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	57	-5.00%	Nov 2021	59
MB-AL-0367	Aluminum scrap litho sheets, dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	95	9.20%	Nov 2021	80
MB-AL-0372	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	66	10.00%	Nov 2021	64
MB-AL-0037	Aluminum scrap segregated low copper alloy clips 3105, mills specialty consumers' buying price, delivered consumer US, US cents/lb	23 Dec 2021	95 - 98	5.46%	Nov 2021	88 - 90
MB-AL-0369	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	65	3.17%	Nov 2021	64
MB-AL-0366	Aluminum scrap industrial castings, dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	55	14.58%	Nov 2021	49
MB-AL-0365	Aluminum scrap aluminum borings, turnings, clean & dry, dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	27	0.00%	Nov 2021	25
MB-AL-0031	Aluminum scrap turnings clean dry high grade buying price, delivered to Midwest secondary smelters, US cents/lb	23 Dec 2021	69 - 73	1.43%	Nov 2021	66 - 70
MB-AL-0032	Aluminum scrap turnings clean dry mixed grade (max 5% Zn) buying price, delivered to Midwest secondary smelters, US cents/lb	23 Dec 2021	58 - 62	0.00%	Nov 2021	58 - 62
MB-AL-0033	Aluminum scrap aluminium-copper radiators buying price, delivered to Midwest secondary smelters, US cents/lb	23 Dec 2021	200 - 210	0.00%	Nov 2021	195 - 205
MB-AL-0030	Aluminum scrap old cast buying price, delivered to Midwest secondary smelters, US cents/lb	23 Dec 2021	68 - 72	0.00%	Nov 2021	68 - 72
MB-AL-0029	Aluminum scrap old sheet buying price, delivered to Midwest secondary smelters, US cents/lb	23 Dec 2021	69 - 72	0.00%	Nov 2021	69 - 72
MB-AL-0027	Aluminum scrap siding buying price, delivered Midwest secondary smelters, US cents/lb	23 Dec 2021	71 - 74	0.00%	Nov 2021	71 - 74
MB-AL-0368	Aluminum scrap mixed clips, dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	63	5.00%	Nov 2021	64
MB-AL-0028	Aluminum scrap mixed clips buying price, delivered to Midwest secondary smelters, US cents/lb	23 Dec 2021	66 - 70	0.00%	Nov 2021	64 - 67
MB-AL-0024	Aluminum scrap mixed high copper clips, buying price, delivered Midwest secondary smelters, US cents/lb	23 Dec 2021	71 - 75	1.39%	Nov 2021	71 - 75
MB-AL-0038	Aluminum scrap mixed low copper clips, specialty consumers' buying price, delivered consumer US, US cents/lb	23 Dec 2021	94 - 98	7.26%	Nov 2021	86.5 - 90.5
MB-AL-0023	Aluminum scrap mixed low copper clips, buying price, delivered Midwest secondary smelters, US cents/lb	23 Dec 2021	73 - 77	0.00%	Nov 2021	76 - 80
MB-AL-0025	Aluminum scrap mixed high zinc clips buying price, delivered Midwest secondary smelters, US cents/lb	23 Dec 2021	64 - 68	0.00%	Nov 2021	65 - 69
MB-AL-0026	Aluminum scrap 1-1-3 sows buying price, delivered Midwest secondary smelters, US cents/lb	23 Dec 2021	73 - 75	0.00%	Nov 2021	73 - 75



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0036	Aluminum scrap segregated low copper alloy clips 5052, mills specialty consumers' buying price, fob shipping point US, US cents/lb	23 Dec 2021	134 - 138	6.67%	Nov 2021	127.5 - 131.5
MB-AL-0039	Aluminum scrap painted siding, specialty consumers' buying price, delivered consumer US, US cents/lb	23 Dec 2021	92 - 95	6.86%	Nov 2021	83 - 88
MB-AL-0373	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	57	14.00%	Nov 2021	47.5
MB-AL-0035	Aluminum scrap used beverage cans, domestic aluminum producer buying price, fob shipping point US, US cents/lb	23 Dec 2021	85 - 90	4.79%	Nov 2021	83 - 85
MB-AL-0034	Aluminum scrap non-ferrous auto shred (90% Al) buying price, delivered to Midwest secondary smelters, US cents/lb	23 Dec 2021	75 - 78	0.00%	Nov 2021	77.5 - 81.5
MB-AL-0375	Zorba 95/3 min, basis delivered US facility, US cents/lb	23 Dec 2021	63 - 64	0.00%	Nov 2021	65 - 67
MB-AL-0161	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	160	0.00%	Nov 2021	166.5
MB-AL-0117	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	43	0.00%	Nov 2021	43
MB-AL-0101	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	20	0.00%	Nov 2021	20
MB-AL-0118	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	73	0.00%	Nov 2021	69.5
MB-AL-0102	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	50	0.00%	Nov 2021	51.5
MB-AL-0160	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	75	0.00%	Nov 2021	75
MB-AL-0085	Aluminum scrap mixed clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	50	0.00%	Nov 2021	50
MB-AL-0054	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	114	0.89%	Nov 2021	116.5
MB-AL-0149	Aluminum scrap industrial castings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	45	0.00%	Nov 2021	45
MB-AL-0150	Aluminum scrap industrial castings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	67	0.00%	Nov 2021	68.5
MB-AL-0133	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	15	0.00%	Nov 2021	15
MB-AL-0134	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	92	0.00%	Nov 2021	89.5
MB-AL-0203	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	47	0.00%	Nov 2021	47
MB-AL-0204	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	91	2.25%	Nov 2021	87
MB-AL-0070	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	90	-3.23%	Nov 2021	93
MB-AL-0069	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	45	0.00%	Nov 2021	45
MB-AL-0053	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	60	0.00%	Nov 2021	60

Canadian aluminium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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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	15 Dec 2021	160	0.00%	Nov 2021	166.5
MB-AL-0117	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	43	0.00%	Nov 2021	43
MB-AL-0101	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	20	0.00%	Nov 2021	20
MB-AL-0118	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	73	0.00%	Nov 2021	69.5
MB-AL-0102	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	50	0.00%	Nov 2021	51.5
MB-AL-0160	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	75	0.00%	Nov 2021	75
MB-AL-0085	Aluminum scrap mixed clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	50	0.00%	Nov 2021	50
MB-AL-0054	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	114	0.89%	Nov 2021	116.5
MB-AL-0149	Aluminum scrap industrial castings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	45	0.00%	Nov 2021	45
MB-AL-0150	Aluminum scrap industrial castings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	67	0.00%	Nov 2021	68.5
MB-AL-0133	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	15	0.00%	Nov 2021	15
MB-AL-0134	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	92	0.00%	Nov 2021	89.5
MB-AL-0203	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	47	0.00%	Nov 2021	47
MB-AL-0204	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	91	2.25%	Nov 2021	87
MB-AL-0070	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	90	-3.23%	Nov 2021	93
MB-AL-0069	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	45	0.00%	Nov 2021	45
MB-AL-0053	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	60	0.00%	Nov 2021	60

European aluminium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0286	Aluminium scrap group 7 turnings, LME discount, delivered consumer works, UK, £/tonne	22 Dec 2021	1008 - 1048	-0.19%	Nov 2021	1077 - 1124.5
MB-AL-0015	Aluminium scrap group 7 turnings, delivered consumer UK, £/tonne	22 Dec 2021	720 - 760	0.00%	Nov 2021	727.5 - 775
MB-AL-0012	Aluminium scrap commercial turnings, delivered consumer UK, £/tonne	22 Dec 2021	850 - 910	0.00%	Nov 2021	877.5 - 937.5
MB-AL-0285	Aluminium scrap commercial turnings, LME discount, delivered consumer UK, £/tonne	22 Dec 2021	858 - 918	-0.22%	Nov 2021	914.5 - 974.5
MB-AL-0010	Aluminium scrap commercial cast, delivered consumer UK, £/tonne	22 Dec 2021	1170 - 1230	0.84%	Nov 2021	1190 - 1250
MB-AL-0283	Aluminium scrap commercial cast, LME discount, delivered consumer UK, £/tonne	22 Dec 2021	538 - 598	-2.07%	Nov 2021	602 - 662
MB-AL-0011	Aluminium scrap commercial pure cuttings, delivered consumer UK, £/tonne	22 Dec 2021	1190 - 1230	0.00%	Nov 2021	1212.5 - 1260



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0279	Aluminium scrap commercial pure cuttings, LME discount, delivered consumer UK, £/tonne	22 Dec 2021	799 - 839	5.00%	Nov 2021	696.75 - 744.25
MB-AL-0017	Aluminium scrap LM6/LM25 gravity diecasting ingot, delivered consumer UK, £/tonne	22 Dec 2021	2400 - 2480	0.00%	Nov 2021	2425 - 2532.5
MB-AL-0284	Aluminium scrap cast wheels, LME discount, delivered consumer UK, £/tonne	22 Dec 2021	88 - 148	-1.67%	Nov 2021	139.5 - 187
MB-AL-0007	Aluminium scrap cast wheels, delivered consumer UK, £/tonne	22 Dec 2021	1620 - 1680	0.00%	Nov 2021	1665 - 1712.5
MB-AL-0008	Aluminium scrap cast, delivered consumer Europe, €/tonne	24 Dec 2021	1530 - 1580	0.00%	Nov 2021	1545 - 1600
MB-AL-0278	Aluminium scrap group 1 pure 99% & litho, LME discount, delivered consumer UK, £/tonne	22 Dec 2021	119 - 169	15.20%	Nov 2021	56.75 - 109.25
MB-AL-0014	Aluminium scrap group 1 pure 99% & litho, delivered consumer UK, £/tonne	22 Dec 2021	1860 - 1910	1.07%	Nov 2021	1847.5 - 1900
MB-AL-0281	Aluminium scrap loose old rolled cuttings, LME discount, delivered consumer UK, £/tonne	22 Dec 2021	768 - 818	-1.49%	Nov 2021	847 - 889.5
MB-AL-0018	Aluminium scrap loose old rolled cuttings, delivered consumer UK, £/tonne	22 Dec 2021	950 - 1000	1.04%	Nov 2021	962.5 - 1005
MB-AL-0282	Aluminium scrap baled old rolled, LME discount, delivered consumer UK, £/tonne	22 Dec 2021	698 - 738	-1.64%	Nov 2021	772 - 812
MB-AL-0006	Aluminium scrap baled old rolled, delivered consumer UK, £/tonne	22 Dec 2021	1030 - 1070	0.96%	Nov 2021	1040 - 1080
MB-AL-0280	Aluminium scrap clean HE9 extrusions, LME discount, delivered consumer UK, £/tonne	22 Dec 2021	119 - 169	15.20%	Nov 2021	46.75 - 99.25
MB-AL-0013	Aluminium scrap floated frag, delivered consumer Europe, €/tonne	24 Dec 2021	1550 - 1620	0.00%	Nov 2021	1587.5 - 1647.5
MB-AL-0019	Aluminium scrap mixed turnings, delivered consumer Europe, €/tonne	24 Dec 2021	1320 - 1380	0.00%	Nov 2021	1340 - 1400
MB-AL-0009	Aluminium scrap clean HE9 extrusions, delivered consumer UK, £/tonne	22 Dec 2021	1860 - 1910	1.07%	Nov 2021	1857.5 - 1910
MB-AL-0016	Aluminium scrap LM24 pressure diecasting ingot, delivered consumer UK, £/tonne	22 Dec 2021	1980 - 2030	0.00%	Nov 2021	1995 - 2087.5

Secondary aluminium alloy prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0005	Aluminium pressure diecasting ingot DIN226/A380, delivered Europe, €/tonne	24 Dec 2021	2300 - 2350	0.43%	Nov 2021	2450 - 2575
MB-AL-0040	Aluminum alloy A380.1, delivered Midwest, US cents/lb	23 Dec 2021	140 - 145	0.35%	Nov 2021	138 - 142
MB-AL-0233	Aluminum alloy A380.1, delivered Midwest, \$/lb	23 Dec 2021	1.4 - 1.45	0.70%	Nov 2021	
MB-AL-0041	Aluminum alloy 319.1, delivered Midwest, cents/lb	23 Dec 2021	147 - 152	1.70%	Nov 2021	143.25 - 146.5
MB-AL-0042	Aluminum alloy 356.1, delivered Midwest, cents/lb	23 Dec 2021	173 - 178	2.93%	Nov 2021	167.75 - 173.5
MB-AL-0043	Aluminum alloy A360.1, delivered Midwest, cents/lb	23 Dec 2021	177 - 181	0.85%	Nov 2021	170.5 - 175
MB-AL-0044	Aluminum alloy A413.1, delivered Midwest, cents/lb	23 Dec 2021	180 - 182	0.84%	Nov 2021	172.75 - 177.5
MB-AL-0292	Aluminium ingot ADC 12 spot (MJP), cfr Japan, \$/tonne	22 Dec 2021	2400 - 2450	-4.90%	Nov 2021	2725 - 2825
MB-AL-0350	Aluminium ingot ADC 12, exw dp China, yuan/tonne	22 Dec 2021	19900 - 20500	0.25%	Nov 2021	19725 - 20250

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	15 Dec 2021	360	0.00%	Nov 2021	360

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0295	Copper scrap No1 copper, discount, buying price, delivered to brass ingot makers, US cents/lb	22 Dec 2021	(23) - (20)		Nov 2021	(27) - (23)
MB-CU-0292	Copper scrap No1 copper, discount, buying price, delivered to refiners, US cents/lb	22 Dec 2021	(20) - (16)		Nov 2021	(22) - (18)
MB-CU-0291	Copper scrap No1 copper, discount, buying price, delivered to brass mill US, US cents/lb	22 Dec 2021	(12) - (9)		Nov 2021	(15) - (12)
MB-CU-0294	Copper scrap No1 bare bright, discount, buying price, delivered to brass ingot makers, US cents/lb	22 Dec 2021	(12) - (9)		Nov 2021	(13) - (11)
MB-CU-0305	Copper scrap No1 bare bright, buying price, delivered to brass ingot makers, US cents/lb	27 Dec 2021	435 - 438	1.87%	Nov 2021	423.55 - 425.55
MB-CU-0306	Copper scrap No1 copper, buying price, delivered to brass ingot makers, US cents/lb	27 Dec 2021	424 - 427	1.92%	Nov 2021	409.55 - 413.55
MB-CU-0302	Copper scrap No1 copper, buying price, delivered to brass mill US, US cents/lb	27 Dec 2021	436.5	1.87%	Nov 2021	423.05
MB-CU-0298	Copper scrap No1 comp solids, buying price, delivered to brass ingot makers, US cents/lb	22 Dec 2021	332 - 335	0.00%	Nov 2021	327 - 332
MB-CU-0303	Copper scrap No1 copper, buying price, delivered to refiners, US cents/lb	27 Dec 2021	429	1.90%	Nov 2021	416.4
MB-CU-0010	Copper scrap No1 heavy copper & wire, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	468	-1.06%	Nov 2021	474.5
MB-CU-0009	Copper scrap No1 heavy copper & wire, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	330	0.00%	Nov 2021	330
MB-CU-0512	No1 copper material, RCu-2A,1B (candy/berry), cif China, LME/Comex discount, US cents per lb	27 Dec 2021	9 - 13	0.00%	Nov 2021	9 - 13
MB-CU-0360	No2 copper material, RCu-2B (birch/cliff), cif China, LME/Comex discount, US cents per lb	27 Dec 2021	24 - 28	0.00%	Nov 2021	24 - 28
MB-CU-0025	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	293	0.00%	Nov 2021	293
MB-CU-0418	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	335	0.00%	Nov 2021	330.5
MB-CU-0304	Copper scrap No2 copper, buying price, delivered to refiners, US cents/lb	27 Dec 2021	396.5	2.06%	Nov 2021	383.05
MB-CU-0307	Copper scrap No2 copper, buying price, delivered to brass ingot makers, US cents/lb	27 Dec 2021	393 - 397	2.07%	Nov 2021	378.8 - 381.05
MB-CU-0293	Copper scrap No2 copper, discount, buying price, delivered to refiners, US cents/lb	22 Dec 2021	(52) - (49)		Nov 2021	(55) - (52)
MB-CU-0296	Copper scrap No2 copper, discount, buying price, delivered to brass ingot makers, US cents/lb	22 Dec 2021	(54) - (50)		Nov 2021	(57.75) - (55.5)
MB-CU-0026	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	446	0.00%	Nov 2021	456

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	15 Dec 2021	218	6.34%	Nov 2021	205
MB-CU-0301	Copper scrap yellow brass solids, buying price, delivered to brass ingot makers, US cents/lb	22 Dec 2021	275 - 280	2.78%	Nov 2021	263.75 - 271.5
MB-CU-0416	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	203	10.33%	Nov 2021	167
MB-CU-0414	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	190	11.76%	Nov 2021	149



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0300	Copper scrap radiators, buying price, delivered to brass ingot makers, US cents/lb	22 Dec 2021	255 - 258	0.20%	Nov 2021	253.25 - 257.75
MB-CU-0413	Copper scrap 70-30 brass clips, dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	250	-1.19%	Nov 2021	249
MB-CU-0415	Copper scrap light copper, dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	300	0.00%	Nov 2021	310
MB-CU-0297	Copper scrap light copper, discount, buying price, delivered to brass ingot makers, US cents/lb	22 Dec 2021	(58) - (55)		Nov 2021	(62) - (58)
MB-CU-0308	Copper scrap light copper, buying price, delivered to brass ingot makers, US cents/lb	27 Dec 2021	389 - 392	2.09%	Nov 2021	374.55 - 378.55
MB-CU-0299	Copper scrap comp borings, turnings, buying price, delivered to brass ingot makers, US cents/lb	22 Dec 2021	320 - 323	1.26%	Nov 2021	317.25 - 322.25
MB-CU-0419	Copper scrap red brass solids, dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	267	5.53%	Nov 2021	235
MB-CU-0420	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	235	4.44%	Nov 2021	222

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	15 Dec 2021	175	0.00%	Nov 2021	175
MB-CU-0120	Copper scrap yellow brass solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	320	0.00%	Nov 2021	313
MB-CU-0135	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	100	0.00%	Nov 2021	100
MB-CU-0136	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	284	0.00%	Nov 2021	284
MB-CU-0196	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	150	0.00%	Nov 2021	150
MB-CU-0197	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	290	0.00%	Nov 2021	276.5
MB-CU-0181	Copper scrap 70-30 brass clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	180	0.00%	Nov 2021	180
MB-CU-0042	Copper scrap light copper, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	470	0.00%	Nov 2021	468
MB-CU-0041	Copper scrap light copper, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	265	0.00%	Nov 2021	265
MB-CU-0058	Copper scrap red brass solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	394	0.00%	Nov 2021	385
MB-CU-0073	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	110	0.00%	Nov 2021	110
MB-CU-0074	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	387	0.00%	Nov 2021	374
MB-CU-0057	Copper scrap red brass solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	200	0.00%	Nov 2021	200

Chicago nickel scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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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	15 Dec 2021	509 - 530	6.56%	Nov 2021	462.5 - 511
MB-NI-0198	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	15 Dec 2021	127 - 133	1.96%	Nov 2021	123 - 129
MB-NI-0152	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	200 - 210	3.80%	Nov 2021	185 - 210
MB-NI-0197	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Chicago, US cents/lb	15 Dec 2021	610 - 640	5.04%	Nov 2021	573.5 - 620
MB-NI-0154	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	320 - 360	0.00%	Nov 2021	330 - 350
MB-NI-0151	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	131 - 135	4.31%	Nov 2021	125 - 130
MB-NI-0200	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	15 Dec 2021	302 - 307	3.40%	Nov 2021	275 - 302.5
MB-NI-0199	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	15 Dec 2021	190 - 200	2.63%	Nov 2021	180 - 193.5
MB-NI-0150	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	90 - 91	3.43%	Nov 2021	87 - 88
MB-NI-0149	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	390 - 440	0.00%	Nov 2021	400 - 430
MB-NI-0155	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	29 - 39	17.24%	Nov 2021	28 - 30
MB-NI-0201	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	15 Dec 2021	300 - 310	4.81%	Nov 2021	273.5 - 307.5
MB-NI-0153	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	200 - 210	3.80%	Nov 2021	180 - 215
MB-NI-0193	Nickel scrap nickel turnings, broker buying price, delivered to yard Chicago, US cents/lb	15 Dec 2021	810 - 820	7.59%	Nov 2021	682.5 - 807.5
MB-NI-0145	Nickel scrap nickel turnings, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	490 - 570	0.95%	Nov 2021	490 - 560
MB-NI-0192	Nickel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	15 Dec 2021	835 - 855	3.36%	Nov 2021	712.5 - 850
MB-NI-0144	Nickel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	545 - 595	4.11%	Nov 2021	515 - 580
MB-NI-0196	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	15 Dec 2021	496 - 510	2.03%	Nov 2021	457.5 - 511
MB-NI-0148	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	325 - 360	7.87%	Nov 2021	305 - 330
MB-NI-0194	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	15 Dec 2021	530 - 546	1.89%	Nov 2021	472.5 - 543.5
MB-NI-0146	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	345 - 370	9.16%	Nov 2021	315 - 340
MB-NI-0195	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Chicago, US cents/lb	15 Dec 2021	340 - 436	2.65%	Nov 2021	300 - 410
MB-NI-0147	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	220 - 280	11.11%	Nov 2021	210 - 240
MB-NI-0203	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	15 Dec 2021	41 - 46	-9.38%	Nov 2021	42 - 51.5

Detroit nickel scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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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	15 Dec 2021	306 - 307	3.90%	Nov 2021	275 - 302.5
MB-NI-0162	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	90 - 91	11.04%	Nov 2021	75 - 88
MB-NI-0167	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	29 - 31	-1.64%	Nov 2021	28 - 33
MB-NI-0214	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	15 Dec 2021	529 - 530	8.06%	Nov 2021	472.5 - 505
MB-NI-0211	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	15 Dec 2021	199 - 200	3.64%	Nov 2021	182.5 - 193.5
MB-NI-0164	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	200 - 210	7.89%	Nov 2021	170 - 210
MB-NI-0161	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	390 - 440	6.82%	Nov 2021	347 - 430
MB-NI-0210	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	15 Dec 2021	132 - 133	2.32%	Nov 2021	127.5 - 129
MB-NI-0209	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Detroit, US cents/lb	15 Dec 2021	639 - 640	7.48%	Nov 2021	586.5 - 620
MB-NI-0166	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	325 - 360	9.78%	Nov 2021	274 - 350
MB-NI-0163	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	133 - 135	12.61%	Nov 2021	108 - 130
MB-NI-0213	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	15 Dec 2021	309 - 310	5.81%	Nov 2021	277.5 - 307.5
MB-NI-0165	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	200 - 210	7.89%	Nov 2021	165 - 215
MB-NI-0205	Nickel scrap nickel turnings, broker buying price, delivered to yard Detroit, US cents/lb	15 Dec 2021	819 - 820	5.40%	Nov 2021	697.5 - 807.5
MB-NI-0157	Nickel scrap nickel turnings, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	515 - 570	13.49%	Nov 2021	396 - 560
MB-NI-0204	Nickel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	15 Dec 2021	834 - 835	3.34%	Nov 2021	735 - 827.5
MB-NI-0156	Nickel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	545 - 580	13.07%	Nov 2021	420 - 575
MB-NI-0208	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	15 Dec 2021	509 - 510	3.45%	Nov 2021	457.5 - 500
MB-NI-0160	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	325 - 360	7.87%	Nov 2021	305 - 330
MB-NI-0206	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	15 Dec 2021	529 - 530	3.32%	Nov 2021	472.5 - 520
MB-NI-0158	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	345 - 370	11.72%	Nov 2021	300 - 340
MB-NI-0207	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Detroit, US cents/lb	15 Dec 2021	339 - 340	-0.88%	Nov 2021	300 - 375
MB-NI-0159	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	220 - 255	5.56%	Nov 2021	210 - 240
MB-NI-0215	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	15 Dec 2021	44 - 45	3.49%	Nov 2021	42 - 51

Houston nickel scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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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	15 Dec 2021	109 - 127	-0.42%	Nov 2021	108 - 129
MB-NI-0178	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	389 - 390	-2.50%	Nov 2021	399 - 400
MB-NI-0175	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	100 - 155	-12.07%	Nov 2021	120 - 170
MB-NI-0227	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	15 Dec 2021	50 - 57	0.94%	Nov 2021	49 - 53.5
MB-NI-0174	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	75 - 85	1.91%	Nov 2021	75 - 82
MB-NI-0224	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	15 Dec 2021	282 - 300	0.52%	Nov 2021	279.5 - 295
MB-NI-0221	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Houston, US cents/lb	15 Dec 2021	584 - 585	-5.65%	Nov 2021	609 - 610
MB-NI-0179	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	29 - 30	31.11%	Nov 2021	22 - 23
MB-NI-0226	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Houston, US cents/lb	15 Dec 2021	465 - 500	0.52%	Nov 2021	474.5 - 495
MB-NI-0223	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	15 Dec 2021	170 - 190	0.00%	Nov 2021	169 - 186.5
MB-NI-0176	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	150 - 250	-19.19%	Nov 2021	220 - 275
MB-NI-0173	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	400 - 450	-12.37%	Nov 2021	470 - 500
MB-NI-0225	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Houston, US cents/lb	15 Dec 2021	278 - 300	-1.53%	Nov 2021	278 - 295
MB-NI-0177	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	220 - 240	9.52%	Nov 2021	200 - 220
MB-NI-0217	Nickel scrap nickel turnings, broker buying price, delivered to yard Houston, US cents/lb	15 Dec 2021	660 - 750	1.08%	Nov 2021	607.5 - 687.5
MB-NI-0169	Nickel scrap nickel turnings, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	425 - 500	0.00%	Nov 2021	425 - 500
MB-NI-0216	Nickel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	15 Dec 2021	775 - 800	0.32%	Nov 2021	710 - 752.5
MB-NI-0168	Nickel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	400 - 600	-9.01%	Nov 2021	549 - 550
MB-NI-0220	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Houston, US cents/lb	15 Dec 2021	505 - 570	-0.46%	Nov 2021	507.5 - 571.5
MB-NI-0172	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	349 - 350	-21.02%	Nov 2021	400 - 485
MB-NI-0218	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Houston, US cents/lb	15 Dec 2021	560 - 585	0.00%	Nov 2021	545 - 586.5
MB-NI-0170	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	374 - 375	-16.78%	Nov 2021	400 - 500
MB-NI-0219	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Houston, US cents/lb	15 Dec 2021	335 - 440	-1.27%	Nov 2021	342.5 - 435
MB-NI-0171	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	250 - 325	-10.16%	Nov 2021	290 - 350

Pittsburgh nickel scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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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	15 Dec 2021	450 - 530	-2.97%	Nov 2021	482.5 - 508.5
MB-NI-0235	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	15 Dec 2021	175 - 200	1.35%	Nov 2021	170 - 193.5
MB-NI-0188	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	175 - 210	14.93%	Nov 2021	125 - 210
MB-NI-0185	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	370 - 475	3.05%	Nov 2021	370 - 450
MB-NI-0191	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	21 - 35	12.00%	Nov 2021	20 - 30
MB-NI-0187	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	75 - 135	2.44%	Nov 2021	75 - 130
MB-NI-0234	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	15 Dec 2021	130 - 138	7.20%	Nov 2021	120 - 130.5
MB-NI-0239	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	15 Dec 2021	40 - 55	1.06%	Nov 2021	40 - 49
MB-NI-0236	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	15 Dec 2021	280 - 307	1.21%	Nov 2021	267.5 - 302.5
MB-NI-0233	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	15 Dec 2021	575 - 640	0.58%	Nov 2021	550 - 620
MB-NI-0190	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	325 - 390	0.70%	Nov 2021	330 - 380
MB-NI-0186	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	65 - 91	1.96%	Nov 2021	65 - 88
MB-NI-0237	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	15 Dec 2021	280 - 310	0.85%	Nov 2021	267.5 - 310
MB-NI-0189	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	175 - 210	-2.53%	Nov 2021	180 - 215
MB-NI-0229	Nickel scrap nickel turnings, broker buying price, delivered to yard Pittsburgh, US cents/lb	15 Dec 2021	775 - 820	3.84%	Nov 2021	710 - 807.5
MB-NI-0181	Nickel scrap nickel turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	515 - 575	3.81%	Nov 2021	490 - 560
MB-NI-0228	Nickel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	15 Dec 2021	825 - 835	3.11%	Nov 2021	752.5 - 827.5
MB-NI-0180	Nickel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	545 - 625	4.93%	Nov 2021	515 - 600
MB-NI-0232	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	15 Dec 2021	425 - 510	-4.59%	Nov 2021	385 - 500
MB-NI-0184	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	270 - 375	-2.27%	Nov 2021	300 - 360
MB-NI-0230	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	15 Dec 2021	450 - 565	3.57%	Nov 2021	445 - 549.5
MB-NI-0182	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	315 - 400	2.88%	Nov 2021	315 - 380
MB-NI-0231	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Pittsburgh, US cents/lb	15 Dec 2021	275 - 340	-7.52%	Nov 2021	300 - 350
MB-NI-0183	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	220 - 280	8.70%	Nov 2021	200 - 260

Lead scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0004	Lead scrap buying price, delivered smelters US, \$/cwt	14 Dec 2021	80 - 85	0.00%	Nov 2021	80 - 85
MB-PB-0003	Lead scrap remelt buying price, delivered smelters US, \$/cwt	14 Dec 2021	87 - 90	0.00%	Nov 2021	87 - 90
MB-PB-0002	Lead scrap cable buying price, delivered smelters US, \$/cwt	14 Dec 2021	86 - 90	0.00%	Nov 2021	86 - 90
MB-PB-0111	Lead scrap heavy soft lead, dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	38	0.00%	Nov 2021	45
MB-PB-0112	Lead scrap undrained whole batteries, dealer buying price, delivered to yard US, US cents/lb	15 Dec 2021	15	-6.25%	Nov 2021	16.5
MB-PB-0005	Lead scrap whole batteries buying price, delivered smelters US, \$/cwt	14 Dec 2021	26 - 28	0.00%	Nov 2021	26.67 - 28.67
MB-PB-0009	Lead scrap heavy soft lead, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	50	0.00%	Nov 2021	50
MB-PB-0010	Lead scrap heavy soft lead, dealer buying price, delivered to yard Toronto, Canadian cents/lb	15 Dec 2021	64	0.00%	Nov 2021	72.5
MB-PB-0033	Lead scrap undrained whole batteries, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	15	-16.67%	Nov 2021	18

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	15 Dec 2021	35	75.00%	Nov 2021	25
MB-ZN-0004	Zinc scrap old zinc (clean), buying price, delivered smelters US, US cents/lb	14 Dec 2021	66 - 69	1.50%	Nov 2021	65 - 68
MB-ZN-0003	Zinc scrap new zinc clippings buying price, delivered smelters US, US cents/lb	14 Dec 2021	85 - 88	1.17%	Nov 2021	85 - 88
MB-ZN-0002	Zinc scrap galvanizers dross buying price, delivered smelters US, US cents/lb	14 Dec 2021	84 - 88	1.18%	Nov 2021	84.33 - 88
MB-ZN-0050	Zinc scrap old zinc, dealer buying price, delivered to yard Montreal, Canadian cents/lb	15 Dec 2021	30	0.00%	Nov 2021	30

Titanium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-TI-0002	Titanium scrap turnings, unprocessed type 90/6/4, 0.5-2% Sn max, cif Europe, \$/lb	22 Dec 2021	1.8 - 1.9	0.00%	Nov 2021	1.8 - 1.9
MB-TI-0001	Titanium scrap turnings, unprocessed type 90/6/4, 0.5% Sn max, cif Europe, \$/lb	22 Dec 2021	1.8 - 2	0.00%	Nov 2021	1.8 - 2

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	27 Dec 2021	33.5 - 34.05	0.00%	Nov 2021	29.13 - 29.69
MB-CO-0004	Cobalt alloy grade, in-whs Rotterdam, \$/lb	27 Dec 2021	33.5 - 34.05	0.00%	Nov 2021	29.13 - 29.69
MB-CO-0001	Cobalt 99.8% Co min, ex-works China, yuan/tonne	24 Dec 2021	485000 - 495000	0.62%	Nov 2021	419625 - 433875
MB-CO-0017	Cobalt sulfate 20.5% Co basis, exw China, yuan/tonne	24 Dec 2021	101000 - 102000	0.50%	Nov 2021	90125 - 92625
MB-CO-0012	Cobalt tetroxide 72.6% Co min, delivered China, yuan/tonne	24 Dec 2021	380000 - 385000	0.00%	Nov 2021	338125 - 343750
MB-CO-0020	Cobalt hydroxide index 30% Co min, cif China, \$/lb	24 Dec 2021	28.02	0.61%	Nov 2021	25.09
MB-CO-0021	Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	24 Dec 2021	88 - 90	0.00%	Nov 2021	89 - 91

Europe minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0004	Cobalt alloy grade, in-whs Rotterdam, \$/lb	27 Dec 2021	33.5 - 34.05	0.00%	Nov 2021	29.13 - 29.69
MB-CO-0005	Cobalt standard grade, in-whs Rotterdam, \$/lb	27 Dec 2021	33.5 - 34.05	0.00%	Nov 2021	29.13 - 29.69
MB-AS-0001	Arsenic 99% min As, in-whs Rotterdam, \$/lb	17 Dec 2021	1.4 - 1.7	0.00%	Nov 2021	1.4 - 1.7
MB-SB-0002	Antimony MMTA standard grade II, in-whs Rotterdam, \$/tonne	24 Dec 2021	13000 - 13600	0.00%	Nov 2021	12831.25 - 13450
MB-SB-0001	Antimony max 100 ppm Bi, in-whs Rotterdam, \$/tonne	24 Dec 2021	13000 - 13700	0.38%	Nov 2021	12750 - 13550
MB-BI-0001	Bismuth 99.99% Bi min, in-whs Rotterdam, \$/lb	24 Dec 2021	3.95 - 4.2	0.00%	Nov 2021	3.94 - 4.18
MB-CR-0001	Chromium alumino-thermic 99% min, in-whs Rotterdam, \$/tonne	24 Dec 2021	11900 - 13150	-0.79%	Nov 2021	10500 - 11825
MB-GA-0001	Gallium 99.99% Ga min, in-whs Rotterdam, \$/kg	24 Dec 2021	390 - 415	0.00%	Nov 2021	371.25 - 401.25
MB-GER-0003	Germanium 99.99% Ge, in-whs Rotterdam, \$/kg	24 Dec 2021	1400 - 1480	0.00%	Nov 2021	1331.88 - 1416.25
MB-IN-0002	Indium 99.99%, in-whs Rotterdam, \$/kg	24 Dec 2021	255 - 295	0.92%	Nov 2021	265 - 289.38
MB-MG-0001	Magnesium 99.9%, in-whs Rotterdam, \$/tonne	24 Dec 2021	8100 - 8700	0.60%	Nov 2021	7075 - 8750
MB-MN-0001	Manganese 99.7% electrolytic manganese flake, in-whs Rotterdam, \$/tonne	24 Dec 2021	7200 - 7600	0.00%	Nov 2021	7525 - 8065
MB-RE-0001	Rhenium APR catalytic grade, in-whs dup Rotterdam, \$/kg	17 Dec 2021	890 - 1100	0.00%	Nov 2021	890 - 1050
MB-RE-0002	Rhenium metal pellets 99.9% Re min, in-whs dup, Rotterdam \$/lb	17 Dec 2021	360 - 700	0.00%	Nov 2021	450 - 700
MB-SE-0002	Selenium 99.5% Se min, in-whs Rotterdam, \$/lb	24 Dec 2021	9.7 - 11	2.99%	Nov 2021	9.7 - 11
MB-SI-0004	Silicon grade 5-5-3 98.5% Si min, in-whs Rotterdam, €/tonne	24 Dec 2021	5000 - 6000	-4.35%	Nov 2021	4900 - 6700
MB-SI-0001	Silicon grade 4-4-1 99% Si min, in-whs Rotterdam, €/tonne	24 Dec 2021	5500 - 6500	0.00%	Nov 2021	5000 - 7050
MB-TE-0001	Tellurium 99.9-99.99% Te min, in-whs Rotterdam, \$/kg	24 Dec 2021	60 - 75	2.27%	Nov 2021	63 - 75

China minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0001	Cobalt 99.8% Co min, ex-works China, yuan/tonne	24 Dec 2021	485000 - 495000	0.62%	Nov 2021	419625 - 433875

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0021	Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	24 Dec 2021	88 - 90	0.00%	Nov 2021	89 - 91
MB-CO-0020	Cobalt hydroxide index 30% Co min, cif China, \$/lb	24 Dec 2021	28.02	0.61%	Nov 2021	25.09
MB-CO-0017	Cobalt sulfate 20.5% Co basis, exw China, yuan/tonne	24 Dec 2021	101000 - 102000	0.50%	Nov 2021	90125 - 92625
MB-CO-0012	Cobalt tetroxide 72.6% Co min, delivered China, yuan/tonne	24 Dec 2021	380000 - 385000	0.00%	Nov 2021	338125 - 343750
MB-SB-0003	Antimony MMTA standard grade II, ddp China, yuan/tonne	24 Dec 2021	73000 - 74000	0.00%	Nov 2021	72250 - 73250
MB-BI-0002	Bismuth 99.99% Bi min, in-whs China, yuan/tonne	24 Dec 2021	44500 - 45000	0.00%	Nov 2021	46375 - 47125
MB-GA-0002	Gallium 99.99% Ga min, in-whs China, yuan/kg	24 Dec 2021	2350 - 2450	-0.62%	Nov 2021	2375 - 2437.5
MB-GER-0004	Germanium 99.999% Ge min, in-whs China, yuan/kg	24 Dec 2021	9200 - 9450	0.00%	Nov 2021	9050 - 9337.5
MB-GER-0001	Germanium dioxide, in-whs China, \$/kg	24 Dec 2021	920 - 955	0.00%	Nov 2021	890 - 945.63
MB-IN-0003	Indium 99.99%, exw China, yuan/kg	24 Dec 2021	1480 - 1520	-0.66%	Nov 2021	1560 - 1600
MB-MG-0002	Magnesium 99.9% Mg min, fob China main ports, \$/tonne	24 Dec 2021	8000 - 8300	13.99%	Nov 2021	5650 - 5950
MB-MG-0003	Magnesium 99.9%, exw China, yuan/tonne	24 Dec 2021	49000 - 50000	16.47%	Nov 2021	33750 - 34750
MB-MN-0007	Manganese 99.7% electrolytic manganese flake, fob China, \$/tonne	24 Dec 2021	6000 - 6300	-5.38%	Nov 2021	6587.5 - 6837.5
MB-SI-0002	Silicon export 98.5% Si min, fob China, \$/tonne	24 Dec 2021	3150 - 3300	0.00%	Nov 2021	3700 - 4025
MB-SE-0003	Selenium 99.9% Se min, in-whs China, yuan/kg	24 Dec 2021	130 - 180	-1.59%	Nov 2021	130 - 185
MB-TE-0002	Tellurium 99.99% Te min, in-whs China, yuan/kg	24 Dec 2021	450 - 460	-1.62%	Nov 2021	475 - 480
MB-TA-0001	Tantalite, basis 25% min Ta2O5, cif China, \$ per lb Ta2O5	24 Dec 2021	78 - 83	1.26%	Nov 2021	75 - 79.5

US minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CR-0002	Chromium alumino-thermic 99% min ex-US warehouse \$/lb	23 Dec 2021	4.85 - 5	0.00%	Nov 2021	4.85 - 5
MB-SI-0003	Silicon, ddp US, US cents/lb	23 Dec 2021	475 - 500	0.00%	Nov 2021	445 - 492.5
MB-TI-0007	Titanium plate commercially pure, fob shipping point US, \$/lb	12 Oct 2021	11 - 13	0.00%	Nov 2021	11 - 13
MB-TI-0006	Titanium bar alloy AMS 4928, fob shipping point US, \$/lb	12 Oct 2021	24 - 25	0.00%	Nov 2021	24 - 25
MB-TI-0004	Titanium ingot 6Al-4V, fob shipping point US, \$/lb	12 Oct 2021	8 - 8.5	0.00%	Nov 2021	8 - 8.5
MB-TI-0008	Titanium sheet commercially pure, fob shipping point US, \$/lb	12 Oct 2021	13 - 15	0.00%	Nov 2021	13 - 15
MB-TI-0005	Titanium plate alloy AMS 4911, fob shipping point US, \$/lb	12 Oct 2021	27 - 28	0.00%	Nov 2021	27 - 28

Global location minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CD-0001	Cadmium 99.95% min, cif global ports, cents/lb	24 Dec 2021	125 - 140	0.00%	Nov 2021	125 - 135.5
MB-CD-0002	Cadmium 99.99% min, cif global ports, cents/lb	24 Dec 2021	130 - 140	0.00%	Nov 2021	130 - 140
MB-HF-0001	Hafnium, max 1% Zr, in-whs global locations, \$/kg	17 Dec 2021	900 - 1100	2.56%	Nov 2021	887.5 - 987.5

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	24 Dec 2021	160 - 180	0.00%	Nov 2021	173.33 - 183.33
MB-AL-0001	Aluminium P1020A (MJP) quarterly premium, cif Japan, \$/tonne	05 Oct 2021	215 - 220	21.85%	Nov 2021	215 - 220
MB-AL-0344	Aluminium P1020A premium, cif South Korea, \$/tonne	21 Dec 2021	160 - 170	0.00%	Nov 2021	170 - 180
MB-AL-0307	Aluminium P1020A premium, fca South Korea, \$/tonne	21 Dec 2021	175 - 185	0.00%	Nov 2021	185 - 195
MB-AL-0329	Aluminium P1020A premium, cif Taiwan, \$/tonne	14 Dec 2021	175 - 200	-2.60%	Nov 2021	183.33 - 203.33
MB-AL-0328	Aluminium P1020A premium, bonded in-whs, Shanghai, \$/tonne	30 Nov 2021	60 - 90	-48.28%	Nov 2021	60 - 90
MB-AL-0345	Aluminium P1020A premium, cif Shanghai, \$/tonne	30 Nov 2021	50 - 80	-51.85%	Nov 2021	50 - 80
MB-AL-0346	Aluminium P1020A premium, in-whs dup Rotterdam, \$/tonne	24 Dec 2021	280 - 300	7.41%	Nov 2021	233.41 - 248.18
MB-AL-0004	Aluminium P1020A premium, in-whs dp Rotterdam, \$/tonne	24 Dec 2021	350 - 370	4.35%	Nov 2021	287.78 - 305.56
MB-AL-0316	Aluminium P1020A premium, fca dp Italy, \$/tonne	21 Dec 2021	380 - 400	2.63%	Nov 2021	363 - 378
MB-AL-0319	Aluminium P1020A premium, fca dp Spain, \$/tonne	14 Dec 2021	365 - 375	0.00%	Nov 2021	368.33 - 380
MB-AL-0021	Aluminium P1020A premium, delivered Sao Paulo region, \$/tonne	14 Dec 2021	400 - 450	-11.46%	Nov 2021	456.67 - 483.33
MB-AL-0022	Aluminium P1020A premium, cif dup Brazilian main ports, \$/tonne	14 Dec 2021	380 - 400	0.00%	Nov 2021	380 - 400
MB-AL-0020	Aluminium P1020A premium, ddp Midwest US, US cents/lb	24 Dec 2021	29 - 31	0.00%	Nov 2021	29.67 - 31.89
MB-AL-0231	Aluminum P1020A all-in price, delivered Midwest US, US cents/lb	27 Dec 2021	157.1 - 159.1	0.00%	Nov 2021	149.51 - 151.61
MB-AL-0337	Aluminium P1020A premium, cif dup Turkey, \$/tonne	14 Dec 2021	270 - 280	0.92%	Nov 2021	283.33 - 296.67
MB-AL-0381	Aluminium low-carbon differential P1020A, Europe, \$/tonne	03 Dec 2021	0 - 10	0.00%	Nov 2021	0 - 10
MB-AL-0378	Aluminium P1020A premium, in-whs dp Rotterdam, inferred low-carbon midpoint, \$/tonne	24 Dec 2021	365	4.29%	Nov 2021	301.5
MB-AL-0377	Aluminium P1020A premium, in-whs dup Rotterdam, inferred low-carbon midpoint, \$/tonne	24 Dec 2021	295	7.27%	Nov 2021	245.52
MB-AL-0333	Aluminium P1020A warrant premium, in-whs Southeast Asia, \$/tonne	22 Dec 2021	40 - 60	0.00%	Nov 2021	50 - 80
MB-AL-0334	Aluminium P1020A, warrant premium, in-whs East Asia, \$/tonne	22 Dec 2021	40 - 65	0.00%	Nov 2021	50 - 80
MB-AL-0338	Aluminium P1020A warrant premium, in-whs US, \$/tonne	22 Dec 2021	115 - 125	0.00%	Nov 2021	115 - 125
MB-AL-0297	Aluminium 6063 extrusion billet premium, cif Thailand, \$/tonne	17 Dec 2021	465 - 485	0.00%	Nov 2021	465 - 485
MB-AL-0298	Aluminium 6063 extrusion quarterly billet premium, cif MJP, \$/tonne	15 Oct 2021	180 - 200	16.92%	Nov 2021	180 - 200
MB-AL-0302	Aluminium 6063 extrusion billet premium, ddp North Germany (Ruhr region), \$/tonne	24 Dec 2021	1470 - 1520	0.00%	Nov 2021	1450 - 1500
MB-AL-0300	Aluminium 6063 extrusion billet premium, ddp Italy (Brescia region), \$/tonne	24 Dec 2021	1470 - 1540	0.00%	Nov 2021	1470 - 1540
MB-AL-0299	Aluminium 6063 extrusion billet premium, ddp Spain, \$/tonne	17 Dec 2021	1430 - 1500	0.00%	Nov 2021	1430 - 1500
MB-AL-0002	Aluminium 6063 extrusion billet premium, in-whs dp Rotterdam, \$/tonne	24 Dec 2021	1430 - 1480	0.00%	Nov 2021	1410 - 1460
MB-AL-0296	Aluminium 6063 extrusion billet premium, cif Turkey (Marmara region), \$/tonne	17 Dec 2021	700 - 750	0.00%	Nov 2021	700 - 750
MB-AL-0052	Aluminum 6063 extrusion billet premium, delivered Midwest US, US cents/lb	17 Dec 2021	24 - 28	0.00%	Nov 2021	23 - 27



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0287	Aluminium 6063 & 6060 extrusion billet premium, cif Brazilian main ports, \$/tonne	17 Dec 2021	680 - 720	0.00%	Nov 2021	680 - 720
MB-AL-0382	Aluminium low-carbon differential value-added product, Europe, \$/tonne	03 Dec 2021	20 - 30	0.00%	Nov 2021	20 - 30
MB-AL-0379	Aluminium 6063 extrusion billet premium, ddp Italy (Brescia region), inferred low-carbon midpoint, \$/tonne	24 Dec 2021	1530	0.00%	Nov 2021	1530
MB-AL-0380	Aluminium 6063 extrusion billet premium, ddp North Germany (Ruhr region), inferred low-carbon midpoint, \$/tonne	24 Dec 2021	1520	0.00%	Nov 2021	1500
MB-AL-0341	Aluminium primary foundry alloy silicon 7 ingot premium, cif dup over P1020A Turkey, \$/tonne	10 Dec 2021	500 - 600	23.60%	Nov 2021	400 - 490
MB-AL-0349	Aluminium primary foundry alloy silicon 7 ingot annual premium, cif MJP, \$/tonne	15 Jan 2021	100 - 120	-15.38%	Nov 2021	100 - 120
MB-AL-0348	Aluminium primary foundry alloy silicon 7 ingot annual premium, cif main South Korean ports, \$/tonne	15 Jan 2021	90 - 120	0.00%	Nov 2021	90 - 120
MB-AL-0342	Aluminium primary foundry alloy silicon 7 ingot /T-bar premium, dlvd dup over P1020A Midwest US, US cents/lb	10 Dec 2021	11 - 13	0.00%	Nov 2021	11 - 13
MB-AL-0340	Aluminium primary foundry alloy silicon 7 ingot premium, ddp Eastern Europe, \$/tonne	10 Dec 2021	750 - 850	-5.88%	Nov 2021	800 - 900
MB-AL-0339	Aluminium primary foundry alloy silicon 7 ingot premium, ddp Germany, \$/tonne	10 Dec 2021	750 - 850	-5.88%	Nov 2021	800 - 900
MB-AL-0045	Aluminum 6061 alloyed ingot, US cents/lb	01 Dec 2021	1.61 - 1.69	-10.33%	Nov 2021	1.81 - 1.87
MB-AL-0046	Aluminum 6063 alloyed ingot, US cents/lb	01 Dec 2021	1.69 - 1.77	-9.90%	Nov 2021	1.89 - 1.95
MB-AL-0277	Aluminum alloy C355.2 ingot, delivered, \$/lb	27 Dec 2021	1.94	0.00%	Nov 2021	1.79
MB-AL-0289	Aluminium import arbitrage, \$/tonne	24 Dec 2021	(171.97)		Nov 2021	(182.95)
MB-AL-0290	Aluminium import arbitrage, yuan/tonne	24 Dec 2021	(1097.67)		Nov 2021	(1171.18)
MB-AL-0256	Aluminium fixing price for LME trade, rand/tonne	24 Dec 2021	44542.44	0.57%	Nov 2021	40981.42

Metallurgical bauxite & alumina prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ALU-0010	Alumina index inferred, fob Brazil, \$/dmt	24 Dec 2021	355	-0.39%	Nov 2021	437.75
MB-ALU-0003	Alumina index adjustment to fob Australia index, Brazil, \$/dmt	16 Dec 2021	11.67	-39.03%	Nov 2021	30.14
MB-ALU-0002	Alumina index, fob Australia, \$/tonne	24 Dec 2021	343.33	-0.41%	Nov 2021	406.8
MB-ALU-0001	Alumina metallurgical grade, exw China, yuan/tonne	23 Dec 2021	2750 - 2850	-3.45%	Nov 2021	3400 - 3625
MB-BX-0015	Bauxite, fob Trombetas, Brazil, \$/dmt	16 Dec 2021	32	0.00%	Nov 2021	32
MB-BX-0014	Bauxite, fob Kamsar, Guinea, \$/dmt	16 Dec 2021	27	0.00%	Nov 2021	27

Copper prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0412	Copper EQ cathode premium, cif Shanghai, \$/tonne	14 Dec 2021	15 - 30	12.50%	Nov 2021	16.67 - 33.33
MB-CU-0411	Copper EQ cathode premium, cif Europe, \$/tonne	14 Dec 2021	20 - 30	-23.08%	Nov 2021	20 - 45
MB-CU-0369	Copper grade A cathode premium, cif Rotterdam, \$/tonne	14 Dec 2021	45 - 55	0.00%	Nov 2021	48.33 - 58.33
MB-CU-0372	Copper grade A cathode premium, delivered Germany, \$/tonne	14 Dec 2021	80 - 90	0.00%	Nov 2021	80 - 96.67
MB-CU-0406	Copper grade A cathode premium, cif Leghorn, \$/tonne	14 Dec 2021	75 - 90	0.00%	Nov 2021	76.67 - 88.33



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0380	Copper grade A cathode ER premium, cif Shanghai, \$/tonne	24 Dec 2021	83 - 93	0.00%	Nov 2021	89.41 - 97.95
MB-CU-0383	Copper grade A cathode ER premium, bonded in-whs Shanghai, \$/tonne	24 Dec 2021	96 - 103	0.00%	Nov 2021	95.82 - 104.36
MB-CU-0403	Copper grade A cathode premium, cif Shanghai, \$/tonne	24 Dec 2021	70 - 93	0.00%	Nov 2021	82 - 97.95
MB-CU-0405	Copper grade A cathode premium, in-whs Shanghai, \$/tonne	24 Dec 2021	86 - 103	0.00%	Nov 2021	87.23 - 104.36
MB-CU-0384	Copper grade A cathode SX-EW premium, cif Shanghai, \$/tonne	24 Dec 2021	70 - 78	0.00%	Nov 2021	82 - 87.64
MB-CU-0382	Copper grade A cathode SX-EW premium, bonded in-whs Shanghai, \$/tonne	24 Dec 2021	86 - 93	0.00%	Nov 2021	87.23 - 94.27
MB-CU-0399	Copper grade A cathode premium, cif Southeast Asia, \$/tonne	21 Dec 2021	80 - 90	0.00%	Nov 2021	80 - 90
MB-CU-0386	Copper grade A cathode premium, cif Taiwan, \$/tonne	14 Dec 2021	75 - 90	3.13%	Nov 2021	71.67 - 85
MB-CU-0404	Copper grade A cathode premium, cif South Korea, \$/tonne	14 Dec 2021	75 - 85	0.00%	Nov 2021	75 - 85
MB-CU-0310	Copper grade 1 cathode premium, ddp Midwest US, \$/tonne	21 Dec 2021	176.37 - 220.46	0.00%	Nov 2021	
MB-CU-0002	Copper grade 1 cathode premium, ddp Midwest US, US cents/lb	21 Dec 2021	8 - 10	0.00%	Nov 2021	8 - 9.2
MB-CU-0309	Copper grade 1 cathode all-in price, ddp Midwest US, US cents/lb	27 Dec 2021	454.5 - 456.5	1.74%	Nov 2021	445 - 446.05
MB-CU-0400	Copper grade A cathode warrant premium, in-whs North Europe, \$/tonne	22 Dec 2021	5 - 10	0.00%	Nov 2021	5 - 10
MB-CU-0401	Copper grade A cathode warrant premium, in-whs South Europe, \$/tonne	22 Dec 2021	15 - 25	0.00%	Nov 2021	15 - 25
MB-CU-0397	Copper grade A cathode warrant premium, in-whs Southeast Asia, \$/tonne	22 Dec 2021	15 - 25	33.33%	Nov 2021	20 - 32.5
MB-CU-0398	Copper grade A cathode warrant premium, in-whs East Asia \$/tonne	22 Dec 2021	10 - 20	-25.00%	Nov 2021	20 - 32.5
MB-CU-0377	Copper grade A cathode warrant premium, in-whs US, \$/tonne	22 Dec 2021	10 - 25	0.00%	Nov 2021	17.5 - 25
MB-CU-0336	Copper Aurubis grade A cathode annual premium, exw Europe, \$/tonne	16 Jan 2019	96	11.63%	Nov 2021	
MB-CU-0410	Copper rod premium, ddp Midwest US, US cents/lb	02 Dec 2021	21 - 23	0.00%	Nov 2021	21 - 23
MB-CU-0361	Copper import arbitrage, \$/tonne	24 Dec 2021	(58.51)		Nov 2021	151.34
MB-CU-0362	Copper import arbitrage, yuan/tonne	24 Dec 2021	(373.5)		Nov 2021	968.86
MB-CU-0338	Copper fixing price for LME trade, rand/tonne	24 Dec 2021	149861.52	-0.74%	Nov 2021	151570.52
MB-CU-0321	Copper Republican copper price for Palabora 7.90mm South Africa Rand per tonne	30 Nov 2021	151699.21	4.46%	Nov 2021	

Copper concentrate & copper blister prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0287	Copper concentrates TC index, cif Asia Pacific, \$/tonne	24 Dec 2021	55.9	0.00%	Nov 2021	57.48
MB-CU-0288	Copper concentrates RC index, cif Asia Pacific, US cents/lb	24 Dec 2021	5.59	0.00%	Nov 2021	5.75
MB-CU-0422	Copper concentrates counterparty spread, \$/tonne	01 Dec 2021	10.45	-11.44%	Nov 2021	11.8
MB-CU-0423	Copper Concentrates Co-VIU, \$/tonne	01 Dec 2021	0.28		Nov 2021	(0.1)
MB-CU-0508	Copper concentrates TC implied smelters purchase, cif Asia Pacific, \$/tonne	24 Dec 2021	61.13	0.00%	Nov 2021	63.38
MB-CU-0510	Copper concentrates RC implied smelters purchase, cif Asia Pacific, cents/lb	24 Dec 2021	6.11	0.00%	Nov 2021	6.34
MB-CU-0509	Copper concentrates TC implied traders purchase, cif Asia Pacific, \$/tonne	24 Dec 2021	50.68	0.00%	Nov 2021	51.58

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0511	Copper concentrates RC implied traders purchase, cif Asia Pacific, cents/lb	24 Dec 2021	5.07	0.00%	Nov 2021	5.16
MB-CU-0408	Copper blister 98-99% RC spot, cif China, \$/tonne	30 Nov 2021	150 - 170	0.00%	Nov 2021	150 - 170
MB-CU-0409	Copper blister 98-99% RC annual benchmark, cif China, \$/tonne	22 Jan 2021	140 - 150	12.40%	Nov 2021	140 - 150

Nickel prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0241	Nickel briquette premium, delivered Midwest US, US cents/lb	21 Dec 2021	65 - 90	0.00%	Nov 2021	62 - 84
MB-NI-0242	Nickel 4x4 cathode all-in price, delivered Midwest US, US cents/lb	27 Dec 2021	969.97 - 979.97	0.00%	Nov 2021	955.21 - 961.71
MB-NI-0243	Nickel briquette all-in price, delivered Midwest US, US cents/lb	27 Dec 2021	979.97 - 1004.97	0.00%	Nov 2021	962.21 - 982.71
MB-NI-0240	Nickel 4x4 cathode premium, delivered Midwest US, US cents/lb	21 Dec 2021	55 - 65	0.00%	Nov 2021	54 - 60
MB-NI-0245	Nickel min 99.8% briquette premium, cif Shanghai, \$/tonne	30 Nov 2021	300 - 400	27.27%	Nov 2021	300 - 400
MB-NI-0142	Nickel min 99.8% full plate premium, cif Shanghai, \$/tonne	21 Dec 2021	300 - 330	0.00%	Nov 2021	324 - 354
MB-NI-0143	Nickel min 99.8% full plate premium, in-whs Shanghai, \$/tonne	21 Dec 2021	320 - 350	0.00%	Nov 2021	340 - 362
MB-NI-0001	Nickel 4x4 cathode premium, in-whs Rotterdam, \$/tonne	21 Dec 2021	220 - 290	0.00%	Nov 2021	189 - 248
MB-NI-0002	Nickel briquette premium, in-whs Rotterdam, \$/tonne	21 Dec 2021	150 - 170	0.00%	Nov 2021	146 - 166
MB-NI-0003	Nickel uncut cathode premium, in-whs Rotterdam, \$/tonne	21 Dec 2021	70 - 90	0.00%	Nov 2021	58 - 81
MB-NI-0139	Nickel min 99.8% full plate warrant premium, in-whs East Asia, \$/tonne	22 Dec 2021	30 - 45	0.00%	Nov 2021	30 - 40
MB-NI-0137	Nickel min 99.8% full plate warrant premium, in-whs Southeast Asia, \$/tonne	22 Dec 2021	30 - 45	0.00%	Nov 2021	30 - 45
MB-NI-0140	Nickel min 99.8% briquette warrant premium, in-whs East Asia, \$/tonne	22 Dec 2021	50 - 60	0.00%	Nov 2021	45 - 57.5
MB-NI-0138	Nickel min 99.8% briquette warrant premium, in-whs Southeast Asia, \$/tonne	22 Dec 2021	50 - 60	0.00%	Nov 2021	43.75 - 57.5
MB-NI-0141	Nickel min 99.8% warrant premium, in-whs North Europe, \$/tonne	22 Dec 2021	50 - 175	9.76%	Nov 2021	52.5 - 130
MB-NI-0244	Nickel sulfate min 21%, max 22.5%; cobalt 10ppm max, exw China, yuan/tonne	24 Dec 2021	34000 - 35000	-0.72%	Nov 2021	35250 - 36000
MB-NI-0246	Nickel sulfate, cif China, Japan and Korea, \$/tonne	01 Dec 2021	4964	1.58%	Nov 2021	4887
MB-NI-0247	Nickel sulfate premium, cif China, Japan and Korea, \$/tonne	01 Dec 2021	2300	-8.00%	Nov 2021	2500
MB-NI-0107	Nickel import arbitrage, yuan/tonne	24 Dec 2021	2009.85	-17.55%	Nov 2021	189.25
MB-NI-0106	Nickel import arbitrage, \$/tonne	24 Dec 2021	314.88	-17.53%	Nov 2021	29.61
MB-NI-0093	Nickel fixing price for LME trade, rand/tonne	24 Dec 2021	317411.77	0.08%	Nov 2021	310420.58

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	24 Dec 2021	115 - 118	-2.92%	Nov 2021	118 - 122
MB-NIO-0002	Laterite ore with 1.5% Ni content, cif China, \$/tonne	24 Dec 2021	81 - 83	0.00%	Nov 2021	81 - 83

Lead prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0108	Lead 99.99% ingot premium, cif Southeast Asia, \$/tonne	07 Dec 2021	125 - 145	-1.82%	Nov 2021	125 - 150
MB-PB-0107	Lead 99.97% ingot premium, cif Southeast Asia, \$/tonne	07 Dec 2021	80 - 110	0.00%	Nov 2021	80 - 110
MB-PB-0084	Lead 99.97% ingot premium, cif Taiwan, \$/tonne	14 Dec 2021	100 - 115	0.00%	Nov 2021	100 - 115
MB-PB-0083	Lead 99.99% ingot premium, cif Taiwan, \$/tonne	14 Dec 2021	135 - 145	7.69%	Nov 2021	125 - 135
MB-PB-0087	Lead 99.97% ingot premium, cif India, \$/tonne	21 Dec 2021	50 - 130	0.00%	Nov 2021	70 - 135
MB-PB-0086	Lead 99.99% ingot premium, cif India, \$/tonne	21 Dec 2021	140 - 150	0.00%	Nov 2021	140 - 150
MB-PB-0099	Lead 99.99% ingot premium, delivered Midwest US, US cents/lb	21 Dec 2021	19 - 22	13.89%	Nov 2021	17 - 19
MB-PB-0006	Lead 99.97% ingot premium, ddp Midwest US, US cents/lb	21 Dec 2021	17 - 20	12.12%	Nov 2021	15 - 18
MB-PB-0056	Lead 99.97% ingot all-in price, ddp Midwest US, US cents/lb	27 Dec 2021	121.76 - 124.76	0.00%	Nov 2021	121.56 - 124.56
MB-PB-0109	Lead 99.97% ingot warrant premium, in-whs North Europe, \$/tonne	22 Dec 2021	30 - 50	14.29%	Nov 2021	12.5 - 32.5
MB-PB-0110	Lead 99.97% ingot warrant premium, in-whs South Europe, \$/tonne	22 Dec 2021	30 - 50	60.00%	Nov 2021	20 - 32.5
MB-PB-0106	Lead min 99.97% ingot warrant premium, in-whs East Asia \$/tonne	22 Dec 2021	5 - 20	0.00%	Nov 2021	5 - 20
MB-PB-0105	Lead min 99.97% ingot warrant premium, in-whs Southeast Asia \$/tonne	22 Dec 2021	5 - 20	0.00%	Nov 2021	5 - 20
MB-PB-0097	Lead 99.97% ingot warrant premium, in-whs US, \$/tonne	22 Dec 2021	20 - 30	0.00%	Nov 2021	20 - 30
MB-PB-0064	Lead fixing price for LME trade, rand/tonne	24 Dec 2021	36112.53	-0.62%	Nov 2021	36381.58

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%	Nov 2021	98
MB-PB-0100	Lead concentrate TC, low silver, annual benchmark, \$/tonne	15 Mar 2018	99	-28.26%	Nov 2021	99
MB-PB-0103	Lead spot concentrate TC, low silver, cif China, \$/tonne	26 Nov 2021	55 - 75	4.00%	Nov 2021	55 - 75
MB-PB-0104	Lead spot concentrate TC, high silver, cif China, \$/tonne	26 Nov 2021	50 - 70	-4.00%	Nov 2021	50 - 70

Tin prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SN-0029	Tin 99.9% low lead ingot premium, in-whs Rotterdam, \$/tonne	14 Dec 2021	1500 - 2000	0.00%	Nov 2021	1500 - 2000
MB-SN-0002	Tin 99.9% ingot premium, in-whs Rotterdam, \$ per tonne	14 Dec 2021	1100 - 1400	0.00%	Nov 2021	1133.33 - 1433.33
MB-SN-0036	Tin 99.85% ingot premium, in-whs Baltimore, \$/tonne	14 Dec 2021	1900 - 2200	-12.77%	Nov 2021	2100 - 2950
MB-SN-0038	Tin 99.9% ingot premium, cif Taiwan, \$/tonne	14 Dec 2021	300 - 400	0.00%	Nov 2021	316.67 - 416.67
MB-SN-0012	Tin grade A min 99.85% ingot all-in price, ddp Midwest US, \$/tonne	27 Dec 2021	41780 - 42180	0.00%	Nov 2021	41514.5 - 42469.5
MB-SN-0011	Tin grade A min 99.85% ingot premium, ddp Midwest US, \$/tonne	14 Dec 2021	2100 - 2500	-9.80%	Nov 2021	2291.67 - 3141.67
MB-SN-0042	Tin min 99.85% ingot warrant premium, in-whs South East Asia, \$/tonne	22 Dec 2021	50 - 150	0.00%	Nov 2021	50 - 150
MB-SN-0005	Tin rand fixing price for LME trade, rand/tonne	24 Dec 2021	623250.02	-0.09%	Nov 2021	611702.48

Zinc prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0115	Zinc SHG 99.995% ingot premium, fca Malaysia, \$/per tonne	14 Dec 2021	140 - 150	0.00%	Nov 2021	133.33 - 143.33



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0113	Zinc SHG 99.995% ingot premium, fca Singapore, \$/per tonne	14 Dec 2021	140 - 150	0.00%	Nov 2021	133.33 - 143.33
MB-ZN-0093	Zinc SHG min 99.995% ingot premium, cif Southeast Asia, \$/tonne	14 Dec 2021	145 - 160	1.67%	Nov 2021	135 - 148.33
MB-ZN-0116	Zinc SHG 99.995% ingot premium, cif Taiwan \$/tonne	14 Dec 2021	150 - 160	0.00%	Nov 2021	140 - 150
MB-ZN-0119	Zinc min 99.995% ingot premium, in-whs Shanghai, \$/tonne	21 Dec 2021	80 - 90	0.00%	Nov 2021	70 - 86
MB-ZN-0106	Zinc SHG min 99.995% ingot premium, cif Shanghai, \$/per tonne	21 Dec 2021	80 - 90	0.00%	Nov 2021	70 - 86
MB-ZN-0102	Zinc SHG min 99.995% ingot premium, ddp Italy, \$/per tonne	14 Dec 2021	380 - 420	-5.88%	Nov 2021	320 - 366.67
MB-ZN-0103	Zinc SHG min 99.995% ingot premium, fca dp Italy, \$/tonne	14 Dec 2021	350 - 380	-2.67%	Nov 2021	280 - 316.67
MB-ZN-0099	Zinc SHG min 99.995% ingot premium, dp fca Antwerp, \$/tonne	21 Dec 2021	270 - 300	7.55%	Nov 2021	226 - 260
MB-ZN-0001	Zinc SHG min 99.995% ingot premium, dp fca Rotterdam, \$/tonne	21 Dec 2021	270 - 300	7.55%	Nov 2021	226 - 260
MB-ZN-0082	Zinc SHG min 99.995% ingot premium monthly average, delivered UK, £/tonne	01 Dec 2021	2648	-2.72%	Nov 2021	2722
MB-ZN-0005	Zinc SHG min 99.995% ingot premium, ddp Midwest US, US cents/lb	21 Dec 2021	15 - 19	0.00%	Nov 2021	13.2 - 16
MB-ZN-0061	Zinc SHG min 99.995% ingot all-in price, ddp Midwest US, US cents/lb	27 Dec 2021	176.84 - 180.84	0.00%	Nov 2021	163 - 165.5
MB-ZN-0104	Zinc SHG min 99.995% warrant premium, in-whs US, \$/per tonne	22 Dec 2021	10 - 15	0.00%	Nov 2021	10 - 15
MB-ZN-0117	Zinc SHG min 99.995% warrant premium, in-whs North Europe, \$/tonne	22 Dec 2021	80 - 100	0.00%	Nov 2021	80 - 100
MB-ZN-0123	Zinc SHG min 99.995% warrant premium, in-whs Southeast Asia, \$/tonne	22 Dec 2021	10 - 20	0.00%	Nov 2021	10 - 20
MB-ZN-0083	Zinc import arbitrage, \$/tonne	24 Dec 2021	(324.46)		Nov 2021	(211.23)
MB-ZN-0084	Zinc import arbitrage, yuan/tonne	24 Dec 2021	(2071)		Nov 2021	(1352.55)
MB-ZN-0072	Zinc rand fixing price for LME trade, rand/tonne	24 Dec 2021	56006.48	-0.16%	Nov 2021	51447.66

Zinc concentrate & zinc alloy prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0121	Zinc concentrate TC spot, delivered South China, yuan/tonne	26 Nov 2021	3800 - 4000	-3.70%	Nov 2021	3800 - 4000
MB-ZN-0120	Zinc concentrate TC spot, delivered North China, yuan/tonne	26 Nov 2021	4000 - 4200	-2.38%	Nov 2021	4000 - 4200
MB-ZN-0110	Zinc spot concentrate TC, cif China, \$/per tonne	10 Dec 2021	70 - 95	3.13%	Nov 2021	72.5 - 89
MB-ZN-0111	Zinc concentrate TC annual benchmark, cif China, \$/per tonne	24 Jul 2019	245	66.67%	Nov 2021	245

Manganese ore & alloys

Source: dashboard.fastmarkets.com/m/d73a1ad8-bcee-4a7e-911a-5c69669337c7

Top stories

Manganese ore markets soften despite slight liquidity

By Jon Stibbs, Siyi Liu - Monday 27 December

Activity in the seaborne manganese ore markets was largely on hold in the week ending Friday December 24 ahead of the Christmas holiday, while prices dipped again on soft sentiment due adequate supply and uncertain demand outlook.

Low-grade market nudges downward

Fastmarkets' [manganese ore index 37% Mn, cif Tianjin](#) was at \$4.51 per dry metric tonne unit (dmtu) on Friday December 24, down by \$0.02 per dmtu (0.44%) from \$4.53 per dmtu a week earlier.

There was little activity, while some buyers showed increased interest for seaborne prices to fall given the expected rising supply from January onward.

"I expect increased shipments from South Africa will mean the rate of the fall in inventories will slow," a South African producer said.

Fastmarkets' weekly assessment of [manganese ore inventories at the main Chinese ports of Tianjin and Qinzhou](#) ticked up by 0.78% to 5.14-5.26 million tonnes on Monday December 27, from 5.11-5.21 million tonnes the previous week.

This was the first time the assessment has increase since mid-November. It had dropped by 9.88% over the previous five weeks.

The lower stocks have lent some support to port markets, where deal prices were mostly unchanged but sellers attempted to quote higher offers.

Fastmarkets' calculation of the [manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin, China](#) nudged down by 0.10 yuan per dmtu (0.29%) to 34 yuan (\$5.34) per dmtu last Friday.

"The [port] market has bottomed out after suppliers with financial pressure

destocked in the previous weeks, but it's unknown if we'll see any sustainable gains in the near futures," a trader at the Port of Tianjin said.

Weak demand from downstream steel sector has weakened sentiment in the fourth quarter. Nevertheless, a turning point might emerge when the market moves into 2022, participants said.

"I expect steel production in January to be stronger and hopefully mills will start their tenders soon. I have heard it will probably be next week, which may bring some confidence into the ore market," a South African second producer said.

Therefore, most participants were looking to the start of 2022 for an indication of the future direction of the market.

"It all depends on demand - it looks like [steel production is also going to be higher than November](#)," the second producer said.

High-grade market ticks down

The market for higher grade manganese ore also ticked down to settle at its lowest level since October 8, when it was \$5.35 per dmtu.

Fastmarkets' index for [manganese ore 44% Mn, cif Tianjin](#) was \$5.44 per dmtu on Friday, down by \$0.02 per dmtu (0.37%) from \$5.46 per dmtu on December 17.

"The rebound [after steel production comes up] is getting closer but the short-term outlook is stable," a third producer said.

Amid an absence of trading activity, the movement in the seaborne market was a reflection of the downtrend in port markets.

The [manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin, China](#) dipped by 0.10 yuan per dmtu (0.24%) to 42 yuan per dmtu on December 24, the ninth consecutive decline since October 22.

"Unlike semi-carbonate where sellers sell at loss, there is still room for profits for high-grade," a second trade at Port of Tianjin said. "Hence we might see some suppliers willing to lower prices further to attract demand."

Weekly ore indices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MNO-0002	Manganese ore 37% Mn, fob Port Elizabeth, \$/dmtu	24 Dec 2021	3.19	-0.31%	Nov 2021	3.47
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, \$/dmtu	24 Dec 2021	5.44	-0.37%	Nov 2021	5.66
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, \$/dmtu	24 Dec 2021	4.51	-0.44%	Nov 2021	4.79
MB-MNO-0004	Manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin China, yuan/dmtu	24 Dec 2021	34	-0.29%	Nov 2021	34.53
MB-MNO-0005	Manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin China, yuan/dmtu	24 Dec 2021	42	-0.24%	Nov 2021	43.65

Silico-manganese prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SIM-0001	Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	24 Dec 2021	7600 - 7900	0.65%	Nov 2021	8550 - 8950
MB-SIM-0004	Silico-manganese 65% Mn min, min 16% Si, fob India, \$/tonne	24 Dec 2021	1425 - 1475	0.00%	Nov 2021	1631.25 - 1725
MB-SIM-0002	Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	24 Dec 2021	1600 - 1700	0.00%	Nov 2021	1812.5 - 1975
MB-SIM-0005	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, \$/lb	23 Dec 2021	1.2 - 1.25	0.00%	Nov 2021	
MB-SIM-0003	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, US cents/lb	23 Dec 2021	120 - 125	0.00%	Nov 2021	120 - 125

Ferro-manganese prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEM-0007	Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	24 Dec 2021	6800 - 6900	0.00%	Nov 2021	8475 - 8675
MB-FEM-0006	Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	24 Dec 2021	1650 - 1750	0.00%	Nov 2021	1825 - 1975
MB-FEM-0002	Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	23 Dec 2021	315 - 320	0.00%	Nov 2021	315 - 320
MB-FEM-0004	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, \$/lb	23 Dec 2021	2.55 - 2.6	0.00%	Nov 2021	
MB-FEM-0003	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, US cents/lb	23 Dec 2021	255 - 260	0.00%	Nov 2021	225 - 230
MB-FEM-0001	Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, \$/long ton	23 Dec 2021	2600 - 2650	0.00%	Nov 2021	2600 - 2650

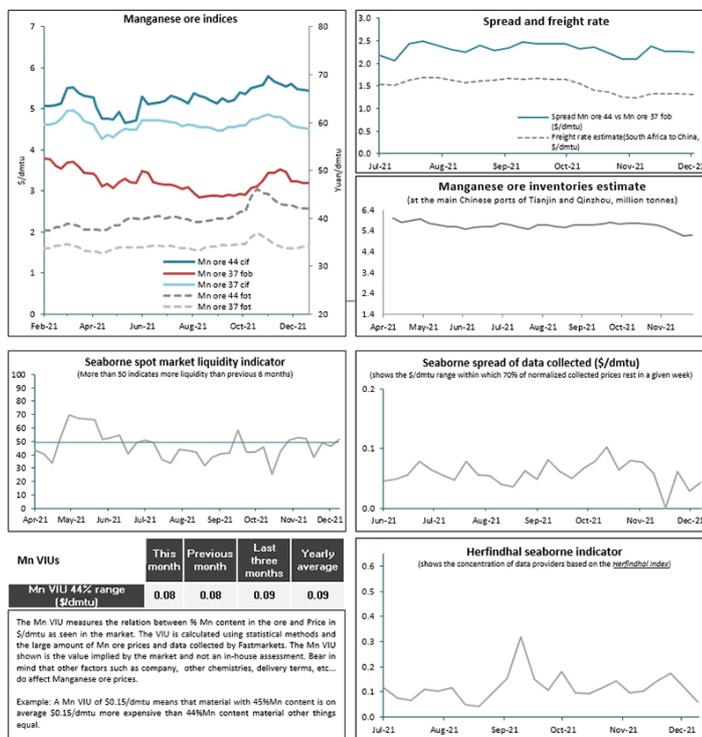
Manganese ore news

Manganese ore analytics for the week to December 27, 2021

By Jon Stibbs, Siyi Liu - Monday 27 December

The latest data for the global manganese ore market for the week ended December 27, 2021.

INDICES	Code	Incoterm	Measure	Latest price	Previous price	Weekly change	Monthly average	Previous month	Quarterly average	Previous quarter
Manganese ore 44% cif	MB-MNO-0001	cif Tianjin	\$/dmtu (weekly)	5.44	5.46	-0.02	5.50	5.66	5.54	5.24
Manganese ore 37% cif	MB-MNO-0003	cif Tianjin	\$/dmtu (weekly)	4.51	4.53	-0.02	4.55	4.79	4.68	4.58
Manganese ore 37% fob	MB-MNO-0002	fob Port Elizabeth	\$/dmtu (weekly)	3.19	3.20	-0.01	3.22	3.47	3.23	2.97
Manganese ore 44% fot	MB-MNO-0005	fot Tianjin	yuan/dmtu (weekly)	42.0	42.1	-0.1	42.3	43.7	43.2	39.9
Manganese ore 37% fot	MB-MNO-0004	fot Tianjin	yuan/dmtu (weekly)	34.0	34.1	-0.1	33.9	34.5	34.8	34.0



Iron ore markets

Source: dashboard.fastmarkets.com/m/74f0932b-34c8-430d-a2b6-2402986448e2

News

Iron ore prices down amid weak steel market

By Alice Li - Monday 27 December

Seaborne iron ore prices trended lower on Monday December 27, with steel prices continuing to fall after more mills gradually resumed production this month, market sources told Fastmarkets.

Fastmarkets iron ore indices

62% Fe fines, cfr Qingdao: \$123.18 per tonne, down \$3.40 per tonne

62% Fe low-alumina fines, cfr Qingdao: \$123.33 per tonne, down \$3.68 per tonne

58% Fe fines high-grade premium, cfr Qingdao: \$92.77 per tonne, down \$4.76 per tonne

65% Fe Brazil-origin fines, cfr Qingdao: \$140.50 per tonne, down \$5.00 per tonne

63% Fe Australia-origin lump ore premium, cfr Qingdao: \$0.15 per dry metric tonne unit (dmtu), down \$0.01 per dmtu

62% Fe fines, fot Qingdao: 817 yuan per wet metric tonne (**implied 62% Fe China port price:** \$118.41 per dry tonne), down by 17 yuan per wmt

Key drivers

The most-traded May iron ore futures contract on the Dalian Commodity Exchange inched down through the day. It ended the day down by 4% from the closing price of 713.50 yuan (\$112) per tonne on Friday December 24.

The iron ore forward-month swap contracts on the Singapore Exchange climbed. By 5:57 pm Singapore time, the most-traded January contract was up by \$4.83 per tonne compared with Friday's settlement price of \$127.43 per tonne.

The iron ore futures market on the Dalian Commodity Exchange dropped further from Friday night following weak steel prices in both the futures market and physical market in northern China.

More steel mills, except those that are under emissions-related production curbs in Hebei province from November this year to March 2022, have resumed production gradually after meeting the target for keeping crude steel output in line, a Shanghai-based trader source said.

Steel production may rise this week amid increasing profits margins, which would also drag steel prices down due to current low demand, the source added.

A trader source from Shandong noted that offers for Pilbara Blend fines and Super Special fines only inched down slightly due to traders' limited available resources, but overall, transactions decreased from Friday.

Some steel mills with low stocks at factories will likely procure iron ore at China's ports on a demand basis this week after resuming operations as well as for production during the New Year Festival January 1-3, the same source added.

A mill source from Hebei province said mills' preference on iron ore brands or the charging ratio with lump and pellet ore in blast furnaces has stayed largely stable, and speculative trading houses were the only major buyers for lump at ports.

Quote of the day

"The downtrend in iron ore and steel futures may be because of panic on limited room for prices to keep increasing, while the physical demand for steel products - to resell them after Chinese Lunar New Year in February - remained weak due to high prices," a Hebei-based analyst said.

Trades/offers/bids heard in the market

Rio Tinto, Globalore, 170,000 tonnes of 62% Fe Pilbara Blend fines, traded at \$122.30 per tonne cfr China, laycan January 26-February 4.

Market participant indications

Fastmarkets index for iron ore 62% Fe fines

Brazilian Blend fines: \$121-124 per tonne cfr China
Newman fines: \$120.00-121.41 per tonne cfr China
Mac fines: \$113.46-114.21 per tonne cfr China
Jimblebar fines: \$98.66-104.02 per tonne cfr China

Fastmarkets index for iron ore 65% Fe Brazil-origin fines

Iron Ore Carajas: \$132.00-145.60 per tonne cfr China

Port prices

Pilbara Blend fines were traded at 798-810 yuan per wmt in Shandong province and Tangshan city on Monday compared with 815-845 yuan per wmt on Friday.

The latest range is equivalent to about \$116-117 per tonne in the seaborne market.

Dalian Commodity Exchange

The most-traded May iron ore futures contract closed at 683 yuan (\$107) per tonne on Monday, down by 30.50 yuan per tonne from Friday's closing price.

Alex Theo in Singapore contributed to this report.

Daily indices price table

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0009	Iron ore 65% Fe Brazil-origin fines, cfr Qingdao, \$/tonne	27 Dec 2021	140.5	-3.44%	Nov 2021	110.92
MB-IRO-0144	Iron ore 62% Fe low-alumina fines, cfr Qingdao, \$/tonne	27 Dec 2021	123.33	-2.90%	Nov 2021	96.26

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0008	Iron ore 62% Fe fines, cfr Qingdao, \$/tonne	27 Dec 2021	123.18	-2.69%	Nov 2021	95.32
MB-IRO-0017	Iron ore 58% Fe fines high-grade premium index, cfr Qingdao, \$/tonne	27 Dec 2021	92.77	-4.88%	Nov 2021	68.05
MB-IRO-0016	Iron ore 58% Fe fines high-grade premium, cfr Qingdao, \$/tonne	27 Dec 2021	20.5	-8.89%	Nov 2021	8.62
MB-IRO-0015	Iron ore 58% Fe fines, cfr Qingdao, \$/tonne	27 Dec 2021	72.27	-3.68%	Nov 2021	59.43
MB-IRO-0010	Iron ore 63% Fe Australia-origin lump ore premium, cfr Qingdao, US cents/dmtu	27 Dec 2021	15	-6.25%	Nov 2021	14.1
MB-IRO-0022	Iron ore 62% Fe fines, fot Qingdao, \$/tonne conversion	27 Dec 2021	118.41	-2.03%	Nov 2021	93.49
MB-IRO-0011	Iron ore 62% Fe fines, fot Qingdao, yuan/wet tonne	27 Dec 2021	817	-2.04%	Nov 2021	653.1
MB-IRO-0076	Iron ore product differential - 62% Fe Pilbara Blend Fines, cfr Qingdao, \$/tonne	27 Dec 2021	(0.88)		Nov 2021	(1.2)
MB-IRO-0114	Iron ore 62% Fe Pilbara blend fines, cfr Qingdao, \$/tonne	27 Dec 2021	122.3	-2.36%	Nov 2021	94.12

Weekly and monthly indices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0012	Iron ore 65% Fe blast furnace pellet, cfr Qingdao, \$/tonne	24 Dec 2021	200.24	8.31%	Nov 2021	165.99
MB-IRO-0013	Iron ore 66% Fe concentrate, cfr Qingdao, \$/tonne	24 Dec 2021	154.23	10.30%	Nov 2021	113.44
MB-IRO-0077	Iron ore DR-grade pellet premium to 65% Fe fines index, Middle East reference, \$/tonne	30 Nov 2021	50	0.00%	Nov 2021	50
MB-IRO-0177	Iron ore pellet premium over 65% Fe fines, cfr China, \$/tonne	24 Dec 2021	53.2	1.33%	Nov 2021	52.63

Weekly value-in-use indices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0021	Iron ore 62% Fe fines, % Al ₂ O ₃ VIU, cfr Qingdao, \$/tonne	27 Dec 2021	(6.53)		Nov 2021	(6.27)
MB-IRO-0018	Iron ore 62% Fe fines, % Fe VIU, cfr Qingdao, \$/tonne	27 Dec 2021	2.11	-0.94%	Nov 2021	1.9
MB-IRO-0020	Iron ore 62% Fe fines, % Si VIU, cfr Qingdao, \$/tonne	27 Dec 2021	(5.1)		Nov 2021	(4.97)
MB-IRO-0024	Iron ore 62% Fe fines, 0.01% P VIU, cfr Qingdao, \$/tonne	27 Dec 2021	(0.83)		Nov 2021	(0.85)
MB-IRO-0019	Iron ore 65% Fe fines, % Fe VIU, cfr Qingdao \$/tonne	27 Dec 2021	2.61	11.54%	Nov 2021	2.16

Ferro-alloy markets

Source: dashboard.fastmarkets.com/m/1746b0c9-25c5-4ffd-b531-bdec474d8481

Top stories

Manganese ore markets soften despite slight liquidity

By Jon Stibbs, Siyi Liu - Monday 27 December

Activity in the seaborne manganese ore markets was largely on hold in the week ending Friday December 24 ahead of the Christmas holiday, while prices dipped again on soft sentiment due adequate supply and uncertain demand outlook.

Low-grade market nudges downward

Fastmarkets' [manganese ore index 37% Mn, cif Tianjin](#) was at \$4.51 per dry metric tonne unit (dmtu) on Friday December 24, down by \$0.02 per dmtu (0.44%) from \$4.53 per dmtu a week earlier.

There was little activity, while some buyers showed increased interest for seaborne prices to fall given the expected rising supply from January onward.

"I expect increased shipments from South Africa will mean the rate of the fall in inventories will slow," a South African producer said.

Fastmarkets' weekly assessment of [manganese ore inventories at the main Chinese ports of Tianjin and Qinzhou](#) ticked up by 0.78% to 5.14-5.26 million tonnes on Monday December 27, from 5.11-5.21 million tonnes the previous week.

This was the first time the assessment has increase since mid-November. It had dropped by 9.88% over the previous five weeks.

The lower stocks have lent some support to port markets, where deal prices were mostly unchanged but sellers attempted to quote higher offers.

Fastmarkets' calculation of the [manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin, China](#) nudged down by 0.10 yuan per dmtu (0.29%) to 34 yuan (\$5.34) per dmtu last Friday.

"The [port] market has bottomed out after suppliers with financial pressure

destocked in the previous weeks, but it's unknown if we'll see any sustainable gains in the near futures," a trader at the Port of Tianjin said.

Weak demand from downstream steel sector has weakened sentiment in the fourth quarter. Nevertheless, a turning point might emerge when the market moves into 2022, participants said.

"I expect steel production in January to be stronger and hopefully mills will start their tenders soon. I have heard it will probably be next week, which may bring some confidence into the ore market," a South African second producer said.

Therefore, most participants were looking to the start of 2022 for an indication of the future direction of the market.

"It all depends on demand - it looks like [steel production is also going to be higher than November](#)," the second producer said.

High-grade market ticks down

The market for higher grade manganese ore also ticked down to settle at its lowest level since October 8, when it was \$5.35 per dmtu.

Fastmarkets' index for [manganese ore 44% Mn, cif Tianjin](#) was \$5.44 per dmtu on Friday, down by \$0.02 per dmtu (0.37%) from \$5.46 per dmtu on December 17.

"The rebound [after steel production comes up] is getting closer but the short-term outlook is stable," a third producer said.

Amid an absence of trading activity, the movement in the seaborne market was a reflection of the downtrend in port markets.

The [manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin, China](#) dipped by 0.10 yuan per dmtu (0.24%) to 42 yuan per dmtu on December 24, the ninth consecutive decline since October 22.

"Unlike semi-carbonate where sellers sell at loss, there is still room for profits for high-grade," a second trade at Port of Tianjin said. "Hence we might see some suppliers willing to lower prices further to attract demand."

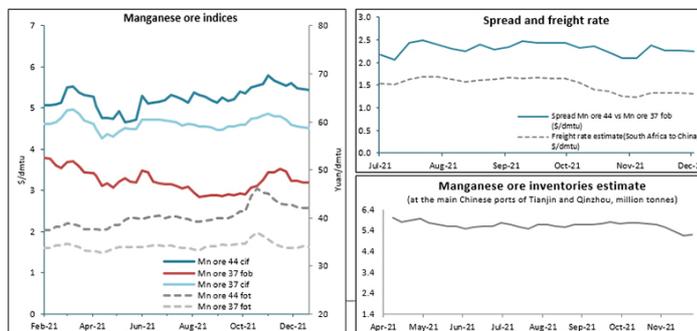
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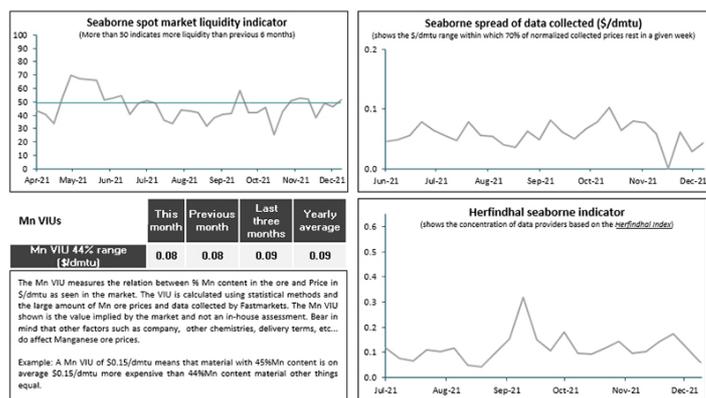
Manganese ore analytics for the week to December 27, 2021

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Manganese ore 44% cif	MB-MNO-0001	cif Tianjin	\$/dmtu (weekly)	5.44	5.46	-0.02	5.50	5.66	5.54	5.24
Manganese ore 37% cif	MB-MNO-0003	cif Tianjin	\$/dmtu (weekly)	4.51	4.53	-0.02	4.55	4.79	4.68	4.58
Manganese ore 37% fob	MB-MNO-0002	fob Port Elizabeth	\$/dmtu (weekly)	3.19	3.20	-0.01	3.22	3.47	3.23	2.97
Manganese ore 44% fot	MB-MNO-0005	fot Tianjin	yuan/dmtu (weekly)	42.0	42.1	-0.1	42.3	43.7	43.2	39.9
Manganese ore 37% fot	MB-MNO-0004	fot Tianjin	yuan/dmtu (weekly)	34.0	34.1	-0.1	33.9	34.5	34.8	34.0





Export prices for FeSi in China fall on weak demand, falling bids

By Chris Kavanagh, Jon Stibbs, Siyi Liu - Monday 27 December

Key data from Fastmarkets' pricing sessions in China, Europe and the United States on Friday December 24.

GLOBAL FERRO-SILICON PRICES			
	New price	Previous price	% Change
Ferro-silicon 75% Si min export, fob China, \$/tonne	2,050 -2,150	2,100 -2,200	▼ 2.3
Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	2,800 -3,300	2,800 -3,300	0
Ferro-silicon 75% Si min, in-whs China, yuan/tonne	9,300 -9,500	9,300 -9,500	0
Ferro-silicon 75% Si, in-whs Pittsburgh, \$/lb	3.30 -3.40	3.30 -3.40	0

Source: Fastmarkets

China

- Export prices softened on amid pervasive weakness in domestic downstream market as well as tepid overseas demand. Buyers, especially those with sufficient stock, gave lower bids.

- Freight rates from China to Japan have risen \$20 per tonne due to a shortage of containers in the past week, market participants said.
- Spot ferro-silicon prices were unchanged; a soft demand outlook overhangs in the market.
- There were concerns that environment-related production curbs might tighten supply of semi-coke, a raw material for ferro-silicon production.

United States

- The US ferro-silicon market remained stagnant with market participants out of the spot market for the Christmas holiday.

- Despite the inactivity, low inventories continued to prop up prices.
- Market participants expect prices to hold steady into the new year given the supply situation.

Europe

- European market was stable, with producers expecting the recent price decreases to have stalled.

- There may be more downward pressure in the new year if Asian markets do not recover, participants said.

Chrome ore

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CHO-0003	Chrome ore South Africa UG2/MG concentrates index, cif China, \$/tonne	21 Dec 2021	171	0.00%	Nov 2021	157.6
MB-CHO-0002	Chrome ore Turkish lumpy 40-42%, cfr main Chinese ports, \$/tonne	21 Dec 2021	300 - 310	3.39%	Nov 2021	280 - 300

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	23 Dec 2021	2.05 - 2.25	2.38%	Nov 2021	
MB-FEC-0004	Ferro-chrome high carbon 6-8.5% C, basis 60-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	21 Dec 2021	1.72 - 1.92	0.00%	Nov 2021	1.73 - 1.87
MB-FEC-0001	Ferro-chrome low phosphorous, min 65% Cr, max 0.015% P, delivered Europe, \$/lb	21 Dec 2021	1.77 - 1.99	0.00%	Nov 2021	1.79 - 1.97
MB-FEC-0017	Ferro-chrome high carbon 57-65% Cr, cif dup Japan, \$/lb	16 Dec 2021	1.19 - 1.21	-5.51%	Nov 2021	1.31 - 1.35
MB-FEC-0018	Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, \$/lb	16 Dec 2021	1.17 - 1.19	-4.84%	Nov 2021	1.29 - 1.33
MB-FEC-0021	Ferro-chrome high carbon 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	21 Dec 2021	1.72 - 1.92	0.00%	Nov 2021	1.73 - 1.87

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEC-0020	Ferro-chrome high carbon 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, \$/lb Cr	21 Dec 2021	1.41 - 1.5	0.00%	Nov 2021	1.48 - 1.54
MB-FEC-0011	Ferro-chrome 50% Cr import, cif main Chinese ports, \$/lb contained Cr	21 Dec 2021	1.14	-2.56%	Nov 2021	1.29
MB-FEC-0006	Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	21 Dec 2021	8500 - 8800	-5.46%	Nov 2021	9860 - 10300
MB-FEC-0005	Ferro-chrome contract 6-8% C, basis 50% Cr, ddp China, yuan/tonne	21 Dec 2021	9400 - 9600	0.00%	Nov 2021	10193 - 10495
MB-FEC-0019	Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, \$/lb	21 Dec 2021	1.77	-1.12%	Nov 2021	1.92
MB-FEC-0016	Ferro-chrome lumpy Cr charge quarterly, basis 52% Cr (and high carbon), delivered Europe, \$/lb Cr (rounded to the closest 2 decimal places)	01 Oct 2021	1.8	15.38%	Nov 2021	1.8
MB-FEC-0014	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, \$/lb	23 Dec 2021	3.65 - 3.75	0.00%	Nov 2021	
MB-FEC-0013	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, \$/lb	23 Dec 2021	3.8 - 3.85	0.00%	Nov 2021	
MB-FEC-0015	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, \$/lb	23 Dec 2021	3.55 - 3.6	0.00%	Nov 2021	
MB-FEC-0003	Ferro-chrome 0.10% C, average 65-70% Cr, delivered Europe, \$/lb Cr	21 Dec 2021	3.65 - 4.28	1.02%	Nov 2021	3.9 - 4.17
MB-FEC-0002	Ferro-chrome low carbon, 65% Cr, max 0.06% C, delivered Europe, \$/lb Cr	21 Dec 2021	3.69 - 4.32	1.01%	Nov 2021	3.94 - 4.23

Manganese ore

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MNO-0002	Manganese ore 37% Mn, fob Port Elizabeth, \$/dmtu	24 Dec 2021	3.19	-0.31%	Nov 2021	3.47
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, \$/dmtu	24 Dec 2021	5.44	-0.37%	Nov 2021	5.66
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, \$/dmtu	24 Dec 2021	4.51	-0.44%	Nov 2021	4.79
MB-MNO-0004	Manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin China, yuan/dmtu	24 Dec 2021	34	-0.29%	Nov 2021	34.53
MB-MNO-0005	Manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin China, yuan/dmtu	24 Dec 2021	42	-0.24%	Nov 2021	43.65

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	24 Dec 2021	6800 - 6900	0.00%	Nov 2021	8475 - 8675
MB-FEM-0006	Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	24 Dec 2021	1650 - 1750	0.00%	Nov 2021	1825 - 1975
MB-FEM-0002	Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	23 Dec 2021	315 - 320	0.00%	Nov 2021	315 - 320
MB-FEM-0004	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, \$/lb	23 Dec 2021	2.55 - 2.6	0.00%	Nov 2021	
MB-FEM-0003	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, US cents/lb	23 Dec 2021	255 - 260	0.00%	Nov 2021	225 - 230
MB-FEM-0001	Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, \$/long ton	23 Dec 2021	2600 - 2650	0.00%	Nov 2021	2600 - 2650

Silico-manganese

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SIM-0001	Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	24 Dec 2021	7600 - 7900	0.65%	Nov 2021	8550 - 8950
MB-SIM-0004	Silico-manganese 65% Mn min, min 16% Si, fob India, \$/tonne	24 Dec 2021	1425 - 1475	0.00%	Nov 2021	1631.25 - 1725

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SIM-0002	Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	24 Dec 2021	1600 - 1700	0.00%	Nov 2021	1812.5 - 1975
MB-SIM-0005	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, \$/lb	23 Dec 2021	1.2 - 1.25	0.00%	Nov 2021	
MB-SIM-0003	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, US cents/lb	23 Dec 2021	120 - 125	0.00%	Nov 2021	120 - 125

Ferro-silicon

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FES-0003	Ferro-silicon 75% Si, in-whs Pittsburgh, \$/lb	23 Dec 2021	3.3 - 3.4	0.00%	Nov 2021	
MB-FES-0005	Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	24 Dec 2021	2800 - 3300	0.00%	Nov 2021	4000 - 4300
MB-FES-0004	Ferro-silicon 75% Si min export, fob China, \$/tonne	22 Dec 2021	2050 - 2150	-2.33%	Nov 2021	2575 - 2775
MB-FES-0001	Ferro-silicon 75% Si min, in-whs China, yuan/tonne	22 Dec 2021	9300 - 9500	0.00%	Nov 2021	11000 - 11875

Molybdenum/ferro-molybdenum

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MO-0001	Molybdenum canned molybdic oxide, in-whs Pittsburgh, \$/lb	23 Dec 2021	18.9 - 19.5	0.37%	Nov 2021	18.88 - 19.75
MB-FEO-0003	Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, \$/lb Mo	24 Dec 2021	18.9 - 19.1	0.53%	Nov 2021	19.06 - 19.31
MB-FEO-0004	Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, \$/lb	24 Dec 2021	18.4 - 18.6	0.27%	Nov 2021	18.51 - 18.71
MB-FEO-0002	Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, \$/lb	23 Dec 2021	20.25 - 21	-0.58%	Nov 2021	21.63 - 22.6
MB-FEO-0001	Ferro-molybdenum 65% Mo min, in-whs Rotterdam, \$/kg Mo	24 Dec 2021	44 - 44.8	0.57%	Nov 2021	43.88 - 45.07

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	22 Dec 2021	44.2 - 45.5	0.00%	Nov 2021	44 - 46
MB-FET-0001	Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, \$/kg Ti	22 Dec 2021	7.7 - 8	0.00%	Nov 2021	7.7 - 8.2
MB-FET-0002	Ferro-titanium 68-72% Ti, ex-whs US, \$/lb	23 Dec 2021	3.6 - 3.85	0.00%	Nov 2021	3.6 - 3.83

Tungsten/ferro-tungsten

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-W-0001	Tungsten APT 88.5% WO ₃ min cif Rotterdam and Baltimore duty-free, \$/mtu WO ₃	24 Dec 2021	320 - 325	0.00%	Nov 2021	320 - 325
MB-W-0003	Tungsten APT 88.5% WO ₃ min, fob main ports China, \$/mtu WO ₃	22 Dec 2021	315 - 320	0.47%	Nov 2021	313.5 - 319
MB-W-0002	Tungsten concentrate 65% WO ₃ , in-whs China, yuan/tonne	22 Dec 2021	110000 - 112000	1.37%	Nov 2021	109375 - 110750
MB-FEU-0001	Ferro-tungsten basis 75% W, in-whs dup Rotterdam, \$/kg W	24 Dec 2021	36 - 38.5	-1.32%	Nov 2021	36.75 - 38.26
MB-FEU-0003	Ferro-tungsten export, min 75% fob China, \$/kg W	22 Dec 2021	38 - 40	0.00%	Nov 2021	38.13 - 40

Vanadium pentoxide/ferro-vanadium

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-V-0001	Vanadium pentoxide 98% V ₂ O ₅ min, in-whs Rotterdam, \$/lb V ₂ O ₅	24 Dec 2021	8.5 - 9	0.00%	Nov 2021	7.75 - 8.5

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-V-0002	Vanadium pentoxide 98% V2O5 min, fob China, \$/lb V2O5	23 Dec 2021	8.83 - 8.97	-0.89%	Nov 2021	8 - 8.12
MB-V-0004	Vanadium pentoxide 98% V2O5 min, exw China, yuan/tonne	23 Dec 2021	124000 - 126000	-0.79%	Nov 2021	112750 - 114500
MB-FEV-0002	Ferro-vanadium 70-80% V, in-whs Pittsburgh, \$/lb	23 Dec 2021	14.9 - 15.25	0.00%	Nov 2021	14.78 - 15.13
MB-FEV-0001	Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, \$/kg V	24 Dec 2021	32.5 - 33	0.00%	Nov 2021	31.96 - 33.06
MB-FEV-0003	Ferro-vanadium 78% V min, fob China, \$/kg V	23 Dec 2021	38.33 - 38.74	-1.83%	Nov 2021	33.98 - 35.05

Copper raw materials

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

Copper concentrate news

First phase of Zijin's Julong Copper project to produce 120,000-130,000t in 2022

By Sally Zhang - Monday 27 December

Phase 1 of the Julong Copper project in Tibet was to come online on Monday December 27, Zijin Mining Group said in a statement.

Julong Copper is expected to produce 120,000-130,000 tonnes of copper in 2022 - including output at the Zhibula project - and its output will increase to about 160,000 tonnes per year of copper once Phase 1 reaches full production, according to the statement.

In June 2020, Zijin Mining announced it would buy a 50.1% stake in Julong Copper, which includes the Qulong, Rongmucuoala and Zhibula copper and

polymetallic mines.

Zijin Mining also co-owns the Kamo-Kakula copper mine in the Democratic Republic of the Congo (DRC). Zijin Mining has a 39.6% stake in Kamo-Kakula, which is jointly owned by Ivanhoe (39.6%), Hong Kong-based Crystal River Global Ltd (0.8%) and the DRC government (20%).

The Kamo-Kakula copper project produced more than 100,000 tonnes of copper in concentrate as of December 22, exceeding its annual production guidance for 2021 at 92,500-100,000 tonnes, Zijin Mining said.

The project started production at Kamo-Kakula's Phase 1 concentrator plant in May 2021 and began commercial production in July. The project's Phase 2 plant is expected to start full operations in the second quarter of 2022, Fastmarkets reported in October.

Fastmarkets' [copper concentrate TC/RC index, cif Asia Pacific](#) was unchanged in the week to December 24 at \$55.90 per tonne/5.59 cents per lb in a quiet market.

Key copper raw materials prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0287	Copper concentrates TC index, cif Asia Pacific, \$/tonne	24 Dec 2021	55.9	0.00%	Nov 2021	57.48
MB-CU-0288	Copper concentrates RC index, cif Asia Pacific, US cents/lb	24 Dec 2021	5.59	0.00%	Nov 2021	5.75
MB-CU-0409	Copper blister 98-99% RC annual benchmark, cif China, \$/tonne	22 Jan 2021	140 - 150	12.40%	Nov 2021	140 - 150
MB-CU-0408	Copper blister 98-99% RC spot, cif China, \$/tonne	30 Nov 2021	150 - 170	0.00%	Nov 2021	150 - 170
MB-CU-0512	No1 copper material, RCu-2A,1B (candy/berry), cif China, LME/Comex discount, US cents per lb	27 Dec 2021	9 - 13	0.00%	Nov 2021	9 - 13
MB-CU-0360	No2 copper material, RCu-2B (birch/cliff), cif China, LME/Comex discount, US cents per lb	27 Dec 2021	24 - 28	0.00%	Nov 2021	24 - 28
MB-CU-0422	Copper concentrates counterparty spread, \$/tonne	01 Dec 2021	10.45	-11.44%	Nov 2021	11.8
MB-CU-0423	Copper Concentrates Co-VIU, \$/tonne	01 Dec 2021	0.28		Nov 2021	(0.1)
MB-CU-0508	Copper concentrates TC implied smelters purchase, cif Asia Pacific, \$/tonne	24 Dec 2021	61.13	0.00%	Nov 2021	63.38
MB-CU-0510	Copper concentrates RC implied smelters purchase, cif Asia Pacific, cents/lb	24 Dec 2021	6.11	0.00%	Nov 2021	6.34
MB-CU-0509	Copper concentrates TC implied traders purchase, cif Asia Pacific, \$/tonne	24 Dec 2021	50.68	0.00%	Nov 2021	51.58
MB-CU-0511	Copper concentrates RC implied traders purchase, cif Asia Pacific, cents/lb	24 Dec 2021	5.07	0.00%	Nov 2021	5.16

Coking coal/coke markets

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

Top stories

Over 2.5 million tonnes of Australian coking coal enter China's ports in November

By Min Li - Monday 27 December

China imported 7.74 million tonnes of coking coal in November, up by 108% year on year and up by 76.60% month on month, according to the latest data from Chinese customs.

Australia was China's largest source of coking coal imports last month, accounting for 2.67 million tonnes of the steelmaking raw material. [That material, however, was part of previously stranded Australian coal.](#)

Mongolia ranked second in November, exporting 1.41 million tonnes of coking coal to China.

The United States and Russia ranked third and fourth, exporting 1.29 million

tonnes and 1.04 million tonnes of coking coal respectively.

Canada exported 993,491 tonnes of coking coal to China, making it the fifth-largest supplier.

A large gap between North American coking coal offer prices and Chinese market participants' acceptable prices led to illiquidity in the cfr spot market in November and December. As a result, seaborne coking coal cfr prices plummeted.

Fastmarkets' index for [premium hard coking coal, cfr Jingtang](#) ended November at \$400.17 per tonne, down by \$207.95 per tonne from a month earlier.

"Mills in northeastern China and north China chose to use Australian coking coal instead of North American coking coal because the latter was cheaper. Moreover, Chinese domestic coking coal is cheaper than North American one," a trading source in Hebei province said on Monday December 27.

Australian premium mid-volatility hard coking coal was on offer at 2,200-2,300 yuan (\$345-361) per tonne and low-vol hard coking coal was on offer at around 2,000 yuan (\$314) per tonne, sources said on Monday.

Coking coal/coke/PCI news

Seaborne coking coal prices largely steady

By Min Li - Monday 27 December

Both cfr China and fob Australia segments of the seaborne coking coal market were relatively stable on Monday December 27, though domestic prices in China increased in response to miners reducing output at the year end.

Fastmarkets indices

Premium hard coking coal, cfr Jingtang: \$352.42 per tonne, unchanged

Hard coking coal, cfr Jingtang: \$322.23 per tonne, unchanged

Premium hard coking coal, fob DBCT: \$349.50 per tonne, up \$0.58 per tonne

Hard coking coal, fob DBCT: \$299.80 per tonne, up \$0.50 per tonne

No bids were reported in the cfr China segment of the market on Monday.

At ports in northern China, premium Australian mid-volatility hard coking coal was offered at 2,200-2,300 yuan (\$345-361) per tonne, a coke producer source in Hebei province said on Monday. Meanwhile, Australian low-vol hard coking coal was offered at around 2,000 yuan per tonne, a trading source in Beijing said.

The coke producer source said that it had not been procuring Shanxi-origin low-sulfur premium hard coking coal for over a month. Instead, the coke producer had been purchasing Australian coking coal at ports, which are cheaper in comparison.

Many coal mines in Shanxi province have been reducing their output as the new year approaches, which pushes up domestic coking coal prices.

Fastmarkets' price assessment for [hard coking coal domestic China spot market, Shanxi-origin, delivered Tangshan](#) was 2,175-2,800 yuan per tonne on Monday, widening upward by 180 yuan per tonne from 2,175-2,620 yuan per tonne on December 20.

The coke producer source added that a coke price increase mooted by suppliers in mid-December - the first in one-and-a-half months - had failed to take hold in Hebei province because mills in that region were operating under government-imposed production restrictions and they have enough coke in their inventories.

In the fob Australia market, seaborne prices edged up on good demand and relatively tight supply, a coke producer source in India said.

Dalian Commodity Exchange

The most-traded May coking coal futures contract closed at 2,189.50 yuan per tonne on Monday, down by 137.50 yuan per tonne.

The most-traded May coke contract closed at 2,935.50 yuan per tonne, down by 233 yuan per tonne.

Coking coal/coke/PCI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-COA-0003	Premium hard coking coal, fob DBCT, \$/dmt	27 Dec 2021	349.5	0.17%	Nov 2021	370.57



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-COA-0005	Premium hard coking coal, cfr Jingtang, \$/dmt	27 Dec 2021	352.42	0.00%	Nov 2021	490.35
MB-COA-0004	Hard coking coal, fob DBCT, \$/dmt	27 Dec 2021	299.8	0.17%	Nov 2021	312.26
MB-COA-0002	Hard coking coal, cfr Jingtang, \$/dmt	27 Dec 2021	322.23	0.00%	Nov 2021	432.32
MB-COA-0001	Hard coking coal domestic China spot market, Shanxi-origin, delivered Tangshan, yuan/tonne	27 Dec 2021	2175 - 2800	3.75%	Nov 2021	3169 - 3636
MB-COA-0008	PCI low-vol, fob DBCT, \$/dmt	24 Dec 2021	240.08	0.00%	Nov 2021	222.25
MB-COA-0007	PCI low-vol, cfr Jingtang, \$/dmt	24 Dec 2021	223.46	4.83%	Nov 2021	235.64
MB-COA-0006	Coke 65% CSR, fob China, \$/tonne	21 Dec 2021	500 - 525	-0.49%	Nov 2021	573 - 601

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	24 Dec 2021	343.33	-0.41%	Nov 2021	406.8
MB-AL-0329	Aluminium P1020A premium, cif Taiwan, \$/tonne	14 Dec 2021	175 - 200	-2.60%	Nov 2021	183.33 - 203.33
MB-AL-0001	Aluminium P1020A (MJP) quarterly premium, cif Japan, \$/tonne	05 Oct 2021	215 - 220	21.85%	Nov 2021	215 - 220
MB-AL-0343	Aluminium P1020A (MJP) spot premium, cif Japan, \$/tonne	24 Dec 2021	160 - 180	0.00%	Nov 2021	173.33 - 183.33
MB-AL-0328	Aluminium P1020A premium, bonded in-whs, Shanghai, \$/tonne	30 Nov 2021	60 - 90	-48.28%	Nov 2021	60 - 90
MB-AL-0345	Aluminium P1020A premium, cif Shanghai, \$/tonne	30 Nov 2021	50 - 80	-51.85%	Nov 2021	50 - 80
MB-AL-0307	Aluminium P1020A premium, fca South Korea, \$/tonne	21 Dec 2021	175 - 185	0.00%	Nov 2021	185 - 195
MB-AL-0344	Aluminium P1020A premium, cif South Korea, \$/tonne	21 Dec 2021	160 - 170	0.00%	Nov 2021	170 - 180
MB-AL-0316	Aluminium P1020A premium, fca dp Italy, \$/tonne	21 Dec 2021	380 - 400	2.63%	Nov 2021	363 - 378
MB-AL-0346	Aluminium P1020A premium, in-whs dup Rotterdam, \$/tonne	24 Dec 2021	280 - 300	7.41%	Nov 2021	233.41 - 248.18
MB-AL-0004	Aluminium P1020A premium, in-whs dp Rotterdam, \$/tonne	24 Dec 2021	350 - 370	4.35%	Nov 2021	287.78 - 305.56
MB-AL-0319	Aluminium P1020A premium, fca dp Spain, \$/tonne	14 Dec 2021	365 - 375	0.00%	Nov 2021	368.33 - 380
MB-AL-0337	Aluminium P1020A premium, cif dup Turkey, \$/tonne	14 Dec 2021	270 - 280	0.92%	Nov 2021	283.33 - 296.67
MB-AL-0020	Aluminium P1020A premium, ddp Midwest US, US cents/lb	24 Dec 2021	29 - 31	0.00%	Nov 2021	29.67 - 31.89
MB-AL-0021	Aluminium P1020A premium, delivered Sao Paulo region, \$/tonne	14 Dec 2021	400 - 450	-11.46%	Nov 2021	456.67 - 483.33
MB-AL-0022	Aluminium P1020A premium, cif dup Brazilian main ports, \$/tonne	14 Dec 2021	380 - 400	0.00%	Nov 2021	380 - 400
MB-AL-0381	Aluminium low-carbon differential P1020A, Europe, \$/tonne	03 Dec 2021	0 - 10	0.00%	Nov 2021	0 - 10
MB-AL-0377	Aluminium P1020A premium, in-whs dup Rotterdam, inferred low-carbon midpoint, \$/tonne	24 Dec 2021	295	7.27%	Nov 2021	245.52
MB-AL-0378	Aluminium P1020A premium, in-whs dp Rotterdam, inferred low-carbon midpoint, \$/tonne	24 Dec 2021	365	4.29%	Nov 2021	301.5

Copper premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0386	Copper grade A cathode premium, cif Taiwan, \$/tonne	14 Dec 2021	75 - 90	3.13%	Nov 2021	71.67 - 85
MB-CU-0405	Copper grade A cathode premium, in-whs Shanghai, \$/tonne	24 Dec 2021	86 - 103	0.00%	Nov 2021	87.23 - 104.36
MB-CU-0383	Copper grade A cathode ER premium, bonded in-whs Shanghai, \$/tonne	24 Dec 2021	96 - 103	0.00%	Nov 2021	95.82 - 104.36
MB-CU-0382	Copper grade A cathode SX-EW premium, bonded in-whs Shanghai, \$/tonne	24 Dec 2021	86 - 93	0.00%	Nov 2021	87.23 - 94.27
MB-CU-0403	Copper grade A cathode premium, cif Shanghai, \$/tonne	24 Dec 2021	70 - 93	0.00%	Nov 2021	82 - 97.95
MB-CU-0380	Copper grade A cathode ER premium, cif Shanghai, \$/tonne	24 Dec 2021	83 - 93	0.00%	Nov 2021	89.41 - 97.95
MB-CU-0384	Copper grade A cathode SX-EW premium, cif Shanghai, \$/tonne	24 Dec 2021	70 - 78	0.00%	Nov 2021	82 - 87.64
MB-CU-0399	Copper grade A cathode premium, cif Southeast Asia, \$/tonne	21 Dec 2021	80 - 90	0.00%	Nov 2021	80 - 90
MB-CU-0404	Copper grade A cathode premium, cif South Korea, \$/tonne	14 Dec 2021	75 - 85	0.00%	Nov 2021	75 - 85
MB-CU-0372	Copper grade A cathode premium, delivered Germany, \$/tonne	14 Dec 2021	80 - 90	0.00%	Nov 2021	80 - 96.67
MB-CU-0406	Copper grade A cathode premium, cif Leghorn, \$/tonne	14 Dec 2021	75 - 90	0.00%	Nov 2021	76.67 - 88.33

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Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0369	Copper grade A cathode premium, cif Rotterdam, \$/tonne	14 Dec 2021	45 - 55	0.00%	Nov 2021	48.33 - 58.33
MB-CU-0002	Copper grade 1 cathode premium, ddp Midwest US, US cents/lb	21 Dec 2021	8 - 10	0.00%	Nov 2021	8 - 9.2
MB-CU-0411	Copper EQ cathode premium, cif Europe, \$/tonne	14 Dec 2021	20 - 30	-23.08%	Nov 2021	20 - 45
MB-CU-0412	Copper EQ cathode premium, cif Shanghai, \$/tonne	14 Dec 2021	15 - 30	12.50%	Nov 2021	16.67 - 33.33

Lead premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0084	Lead 99.97% ingot premium, cif Taiwan, \$/tonne	14 Dec 2021	100 - 115	0.00%	Nov 2021	100 - 115
MB-PB-0083	Lead 99.99% ingot premium, cif Taiwan, \$/tonne	14 Dec 2021	135 - 145	7.69%	Nov 2021	125 - 135
MB-PB-0087	Lead 99.97% ingot premium, cif India, \$/tonne	21 Dec 2021	50 - 130	0.00%	Nov 2021	70 - 135
MB-PB-0086	Lead 99.99% ingot premium, cif India, \$/tonne	21 Dec 2021	140 - 150	0.00%	Nov 2021	140 - 150
MB-PB-0107	Lead 99.97% ingot premium, cif Southeast Asia, \$/tonne	07 Dec 2021	80 - 110	0.00%	Nov 2021	80 - 110
MB-PB-0108	Lead 99.99% ingot premium, cif Southeast Asia, \$/tonne	07 Dec 2021	125 - 145	-1.82%	Nov 2021	125 - 150
MB-PB-0099	Lead 99.99% ingot premium, delivered Midwest US, US cents/lb	21 Dec 2021	19 - 22	13.89%	Nov 2021	17 - 19
MB-PB-0006	Lead 99.97% ingot premium, ddp Midwest US, US cents/lb	21 Dec 2021	17 - 20	12.12%	Nov 2021	15 - 18

Tin premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SN-0038	Tin 99.9% ingot premium, cif Taiwan, \$/tonne	14 Dec 2021	300 - 400	0.00%	Nov 2021	316.67 - 416.67
MB-SN-0002	Tin 99.9% ingot premium, in-whs Rotterdam, \$ per tonne	14 Dec 2021	1100 - 1400	0.00%	Nov 2021	1133.33 - 1433.33
MB-SN-0029	Tin 99.9% low lead ingot premium, in-whs Rotterdam, \$/tonne	14 Dec 2021	1500 - 2000	0.00%	Nov 2021	1500 - 2000
MB-SN-0036	Tin 99.85% ingot premium, in-whs Baltimore, \$/tonne	14 Dec 2021	1900 - 2200	-12.77%	Nov 2021	2100 - 2950
MB-SN-0011	Tin grade A min 99.85% ingot premium, ddp Midwest US, \$/tonne	14 Dec 2021	2100 - 2500	-9.80%	Nov 2021	2291.67 - 3141.67

Zinc premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0116	Zinc SHG 99.995% ingot premium, cif Taiwan \$/tonne	14 Dec 2021	150 - 160	0.00%	Nov 2021	140 - 150
MB-ZN-0106	Zinc SHG min 99.995% ingot premium, cif Shanghai, \$/per tonne	21 Dec 2021	80 - 90	0.00%	Nov 2021	70 - 86
MB-ZN-0119	Zinc min 99.995% ingot premium, in-whs Shanghai, \$/tonne	21 Dec 2021	80 - 90	0.00%	Nov 2021	70 - 86
MB-ZN-0113	Zinc SHG 99.995% ingot premium, fca Singapore, \$/per tonne	14 Dec 2021	140 - 150	0.00%	Nov 2021	133.33 - 143.33
MB-ZN-0115	Zinc SHG 99.995% ingot premium, fca Malaysia, \$/per tonne	14 Dec 2021	140 - 150	0.00%	Nov 2021	133.33 - 143.33
MB-ZN-0093	Zinc SHG min 99.995% ingot premium, cif Southeast Asia, \$/tonne	14 Dec 2021	145 - 160	1.67%	Nov 2021	135 - 148.33
MB-ZN-0001	Zinc SHG min 99.995% ingot premium, dp fca Rotterdam, \$/tonne	21 Dec 2021	270 - 300	7.55%	Nov 2021	226 - 260
MB-ZN-0099	Zinc SHG min 99.995% ingot premium, dp fca Antwerp, \$/tonne	21 Dec 2021	270 - 300	7.55%	Nov 2021	226 - 260
MB-ZN-0103	Zinc SHG min 99.995% ingot premium, fca dp Italy, \$/tonne	14 Dec 2021	350 - 380	-2.67%	Nov 2021	280 - 316.67
MB-ZN-0102	Zinc SHG min 99.995% ingot premium, ddp Italy, \$/per tonne	14 Dec 2021	380 - 420	-5.88%	Nov 2021	320 - 366.67
MB-ZN-0005	Zinc SHG min 99.995% ingot premium, ddp Midwest US, US cents/lb	21 Dec 2021	15 - 19	0.00%	Nov 2021	13.2 - 16

Nickel premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0245	Nickel min 99.8% briquette premium, cif Shanghai, \$/tonne	30 Nov 2021	300 - 400	27.27%	Nov 2021	300 - 400
MB-NI-0143	Nickel min 99.8% full plate premium, in-whs Shanghai, \$/tonne	21 Dec 2021	320 - 350	0.00%	Nov 2021	340 - 362
MB-NI-0142	Nickel min 99.8% full plate premium, cif Shanghai, \$/tonne	21 Dec 2021	300 - 330	0.00%	Nov 2021	324 - 354
MB-NI-0003	Nickel uncut cathode premium, in-whs Rotterdam, \$/tonne	21 Dec 2021	70 - 90	0.00%	Nov 2021	58 - 81
MB-NI-0001	Nickel 4x4 cathode premium, in-whs Rotterdam, \$/tonne	21 Dec 2021	220 - 290	0.00%	Nov 2021	189 - 248
MB-NI-0002	Nickel briquette premium, in-whs Rotterdam, \$/tonne	21 Dec 2021	150 - 170	0.00%	Nov 2021	146 - 166
MB-NI-0240	Nickel 4x4 cathode premium, delivered Midwest US, US cents/lb	21 Dec 2021	55 - 65	0.00%	Nov 2021	54 - 60
MB-NI-0241	Nickel briquette premium, delivered Midwest US, US cents/lb	21 Dec 2021	65 - 90	0.00%	Nov 2021	62 - 84

Base metals warrant premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0334	Aluminium P1020A, warrant premium, in-whs East Asia, \$/tonne	22 Dec 2021	40 - 65	0.00%	Nov 2021	50 - 80
MB-AL-0333	Aluminium P1020A warrant premium, in-whs Southeast Asia, \$/tonne	22 Dec 2021	40 - 60	0.00%	Nov 2021	50 - 80
MB-AL-0338	Aluminium P1020A warrant premium, in-whs US, \$/tonne	22 Dec 2021	115 - 125	0.00%	Nov 2021	115 - 125
MB-CU-0398	Copper grade A cathode warrant premium, in-whs East Asia \$/tonne	22 Dec 2021	10 - 20	-25.00%	Nov 2021	20 - 32.5
MB-CU-0397	Copper grade A cathode warrant premium, in-whs Southeast Asia, \$/tonne	22 Dec 2021	15 - 25	33.33%	Nov 2021	20 - 32.5
MB-CU-0400	Copper grade A cathode warrant premium, in-whs North Europe, \$/tonne	22 Dec 2021	5 - 10	0.00%	Nov 2021	5 - 10
MB-CU-0401	Copper grade A cathode warrant premium, in-whs South Europe, \$/tonne	22 Dec 2021	15 - 25	0.00%	Nov 2021	15 - 25
MB-CU-0377	Copper grade A cathode warrant premium, in-whs US, \$/tonne	22 Dec 2021	10 - 25	0.00%	Nov 2021	17.5 - 25
MB-PB-0106	Lead min 99.97% ingot warrant premium, in-whs East Asia \$/tonne	22 Dec 2021	5 - 20	0.00%	Nov 2021	5 - 20
MB-PB-0105	Lead min 99.97% ingot warrant premium, in-whs Southeast Asia \$/tonne	22 Dec 2021	5 - 20	0.00%	Nov 2021	5 - 20
MB-PB-0109	Lead 99.97% ingot warrant premium, in-whs North Europe, \$/tonne	22 Dec 2021	30 - 50	14.29%	Nov 2021	12.5 - 32.5
MB-PB-0110	Lead 99.97% ingot warrant premium, in-whs South Europe, \$/tonne	22 Dec 2021	30 - 50	60.00%	Nov 2021	20 - 32.5
MB-PB-0097	Lead 99.97% ingot warrant premium, in-whs US, \$/tonne	22 Dec 2021	20 - 30	0.00%	Nov 2021	20 - 30
MB-NI-0138	Nickel min 99.8% briquette warrant premium, in-whs Southeast Asia, \$/tonne	22 Dec 2021	50 - 60	0.00%	Nov 2021	43.75 - 57.5
MB-NI-0140	Nickel min 99.8% briquette warrant premium, in-whs East Asia, \$/tonne	22 Dec 2021	50 - 60	0.00%	Nov 2021	45 - 57.5
MB-NI-0137	Nickel min 99.8% full plate warrant premium, in-whs Southeast Asia, \$/tonne	22 Dec 2021	30 - 45	0.00%	Nov 2021	30 - 45
MB-NI-0139	Nickel min 99.8% full plate warrant premium, in-whs East Asia, \$/tonne	22 Dec 2021	30 - 45	0.00%	Nov 2021	30 - 40
MB-NI-0141	Nickel min 99.8% warrant premium, in-whs North Europe, \$/tonne	22 Dec 2021	50 - 175	9.76%	Nov 2021	52.5 - 130
MB-SN-0042	Tin min 99.85% ingot warrant premium, in-whs South East Asia, \$/tonne	22 Dec 2021	50 - 150	0.00%	Nov 2021	50 - 150
MB-ZN-0117	Zinc SHG min 99.995% warrant premium, in-whs North Europe, \$/tonne	22 Dec 2021	80 - 100	0.00%	Nov 2021	80 - 100
MB-ZN-0104	Zinc SHG min 99.995% warrant premium, in-whs US, \$/per tonne	22 Dec 2021	10 - 15	0.00%	Nov 2021	10 - 15
MB-ZN-0123	Zinc SHG min 99.995% warrant premium, in-whs Southeast Asia, \$/tonne	22 Dec 2021	10 - 20	0.00%	Nov 2021	10 - 20

Steel scrap prices

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

Alabama

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

Arkansas/Tennessee

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

Atlanta

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

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

Bajjo

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0553	Steel scrap No1 heavy melt, consumer buying price, delivered mill Bajjo, \$/tonne	21 Dec 2021	359	5.28%	Nov 2021	337.8
MB-STE-0551	Steel scrap No1 busheling, consumer buying price, delivered mill Bajjo, \$/tonne	21 Dec 2021	533	0.57%	Nov 2021	539.2
MB-STE-0552	Steel scrap No1 busheling, consumer buying price, delivered mill Bajjo, peso/tonne	21 Dec 2021	11200	0.00%	Nov 2021	11130
MB-STE-0549	Steel scrap machine shop turnings, consumer buying price, delivered mill Bajjo, \$/tonne	21 Dec 2021	307	0.66%	Nov 2021	303.2
MB-STE-0550	Steel scrap machine shop turnings, consumer buying price, delivered mill Bajjo, peso/tonne	21 Dec 2021	6450	0.00%	Nov 2021	6260
MB-STE-0556	Steel scrap shredded auto scrap, consumer buying price, delivered mill Bajjo, peso/tonne	21 Dec 2021	10700	0.00%	Nov 2021	10800
MB-STE-0547	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Bajjo, \$/tonne	21 Dec 2021	433	2.85%	Nov 2021	396
MB-STE-0548	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Bajjo, peso/tonne	21 Dec 2021	9100	2.25%	Nov 2021	8180
MB-STE-0554	Steel scrap No1 heavy melt, consumer buying price, delivered mill Bajjo, peso/tonne	21 Dec 2021	7550	4.86%	Nov 2021	6970
MB-STE-0555	Steel scrap shredded auto scrap, consumer buying price, delivered mill Bajjo, \$/tonne	21 Dec 2021	509	0.59%	Nov 2021	523.4

Birmingham

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

Boston

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0366	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Boston, \$/gross ton	27 Dec 2021	355	0.00%	Nov 2021	368
MB-STE-0367	Steel scrap No2 bundles, export yard buying price, delivered to yard Boston, \$/gross ton	27 Dec 2021	275	0.00%	Nov 2021	288
MB-STE-0370	Steel scrap auto bodies, export yard buying price, delivered to yard Boston, \$/gross ton	27 Dec 2021	225	0.00%	Nov 2021	278
MB-STE-0369	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Boston, \$/gross ton	27 Dec 2021	355	0.00%	Nov 2021	368

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0368	Steel scrap mixed cast, export yard buying price, delivered to yard Boston, \$/gross ton	27 Dec 2021	340	0.00%	Nov 2021	353
MB-STE-0371	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Boston, \$/gross ton	27 Dec 2021	365	0.00%	Nov 2021	378

Chicago

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0228	Steel scrap No1 heavy melt, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	480	0.00%	Nov 2021	480
MB-STE-0232	Steel scrap No1 busheling, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	580	0.00%	Nov 2021	580
MB-STE-0230	Steel scrap No1 bundles, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	585	0.00%	Nov 2021	585
MB-STE-0248	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	480	0.00%	Nov 2021	480
MB-STE-0231	Steel scrap No2 bundles, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	340	-4.23%	Nov 2021	355
MB-STE-0234	Steel scrap machine shop turnings, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	330	0.00%	Nov 2021	330
MB-STE-0233	Steel scrap shredded auto scrap, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	540	0.00%	Nov 2021	540
MB-STE-0578	Steel scrap low-residual, ductile-quality shredded clips, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	742	0.00%	Nov 2021	742
MB-STE-0241	Steel scrap unstripped motor blocks, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	554	0.00%	Nov 2021	554
MB-STE-0235	Steel scrap cast iron borings, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	370	0.00%	Nov 2021	370
MB-STE-0239	Steel scrap cupola cast, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	609	0.00%	Nov 2021	609
MB-STE-0240	Steel scrap clean auto cast, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	672	0.00%	Nov 2021	672
MB-STE-0242	Steel scrap heavy breakable cast, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	552	0.00%	Nov 2021	552
MB-STE-0243	Steel scrap drop broken machinery cast, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	587	0.00%	Nov 2021	587
MB-STE-0238	Steel scrap foundry steel 2ft max, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	544	0.00%	Nov 2021	544
MB-STE-0244	Steel scrap rail crops 2ft max, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	603	0.00%	Nov 2021	603
MB-STE-0246	Steel scrap steel car wheels, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	545	0.00%	Nov 2021	545
MB-STE-0577	Steel scrap low-residual, black foundry busheling, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	742	0.00%	Nov 2021	742
MB-STE-0236	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	634	0.00%	Nov 2021	634
MB-STE-0237	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	505	0.00%	Nov 2021	505
MB-STE-0579	Steel scrap low-alloy punchings, consumer buying price, delivered mill Chicago, \$/gross ton	06 Dec 2021	762	0.00%	Nov 2021	762

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

Cincinnati

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

Cleveland

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

Detroit

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0272	Steel scrap No1 busheling, consumer buying price, delivered mill Detroit, \$/gross ton	06 Dec 2021	555	0.00%	Nov 2021	555
MB-STE-0271	Steel scrap No1 bundles, consumer buying price, delivered mill Detroit, \$/gross ton	06 Dec 2021	545	0.00%	Nov 2021	545
MB-STE-0634	Steel scrap No1 dealer bundles, broker buying price, fob Detroit, \$/gross ton	06 Dec 2021	390	0.00%	Nov 2021	390
MB-STE-0279	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Detroit, \$/gross ton	06 Dec 2021	430	0.00%	Nov 2021	430
MB-STE-0274	Steel scrap machine shop turnings, consumer buying price, delivered mill Detroit, \$/gross ton	06 Dec 2021	205	0.00%	Nov 2021	205

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

Hamilton

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0333	Steel scrap No1 heavy melt, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	06 Dec 2021	414	3.76%	Nov 2021	399
MB-STE-0772	Steel scrap No1 heavy melting, broker buying price, fob Hamilton, Canadian \$/net ton	07 Dec 2021	359	4.36%	Nov 2021	344
MB-STE-0335	Steel scrap No1 busheling, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	06 Dec 2021	606	3.41%	Nov 2021	586
MB-STE-0774	Steel scrap No1 busheling, broker buying price, fob Hamilton, Canadian \$/net ton	07 Dec 2021	505	4.12%	Nov 2021	485
MB-STE-0334	Steel scrap No1 bundles, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	06 Dec 2021	620	3.33%	Nov 2021	600
MB-STE-0773	Steel scrap No1 dealer bundles, broker buying price, fob Hamilton, Canadian \$/ net ton	07 Dec 2021	610	3.39%	Nov 2021	590
MB-STE-0777	Steel scrap machine shop turnings, broker buying price, fob Hamilton, Canadian \$/ net ton	07 Dec 2021	236	0.00%	Nov 2021	236
MB-STE-0336	Steel scrap shredded auto scrap, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	06 Dec 2021	618	2.49%	Nov 2021	603
MB-STE-0776	Steel scrap shredded scrap, broker buying price, fob Hamilton, Canadian \$/ net ton	07 Dec 2021	340	4.62%	Nov 2021	325
MB-STE-0337	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	06 Dec 2021	437	3.55%	Nov 2021	422

Houston

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0350	Steel scrap No1 heavy melt, dealer selling price, fob dealer yard Houston, \$/gross ton	06 Dec 2021	285	0.00%	Nov 2021	285
MB-STE-0765	Steel scrap No1 heavy melting, broker buying price, fob Houston \$/gross ton	07 Dec 2021	280	0.00%	Nov 2021	280

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0766	Steel scrap No2 heavy melting, broker buying price, fob Houston \$/gross ton	07 Dec 2021	270	0.00%	Nov 2021	270
MB-STE-0351	Steel scrap No1 busheling, dealer selling price, fob dealer yard Houston, \$/gross ton	06 Dec 2021	402	0.00%	Nov 2021	402
MB-STE-0405	Steel scrap No1 busheling, consumer buying price trend, delivered mill Houston, \$/gross ton	06 Dec 2021	0		Nov 2021	20
MB-STE-0767	Steel scrap No1 busheling, broker buying price, fob Houston \$/gross ton	07 Dec 2021	430	0.00%	Nov 2021	430
MB-STE-0353	Steel scrap machine shop turnings, dealer selling price, fob dealer yard Houston, \$/gross ton	06 Dec 2021	205	0.00%	Nov 2021	205
MB-STE-0769	Steel scrap machine shop turnings, broker buying price, fob Houston \$/gross ton	07 Dec 2021	200	0.00%	Nov 2021	200
MB-STE-0352	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard Houston, \$/gross ton	06 Dec 2021	335	0.00%	Nov 2021	335
MB-STE-0768	Steel scrap shredded scrap, broker buying price, fob Houston \$/gross ton	07 Dec 2021	325	0.00%	Nov 2021	325
MB-STE-0354	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard Houston, \$/gross ton	06 Dec 2021	320	0.00%	Nov 2021	320
MB-STE-0408	Steel scrap cut structural/plate 5ft max, consumer buying price trend, delivered mill Houston, \$/gross ton	06 Dec 2021	0		Nov 2021	30
MB-STE-0770	Steel scrap plate and structurals 5ft and under, broker buying price, fob Houston \$/gross ton	07 Dec 2021	305	0.00%	Nov 2021	305
MB-STE-0404	Steel scrap No1 heavy melt, consumer buying price trend, delivered mill Houston, \$/gross ton	06 Dec 2021	0		Nov 2021	25
MB-STE-0407	Steel scrap machine shop turnings, consumer buying price trend, delivered mill Houston, \$/gross ton	06 Dec 2021	0		Nov 2021	20
MB-STE-0406	Steel scrap shredded auto scrap, consumer buying price trend, delivered mill Houston, \$/gross ton	06 Dec 2021	0		Nov 2021	50

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	27 Dec 2021	265	0.00%	Nov 2021	269
MB-STE-0425	Steel scrap HMS 1&2 (80:20), export index, fob Los Angeles, \$/tonne	22 Dec 2021	475	0.00%	Nov 2021	487.75
MB-STE-0374	Steel scrap No1 busheling, export yard buying price, delivered to yard Los Angeles, \$/gross ton	27 Dec 2021	275	0.00%	Nov 2021	279
MB-STE-0373	Steel scrap No2 bundles, export yard buying price, delivered to yard Los Angeles, \$/gross ton	27 Dec 2021	165	0.00%	Nov 2021	169
MB-STE-0375	Steel scrap machine shop turnings, export yard buying price, delivered to yard Los Angeles, \$/gross ton	27 Dec 2021	60	0.00%	Nov 2021	62
MB-STE-0378	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Los Angeles, \$/gross ton	27 Dec 2021	275	0.00%	Nov 2021	279

Midwest

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0424	Steel scrap No1 heavy melt, index, delivered Midwest mill, \$/gross ton	10 Dec 2021	480.08	0.18%	Nov 2021	479.22
MB-STE-0882	Steel scrap No1 busheling, indicator, delivered Midwest mill, \$/gross ton	27 Dec 2021	585	0.00%	Nov 2021	601.25
MB-STE-0422	Steel scrap No1 busheling, index, delivered Midwest mill, \$/gross ton	10 Dec 2021	603.81	0.30%	Nov 2021	602.02
MB-STE-0423	Steel scrap shredded, index, delivered Midwest mill, \$/gross ton	10 Dec 2021	540.16	0.08%	Nov 2021	539.73
MB-STE-0787	Steel scrap shredder feed, fob Midwest, \$/gross ton	27 Dec 2021	220.07	0.00%	Nov 2021	215.47

Monterrey

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0533	Steel scrap No1 heavy melt, consumer buying price, delivered mill Monterrey, \$/tonne	21 Dec 2021	326	0.62%	Nov 2021	330.2
MB-STE-0534	Steel scrap No1 heavy melt, consumer buying price, delivered mill Monterrey, peso/tonne	21 Dec 2021	6850	0.00%	Nov 2021	6820
MB-STE-0539	Steel scrap No1 busheling, consumer buying price, delivered mill Monterrey, \$/tonne	21 Dec 2021	521	0.58%	Nov 2021	525.8
MB-STE-0540	Steel scrap No1 busheling, consumer buying price, delivered mill Monterrey, peso/tonne	21 Dec 2021	10950	0.00%	Nov 2021	10850
MB-STE-0541	Steel scrap machine shop turnings, consumer buying price, delivered mill Monterrey, \$/tonne	21 Dec 2021	314	0.64%	Nov 2021	324.6
MB-STE-0542	Steel scrap machine shop turnings, consumer buying price, delivered mill Monterrey, peso/tonne	21 Dec 2021	6600	0.00%	Nov 2021	6700
MB-STE-0535	Steel scrap shredded auto scrap, consumer buying price, delivered mill Monterrey, \$/tonne	21 Dec 2021	514	0.59%	Nov 2021	521.4
MB-STE-0536	Steel scrap shredded auto scrap, consumer buying price, delivered mill Monterrey, peso/tonne	21 Dec 2021	10800	0.00%	Nov 2021	10760
MB-STE-0537	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Monterrey, \$/tonne	21 Dec 2021	476	3.70%	Nov 2021	445.6
MB-STE-0538	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Monterrey, peso/tonne	21 Dec 2021	10000	3.09%	Nov 2021	9200

Montreal

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

New York

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0379	Steel scrap No1 heavy melt, export yard buying price, delivered to yard New York, \$/gross ton	27 Dec 2021	370	0.00%	Nov 2021	388
MB-STE-0418	Steel scrap HMS 1&2 (80:20), export index, fob New York, \$/tonne	22 Dec 2021	430	0.00%	Nov 2021	451.75
MB-STE-0380	Steel scrap No2 bundles, export yard buying price, delivered to yard New York, \$/gross ton	27 Dec 2021	320	0.00%	Nov 2021	338
MB-STE-0381	Steel scrap machine shop turnings, export yard buying price, delivered to yard New York, \$/gross ton	27 Dec 2021	265	0.00%	Nov 2021	283
MB-STE-0419	Steel scrap shredded scrap, export index, fob New York, \$/tonne	22 Dec 2021	445	0.00%	Nov 2021	471.75

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0384	Steel scrap auto bodies, export yard buying price, delivered to yard New York, \$/gross ton	27 Dec 2021	350	0.00%	Nov 2021	368
MB-STE-0383	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard New York, \$/gross ton	27 Dec 2021	385	0.00%	Nov 2021	403
MB-STE-0382	Steel scrap mixed cast, export yard buying price, delivered to yard New York, \$/gross ton	27 Dec 2021	365	0.00%	Nov 2021	383
MB-STE-0385	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard New York, \$/gross ton	27 Dec 2021	380	0.00%	Nov 2021	398

North Carolina/Virginia

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

Philadelphia

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0285	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	440	0.00%	Nov 2021	440
MB-STE-0386	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Philadelphia, \$/gross ton	27 Dec 2021	370	0.00%	Nov 2021	388
MB-STE-0288	Steel scrap No1 busheling, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	550	0.00%	Nov 2021	550
MB-STE-0286	Steel scrap No1 bundles, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	550	0.00%	Nov 2021	550
MB-STE-0287	Steel scrap No2 bundles, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	400	2.56%	Nov 2021	390
MB-STE-0387	Steel scrap No2 bundles, export yard buying price, delivered to yard Philadelphia, \$/gross ton	27 Dec 2021	295	0.00%	Nov 2021	313
MB-STE-0290	Steel scrap machine shop turnings, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	335	0.00%	Nov 2021	335
MB-STE-0289	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	515	1.98%	Nov 2021	505
MB-STE-0390	Steel scrap auto bodies, export yard buying price, delivered to yard Philadelphia, \$/gross ton	27 Dec 2021	335	0.00%	Nov 2021	353
MB-STE-0297	Steel scrap unstripped motor blocks, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	460	0.00%	Nov 2021	460
MB-STE-0389	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Philadelphia, \$/gross ton	27 Dec 2021	365	0.00%	Nov 2021	383
MB-STE-0295	Steel scrap cupola cast, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	455	0.00%	Nov 2021	455

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0296	Steel scrap clean auto cast, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	450	0.00%	Nov 2021	450
MB-STE-0298	Steel scrap heavy breakable cast, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	406	0.00%	Nov 2021	406
MB-STE-0299	Steel scrap drop broken machinery, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	511	0.00%	Nov 2021	511
MB-STE-0300	Steel scrap rail crops 2ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	575	0.00%	Nov 2021	575
MB-STE-0301	Steel scrap random rails, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	550	22.22%	Nov 2021	450
MB-STE-0291	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	565	0.00%	Nov 2021	565
MB-STE-0292	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	460	0.00%	Nov 2021	460
MB-STE-0293	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	450	0.00%	Nov 2021	450
MB-STE-0391	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Philadelphia, \$/gross ton	27 Dec 2021	380	0.00%	Nov 2021	398

Pittsburgh

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0303	Steel scrap No1 heavy melt, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	475	0.00%	Nov 2021	475
MB-STE-0306	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	610	0.00%	Nov 2021	610
MB-STE-0304	Steel scrap No1 bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	591	0.00%	Nov 2021	591
MB-STE-0305	Steel scrap No2 bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	389	0.00%	Nov 2021	389
MB-STE-0307	Steel scrap No1 industrial bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	617	0.00%	Nov 2021	617
MB-STE-0321	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	380	0.00%	Nov 2021	380
MB-STE-0309	Steel scrap machine shop turnings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	375	0.00%	Nov 2021	375
MB-STE-0308	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	530	0.00%	Nov 2021	530
MB-STE-0310	Steel scrap cast iron borings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	330	0.00%	Nov 2021	330
MB-STE-0388	Steel scrap mixed cast, export yard buying price, delivered to yard Philadelphia, \$/gross ton	27 Dec 2021	370	0.00%	Nov 2021	388
MB-STE-0311	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	525	0.00%	Nov 2021	525
MB-STE-0312	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	505	0.00%	Nov 2021	505
MB-STE-0598	Steel scrap punchings and plate, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	832	0.00%	Nov 2021	832

Seattle/Portland

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0409	Steel scrap No1 heavy melt, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	06 Dec 2021	0		Nov 2021	45
MB-STE-0411	Steel scrap machine shop turnings, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	06 Dec 2021	0		Nov 2021	45
MB-STE-0410	Steel scrap shredded auto scrap, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	06 Dec 2021	0		Nov 2021	45
MB-STE-0412	Steel scrap cut structural/plate 5ft max, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	06 Dec 2021	0		Nov 2021	45

South Carolina

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

St Louis

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0355	Steel scrap No1 heavy melt, dealer selling price, fob dealer yard St Louis, \$/gross ton	06 Dec 2021	398	0.00%	Nov 2021	398
MB-STE-0621	Steel scrap No1 heavy melting, broker buying price, fob St Louis, \$/gross ton	07 Dec 2021	415	-2.35%	Nov 2021	425
MB-STE-0622	Steel scrap No2 heavy melting, broker buying price, fob St Louis, \$/gross ton	07 Dec 2021	405	-2.41%	Nov 2021	415
MB-STE-0357	Steel scrap No1 busheling, dealer selling price, fob dealer yard St Louis, \$/gross ton	06 Dec 2021	548	0.00%	Nov 2021	548
MB-STE-0623	Steel scrap No1 busheling, broker buying price, fob St Louis, \$/gross ton	07 Dec 2021	555	-1.77%	Nov 2021	565
MB-STE-0356	Steel scrap No1 bundles, dealer selling price, fob dealer yard St Louis, \$/gross ton	06 Dec 2021	548	0.00%	Nov 2021	548
MB-STE-0624	Steel scrap No1 dealer bundles, broker buying price, fob St Louis, \$/gross ton	07 Dec 2021	550	-1.79%	Nov 2021	560
MB-STE-0359	Steel scrap machine shop turnings, dealer selling price, fob dealer yard St Louis, \$/gross ton	06 Dec 2021	265	0.00%	Nov 2021	265
MB-STE-0627	Steel scrap machine shop turnings, broker buying price, fob St Louis, \$/gross ton	07 Dec 2021	260	-3.70%	Nov 2021	270
MB-STE-0358	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard St Louis, \$/gross ton	06 Dec 2021	461	0.00%	Nov 2021	461
MB-STE-0360	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard St Louis, \$/gross ton	06 Dec 2021	413	0.00%	Nov 2021	413
MB-STE-0631	Steel scrap plate and structurals 5ft and under, broker buying price, fob St Louis, \$/gross ton	07 Dec 2021	430	-2.27%	Nov 2021	440
MB-STE-0626	Steel scrap shredded scrap, broker buying price, fob St Louis, \$/gross ton	07 Dec 2021	455	-2.15%	Nov 2021	465

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	24 Dec 2021	480	0.00%	Nov 2021	
MB-STE-0529	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, \$/gross ton, weekly composite	24 Dec 2021	440	0.00%	Nov 2021	
MB-STE-0530	Steel scrap No1 heavy melt, consumer buying price, delivered mill Pittsburgh, \$/gross ton, weekly composite	24 Dec 2021	475	0.00%	Nov 2021	
MB-STE-0531	Steel scrap No1 heavy melt, consumer buying price, delivered mill, \$/gross ton, weekly composite	24 Dec 2021	465	0.00%	Nov 2021	
MB-STE-0524	Steel scrap No1 busheling, consumer buying price, delivered mill Chicago, \$/gross ton, weekly composite	24 Dec 2021	580	0.00%	Nov 2021	
MB-STE-0525	Steel scrap No1 busheling, consumer buying price, delivered mill Cleveland, \$/gross ton, weekly composite	24 Dec 2021	640	0.00%	Nov 2021	
MB-STE-0526	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, \$/gross ton, weekly composite	24 Dec 2021	610	0.00%	Nov 2021	
MB-STE-0527	Steel scrap No1 busheling, consumer buying price, delivered mill, \$/gross ton, weekly composite	24 Dec 2021	610	0.00%	Nov 2021	
MB-STE-0427	Steel scrap Shredded auto, daily composite, delivered mill US, \$/gross ton	24 Dec 2021	525.75	0.00%	Nov 2021	513.5
MB-STE-0519	Steel scrap shredded auto scrap, consumer buying price, delivered mill Alabama, \$/gross ton, weekly composite	24 Dec 2021	518	0.00%	Nov 2021	
MB-STE-0520	Steel scrap shredded auto scrap, consumer buying price, delivered mill Chicago, \$/gross ton, weekly composite	24 Dec 2021	540	0.00%	Nov 2021	
MB-STE-0521	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, \$/gross ton, weekly composite	24 Dec 2021	515	0.00%	Nov 2021	
MB-STE-0522	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, \$/gross ton, weekly composite	24 Dec 2021	530	0.00%	Nov 2021	
MB-STE-0523	Steel scrap shredded auto scrap, consumer buying price, delivered mill, \$/gross ton, weekly composite	24 Dec 2021	525.75	0.00%	Nov 2021	
MB-STE-0426	Steel scrap No1 heavy melt, daily composite, delivered mill US, \$/gross ton	24 Dec 2021	465	0.00%	Nov 2021	457.08
MB-STE-0428	Steel scrap No1 busheling, daily composite, delivered mill US, \$/gross ton	24 Dec 2021	610	0.00%	Nov 2021	606.33

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	27 Dec 2021	234.08	0.00%	Nov 2021	224.04
MB-STE-0787	Steel scrap shredder feed, fob Midwest, \$/gross ton	27 Dec 2021	220.07	0.00%	Nov 2021	215.47
MB-STE-0788	Steel scrap shredder feed, fob Southeast, \$/gross ton	27 Dec 2021	185.31	-0.82%	Nov 2021	185.82

Boston stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STSS-0178	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Boston, US cents/lb	21 Dec 2021	32 - 33	0.00%	Nov 2021	32 - 33
MB-STSS-0056	Stainless steel scrap 430 bundles, export yard buying price, delivered to yard Boston, \$/gross ton	21 Dec 2021	717 - 739	0.00%	Nov 2021	717 - 739

Chicago stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0185	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Chicago, \$/gross ton	07 Dec 2021	1366 - 1613	10.83%	Nov 2021	1210 - 1478
MB-ST5-0063	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Chicago, US cents/lb	07 Dec 2021	61 - 72	10.83%	Nov 2021	54 - 66
MB-ST5-0190	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, US cents/lb	21 Dec 2021	89 - 92	-3.72%	Nov 2021	85.6 - 89.6
MB-ST5-0068	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, \$/gross ton	21 Dec 2021	1994 - 2061	-3.70%	Nov 2021	1917.4 - 2007.2
MB-ST5-0186	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Chicago, \$/gross ton	07 Dec 2021	1478 - 1725	4.37%	Nov 2021	1344 - 1725
MB-ST5-0064	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Chicago, US cents/lb	07 Dec 2021	66 - 77	4.38%	Nov 2021	60 - 77
MB-ST5-0189	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, US cents/lb	21 Dec 2021	95 - 96	-3.54%	Nov 2021	92.6 - 94.6
MB-ST5-0067	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, \$/gross ton	21 Dec 2021	2128 - 2150	-3.54%	Nov 2021	2074.2 - 2119.2
MB-ST5-0184	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Chicago, \$/gross ton	07 Dec 2021	1478 - 1725	2.86%	Nov 2021	1389 - 1725
MB-ST5-0062	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	07 Dec 2021	66 - 77	2.88%	Nov 2021	62 - 77
MB-ST5-0191	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, US cents/lb	21 Dec 2021	34 - 37	-6.58%	Nov 2021	34.6 - 38.2
MB-ST5-0069	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, \$/gross ton	21 Dec 2021	762 - 829	-6.58%	Nov 2021	775.2 - 856
MB-ST5-0187	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Chicago, \$/gross ton	07 Dec 2021	538 - 627	0.00%	Nov 2021	538 - 627
MB-ST5-0065	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Chicago, US cents/lb	07 Dec 2021	24 - 28	0.00%	Nov 2021	24 - 28
MB-ST5-0192	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Chicago, US cents/lb	21 Dec 2021	30 - 32	-6.06%	Nov 2021	28.8 - 33.6
MB-ST5-0070	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Chicago, \$/gross ton	21 Dec 2021	672 - 717	-6.02%	Nov 2021	645 - 752.8
MB-ST5-0194	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Chicago, US cents/lb	21 Dec 2021	24 - 28	-10.34%	Nov 2021	25 - 29
MB-ST5-0072	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Chicago, \$/gross ton	21 Dec 2021	538 - 627	-10.32%	Nov 2021	560 - 649.6
MB-ST5-0193	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Chicago, US cents/lb	21 Dec 2021	31 - 33	-5.88%	Nov 2021	31 - 34.2
MB-ST5-0071	Stainless steel scrap 409 bundles, broker buying price, delivered to processor Chicago, \$/gross ton	21 Dec 2021	694 - 739	-5.91%	Nov 2021	694 - 766
MB-ST5-0183	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Chicago, \$/gross ton	07 Dec 2021	1971 - 2442	3.69%	Nov 2021	1904 - 2352
MB-ST5-0061	Stainless steel scrap 316 solids, dealer buying price, delivered to yard Chicago, US cents/lb	07 Dec 2021	88 - 109	3.68%	Nov 2021	85 - 105
MB-ST5-0066	Stainless steel scrap 316 solids, broker buying price, delivered to processor Chicago, \$/gross ton	21 Dec 2021	2800 - 2979	-4.45%	Nov 2021	2769 - 2898.6
MB-ST5-0188	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Chicago, US cents/lb	21 Dec 2021	125 - 133	-4.44%	Nov 2021	123.6 - 129.4

Cleveland stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0197	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Cleveland, \$/gross	07 Dec 2021	1389 - 1456	27.01%	Nov 2021	896 - 1344
MB-ST5-0202	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Cleveland, US cents/lb	21 Dec 2021	90 - 92	-2.67%	Nov 2021	85.4 - 89.6
MB-ST5-0201	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Cleveland, US cents/lb	21 Dec 2021	95 - 97	-2.54%	Nov 2021	91.2 - 94.6
MB-ST5-0079	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Cleveland, \$/gross ton	21 Dec 2021	2128 - 2173	-2.54%	Nov 2021	2043 - 2119.2
MB-ST5-0196	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Cleveland, \$/gross	07 Dec 2021	1478 - 1568	18.25%	Nov 2021	1120 - 1456
MB-ST5-0074	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Cleveland, US cents/lb	07 Dec 2021	66 - 70	18.26%	Nov 2021	50 - 65
MB-ST5-0075	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Cleveland, US cents/lb	07 Dec 2021	62 - 65	27.00%	Nov 2021	40 - 60
MB-ST5-0080	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Cleveland, \$/gross ton	21 Dec 2021	2016 - 2061	-2.67%	Nov 2021	1913 - 2007.2
MB-ST5-0198	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Cleveland, \$/gross	07 Dec 2021	1478 - 1568	18.25%	Nov 2021	1120 - 1456
MB-ST5-0076	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Cleveland, US cents/lb	07 Dec 2021	66 - 70	18.26%	Nov 2021	50 - 65
MB-ST5-0199	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Cleveland, \$/gross	07 Dec 2021	448 - 582	14.96%	Nov 2021	336 - 560
MB-ST5-0077	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Cleveland, US cents/lb	07 Dec 2021	20 - 26	15.00%	Nov 2021	15 - 25
MB-ST5-0195	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Cleveland, \$/gross	07 Dec 2021	1904 - 2083	22.75%	Nov 2021	1344 - 1904
MB-ST5-0200	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Cleveland, US cents/lb	21 Dec 2021	125 - 133	-4.09%	Nov 2021	123.2 - 129.4
MB-ST5-0078	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Cleveland, \$/gross ton	21 Dec 2021	2800 - 2979	-4.10%	Nov 2021	2760 - 2898.6
MB-ST5-0073	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Cleveland, US cents/lb	07 Dec 2021	85 - 93	22.76%	Nov 2021	60 - 85

Detroit stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0205	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Detroit, \$/gross ton	07 Dec 2021	1366 - 1389	21.74%	Nov 2021	1053 - 1210
MB-ST5-0083	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Detroit, US cents/lb	07 Dec 2021	61 - 62	21.78%	Nov 2021	47 - 54
MB-ST5-0210	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, US cents/lb	21 Dec 2021	90 - 92	-2.67%	Nov 2021	85.8 - 89.6
MB-ST5-0088	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, \$/gross ton	21 Dec 2021	2016 - 2061	-2.67%	Nov 2021	1921.8 - 2007.2
MB-ST5-0206	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Detroit, \$/gross ton	07 Dec 2021	1478 - 1523	20.72%	Nov 2021	1142 - 1344
MB-ST5-0084	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Detroit, US cents/lb	07 Dec 2021	66 - 68	20.72%	Nov 2021	51 - 60

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0209	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, US cents/lb	21 Dec 2021	95 - 97	-3.03%	Nov 2021	92.8 - 94.6
MB-ST5-0087	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, \$/gross ton	21 Dec 2021	2128 - 2173	-3.02%	Nov 2021	2078.8 - 2119.2
MB-ST5-0204	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Detroit, \$/gross ton	07 Dec 2021	1478 - 1523	20.72%	Nov 2021	1142 - 1344
MB-ST5-0082	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	07 Dec 2021	66 - 68	20.72%	Nov 2021	51 - 60
MB-ST5-0207	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Detroit, \$/gross ton	07 Dec 2021	538 - 582	6.36%	Nov 2021	493 - 560
MB-ST5-0085	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Detroit, US cents/lb	07 Dec 2021	24 - 26	6.38%	Nov 2021	22 - 25
MB-ST5-0211	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Detroit, US cents/lb	21 Dec 2021	36 - 37	-3.95%	Nov 2021	35.4 - 38
MB-ST5-0089	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Detroit, \$/gross ton	21 Dec 2021	806 - 829	-3.99%	Nov 2021	792.8 - 851.4
MB-ST5-0212	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Detroit, US cents/lb	21 Dec 2021	31 - 33	-3.03%	Nov 2021	30.4 - 33.6
MB-ST5-0213	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Detroit, US cents/lb	21 Dec 2021	26 - 28	-6.90%	Nov 2021	25.8 - 29
MB-ST5-0091	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Detroit, \$/gross ton	21 Dec 2021	582 - 627	-6.93%	Nov 2021	577.6 - 649.6
MB-ST5-0090	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Detroit, \$/gross ton	21 Dec 2021	694 - 739	-3.11%	Nov 2021	680.8 - 752.6
MB-ST5-0208	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Detroit, US cents/lb	21 Dec 2021	125 - 133	-3.73%	Nov 2021	123.6 - 129.4
MB-ST5-0086	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Detroit, \$/gross ton	21 Dec 2021	2800 - 2979	-3.73%	Nov 2021	2769 - 2898.6
MB-ST5-0203	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Detroit, \$/gross ton	07 Dec 2021	1971 - 2083	16.76%	Nov 2021	1568 - 1904
MB-ST5-0081	Stainless steel scrap 316 solids, dealer buying price, delivered to yard Detroit, US cents/lb	07 Dec 2021	88 - 93	16.77%	Nov 2021	70 - 85

East Coast stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0297	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard East Coast, \$/gross ton	07 Dec 2021	1478 - 1747	5.08%	Nov 2021	1434 - 1635
MB-ST5-0287	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard East Coast, US cents/lb	07 Dec 2021	66 - 78	5.11%	Nov 2021	64 - 73
MB-ST5-0295	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard East Coast, \$/gross ton	07 Dec 2021	1635 - 1747	13.53%	Nov 2021	1344 - 1635
MB-ST5-0285	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard East Coast, US cents/lb	07 Dec 2021	73 - 78	13.53%	Nov 2021	60 - 73
MB-ST5-0286	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard East Coast, US cents/lb	07 Dec 2021	66 - 68	10.74%	Nov 2021	58 - 63
MB-ST5-0296	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard East Coast, \$/gross ton	07 Dec 2021	1478 - 1523	10.74%	Nov 2021	1299 - 1411
MB-ST5-0298	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard East Coast, \$/gross ton	07 Dec 2021	538 - 605	-5.46%	Nov 2021	582 - 627

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0288	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard East Coast, US cents/lb	07 Dec 2021	24 - 27	-5.56%	Nov 2021	26 - 28
MB-ST5-0294	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard East Coast, \$/gross ton	07 Dec 2021	1971 - 2262	4.42%	Nov 2021	1904 - 2150
MB-ST5-0284	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard East Coast, US cents/lb	07 Dec 2021	88 - 101	4.42%	Nov 2021	85 - 96

Houston stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0218	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Houston, US cents/lb	21 Dec 2021	94 - 95	-1.56%	Nov 2021	92.6 - 94
MB-ST5-0096	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Houston, \$/gross ton	21 Dec 2021	2106 - 2128	-1.56%	Nov 2021	2074.2 - 2105.8
MB-ST5-0215	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Houston, \$/gross ton	07 Dec 2021	1344 - 1792	2.18%	Nov 2021	1389 - 1680
MB-ST5-0093	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	07 Dec 2021	60 - 80	2.19%	Nov 2021	62 - 75
MB-ST5-0219	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Houston, US cents/lb	21 Dec 2021	88 - 89	-1.12%	Nov 2021	85.8 - 87.8
MB-ST5-0097	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Houston, \$/gross ton	21 Dec 2021	1971 - 1994	-1.12%	Nov 2021	1921.8 - 1966.6
MB-ST5-0216	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Houston, \$/gross ton	07 Dec 2021	1389 - 1680	7.87%	Nov 2021	1277 - 1568
MB-ST5-0094	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Houston, US cents/lb	07 Dec 2021	62 - 75	7.87%	Nov 2021	57 - 70
MB-ST5-0220	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Houston, US cents/lb	21 Dec 2021	31 - 32	-13.70%	Nov 2021	28 - 29.8
MB-ST5-0098	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Houston, \$/gross ton	21 Dec 2021	694 - 717	-13.70%	Nov 2021	627.4 - 667.4
MB-ST5-0221	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Houston, US cents/lb	21 Dec 2021	26 - 27	12.77%	Nov 2021	22.2 - 23.2
MB-ST5-0099	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Houston, \$/gross ton	21 Dec 2021	582 - 605	12.73%	Nov 2021	497.2 - 519.6
MB-ST5-0214	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Houston, \$/gross ton	07 Dec 2021	2016 - 2352	4.27%	Nov 2021	2016 - 2173
MB-ST5-0092	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	07 Dec 2021	90 - 105	4.28%	Nov 2021	90 - 97
MB-ST5-0217	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Houston, US cents/lb	21 Dec 2021	132 - 133	-1.85%	Nov 2021	125.8 - 128.4
MB-ST5-0095	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Houston, \$/gross ton	21 Dec 2021	2957 - 2979	-1.85%	Nov 2021	2818 - 2876

Los Angeles stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0227	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Los Angeles, US cents/lb	21 Dec 2021	49.11 - 51.34	0.00%	Nov 2021	49.11 - 51.36
MB-ST5-0105	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Los Angeles, \$/gross ton	21 Dec 2021	1100 - 1150	0.00%	Nov 2021	1100 - 1150.4

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0226	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Los Angeles, US cents/lb	21 Dec 2021	69.2 - 70.31	0.00%	Nov 2021	70.31 - 71.43
MB-ST5-0104	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Los Angeles, \$/gross ton	21 Dec 2021	1550 - 1575	0.00%	Nov 2021	1575 - 1600
MB-ST5-0228	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Los Angeles, US cents/lb	21 Dec 2021	15.63 - 16.52	0.00%	Nov 2021	14.73 - 15.63
MB-ST5-0106	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Los Angeles, \$/gross ton	21 Dec 2021	350 - 370	0.00%	Nov 2021	330 - 350

Montreal stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0252	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Montreal, Canadian \$/gross ton	07 Dec 2021	1725 - 2061	-4.51%	Nov 2021	1725 - 2240
MB-ST5-0253	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Montreal, Canadian \$/gross ton	07 Dec 2021	2173 - 2352	-3.35%	Nov 2021	2173 - 2509
MB-ST5-0131	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	07 Dec 2021	97 - 105	-3.35%	Nov 2021	97 - 112
MB-ST5-0130	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	07 Dec 2021	77 - 92	-4.52%	Nov 2021	77 - 100
MB-ST5-0129	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	07 Dec 2021	97 - 105	-3.35%	Nov 2021	97 - 112
MB-ST5-0251	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Montreal, Canadian \$/gross ton	07 Dec 2021	2173 - 2352	-3.35%	Nov 2021	2173 - 2509
MB-ST5-0128	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	07 Dec 2021	135 - 146	-1.40%	Nov 2021	135 - 150
MB-ST5-0250	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Montreal, Canadian \$/gross ton	07 Dec 2021	3024 - 3270	-1.41%	Nov 2021	3024 - 3360

New York stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0236	Stainless steel scrap 304 turnings, broker buying price, delivered to processor New York, US cents/lb	21 Dec 2021	88 - 90	-2.73%	Nov 2021	85.8 - 89.6
MB-ST5-0114	Stainless steel scrap 304 turnings, broker buying price, delivered to processor New York, \$/gross ton	21 Dec 2021	1971 - 2016	-2.73%	Nov 2021	1921.8 - 2007.2
MB-ST5-0116	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, \$/gross ton	21 Dec 2021	1904 - 1938	0.00%	Nov 2021	1895.4 - 1917.4
MB-ST5-0238	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, US cents/lb	21 Dec 2021	85 - 86.5	0.00%	Nov 2021	84.6 - 85.6
MB-ST5-0235	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor New York, US cents/lb	21 Dec 2021	95 - 97	-3.03%	Nov 2021	92.8 - 95.2
MB-ST5-0113	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor New York, \$/gross ton	21 Dec 2021	2128 - 2173	-3.02%	Nov 2021	2078.8 - 2132.6
MB-ST5-0237	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, US cents/lb	21 Dec 2021	92 - 94	-2.87%	Nov 2021	94.9 - 96.1
MB-ST5-0115	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, \$/gross ton	21 Dec 2021	2061 - 2106	-2.87%	Nov 2021	2125.8 - 2152.4
MB-ST5-0239	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, US cents/lb	21 Dec 2021	32 - 33	0.00%	Nov 2021	32 - 33

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0117	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, \$/gross ton	21 Dec 2021	717 - 739	0.00%	Nov 2021	717 - 739
MB-ST5-0234	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor New York, US cents/lb	21 Dec 2021	125 - 133	-2.27%	Nov 2021	123.6 - 129.6
MB-ST5-0112	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor New York, \$/gross ton	21 Dec 2021	2800 - 2979	-2.27%	Nov 2021	2769 - 2903

Philadelphia stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0241	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Philadelphia, US cents/lb	21 Dec 2021	85 - 86.5	0.00%	Nov 2021	84.6 - 85.6
MB-ST5-0119	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Philadelphia, \$/gross ton	21 Dec 2021	1904 - 1938	0.00%	Nov 2021	1895.4 - 1917.4
MB-ST5-0240	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Philadelphia, US cents/lb	21 Dec 2021	92 - 94	-2.87%	Nov 2021	94.9 - 96.1
MB-ST5-0118	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Philadelphia, \$/gross ton	21 Dec 2021	2061 - 2106	-2.87%	Nov 2021	2125.8 - 2152.4
MB-ST5-0242	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Philadelphia, US cents/lb	21 Dec 2021	32 - 33	0.00%	Nov 2021	32 - 33
MB-ST5-0120	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Philadelphia, \$/gross ton	21 Dec 2021	717 - 739	0.00%	Nov 2021	717 - 739

Pittsburgh stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0042	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	07 Dec 2021	50 - 62	13.13%	Nov 2021	45 - 54
MB-ST5-0164	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	07 Dec 2021	1120 - 1389	13.12%	Nov 2021	1008 - 1210
MB-ST5-0169	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	21 Dec 2021	88 - 92	-3.74%	Nov 2021	85.4 - 89.6
MB-ST5-0047	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, \$/gross ton	21 Dec 2021	1971 - 2061	-3.75%	Nov 2021	1913 - 2007.2
MB-ST5-0256	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Dec 2021	87 - 87.75	4.65%	Nov 2021	83 - 84
MB-ST5-0134	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Dec 2021	1949 - 1966	4.65%	Nov 2021	1859 - 1882
MB-ST5-0168	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, US cents/lb	21 Dec 2021	94 - 97	-3.05%	Nov 2021	91.2 - 94.6
MB-ST5-0255	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Dec 2021	96 - 97.5	4.59%	Nov 2021	92 - 93
MB-ST5-0163	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	07 Dec 2021	1008 - 1568	0.00%	Nov 2021	1232 - 1344
MB-ST5-0041	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	07 Dec 2021	45 - 70	0.00%	Nov 2021	55 - 60
MB-ST5-0046	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, \$/gross ton	21 Dec 2021	2106 - 2173	-3.04%	Nov 2021	2043 - 2119.2
MB-ST5-0133	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Dec 2021	2150 - 2184	4.58%	Nov 2021	2061 - 2083

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0165	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	07 Dec 2021	1008 - 1568	0.00%	Nov 2021	1232 - 1344
MB-ST5-0043	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	07 Dec 2021	45 - 70	0.00%	Nov 2021	55 - 60
MB-ST5-0171	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	21 Dec 2021	24 - 32	-15.15%	Nov 2021	30 - 33
MB-ST5-0049	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Pittsburgh, \$/gross ton	21 Dec 2021	538 - 717	-15.15%	Nov 2021	672 - 739.4
MB-ST5-0257	Stainless steel scrap 430 bundles, solids, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Dec 2021	33.71 - 34.6	0.00%	Nov 2021	33.71 - 34.6
MB-ST5-0170	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, US cents/lb	21 Dec 2021	32 - 37	-9.21%	Nov 2021	35 - 38
MB-ST5-0048	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, \$/gross ton	21 Dec 2021	717 - 829	-9.22%	Nov 2021	784 - 851.4
MB-ST5-0135	Stainless steel scrap 430 bundles, solids, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Dec 2021	755 - 775	0.00%	Nov 2021	755 - 775
MB-ST5-0166	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	07 Dec 2021	336 - 582	5.03%	Nov 2021	336 - 538
MB-ST5-0044	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	07 Dec 2021	15 - 26	5.13%	Nov 2021	15 - 24
MB-ST5-0172	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Pittsburgh, US cents/lb	21 Dec 2021	28 - 32	-10.45%	Nov 2021	30.4 - 33.6
MB-ST5-0258	Stainless steel scrap 409 bundles, solids, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Dec 2021	29.24 - 29.46	0.00%	Nov 2021	29.24 - 29.46
MB-ST5-0136	Stainless steel scrap 409 bundles, solids, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Dec 2021	655 - 660	0.00%	Nov 2021	655 - 660
MB-ST5-0173	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	21 Dec 2021	21 - 27	-15.79%	Nov 2021	25 - 29
MB-ST5-0050	Stainless steel scrap 409 bundles, broker buying price, delivered to processor Pittsburgh, \$/gross ton	21 Dec 2021	627 - 717	-10.46%	Nov 2021	680.8 - 752.6
MB-ST5-0051	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Pittsburgh, \$/gross ton	21 Dec 2021	470 - 605	-15.82%	Nov 2021	560 - 649.6
MB-ST5-0167	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Pittsburgh, US cents/lb	21 Dec 2021	125 - 133	-4.44%	Nov 2021	123.2 - 129.4
MB-ST5-0254	Stainless steel scrap 316 solids, clips, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Dec 2021	138 - 138.5	2.41%	Nov 2021	134 - 136
MB-ST5-0162	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	07 Dec 2021	1680 - 2083	8.38%	Nov 2021	1568 - 1904
MB-ST5-0040	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	07 Dec 2021	75 - 93	8.39%	Nov 2021	70 - 85
MB-ST5-0132	Stainless steel scrap 316 solids, clips, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Dec 2021	3091 - 3102	2.40%	Nov 2021	3002 - 3046
MB-ST5-0045	Stainless steel scrap 316 solids, broker buying price, delivered to processor Pittsburgh, \$/gross ton	21 Dec 2021	2800 - 2979	-4.45%	Nov 2021	2760 - 2898.6

San Francisco stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0248	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard San Francisco, US cents/lb	21 Dec 2021	49.11 - 51.34	0.00%	Nov 2021	49.11 - 51.36

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0126	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard San Francisco, \$/gross ton	21 Dec 2021	1100 - 1150	0.00%	Nov 2021	1100 - 1150.4
MB-ST5-0247	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard San Francisco, US cents/lb	21 Dec 2021	69.2 - 70.31	0.00%	Nov 2021	70.31 - 71.43
MB-ST5-0125	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard San Francisco, \$/gross ton	21 Dec 2021	1550 - 1575	0.00%	Nov 2021	1575 - 1600
MB-ST5-0249	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard San Francisco, US cents/lb	21 Dec 2021	15.63 - 16.52	0.00%	Nov 2021	14.73 - 15.63
MB-ST5-0127	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard San Francisco, \$/gross ton	21 Dec 2021	350 - 370	0.00%	Nov 2021	330 - 350

Southeast US stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0151	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	21 Dec 2021	90 - 92	-3.19%	Nov 2021	85.8 - 89.4
MB-ST5-0139	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Southeast US, \$/gross ton	21 Dec 2021	2016 - 2061	-3.18%	Nov 2021	1921.8 - 2002.8
MB-ST5-0147	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Southeast US, US cents/lb	07 Dec 2021	38 - 62	2.04%	Nov 2021	38 - 60
MB-ST5-0159	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Southeast US, \$/gross ton	07 Dec 2021	851 - 1389	2.05%	Nov 2021	851 - 1344
MB-ST5-0138	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Southeast US, \$/gross ton	21 Dec 2021	2128 - 2173	-3.02%	Nov 2021	2078.8 - 2119.2
MB-ST5-0150	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Southeast US, US cents/lb	21 Dec 2021	95 - 97	-3.03%	Nov 2021	92.8 - 94.6
MB-ST5-0158	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Southeast US, \$/gross ton	07 Dec 2021	1120 - 1546	3.49%	Nov 2021	1120 - 1456
MB-ST5-0146	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Southeast US, US cents/lb	07 Dec 2021	50 - 69	3.48%	Nov 2021	50 - 65
MB-ST5-0145	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Southeast US, US cents/lb	07 Dec 2021	50 - 69	3.48%	Nov 2021	50 - 65
MB-ST5-0157	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Southeast US, \$/gross ton	07 Dec 2021	1120 - 1546	3.49%	Nov 2021	1120 - 1456
MB-ST5-0161	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Southeast US, \$/gross ton	07 Dec 2021	403 - 582	29.27%	Nov 2021	224 - 538
MB-ST5-0155	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Southeast US, US cents/lb	21 Dec 2021	36 - 37	-2.67%	Nov 2021	34.2 - 38
MB-ST5-0143	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Southeast US, \$/gross ton	21 Dec 2021	806 - 829	-2.68%	Nov 2021	766 - 851.4
MB-ST5-0144	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Southeast US, \$/gross ton	21 Dec 2021	694 - 717	-3.09%	Nov 2021	658.4 - 739.4
MB-ST5-0156	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	21 Dec 2021	31 - 32	-3.08%	Nov 2021	29.4 - 33
MB-ST5-0149	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Southeast US, US cents/lb	07 Dec 2021	18 - 26	29.41%	Nov 2021	10 - 24
MB-ST5-0154	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	21 Dec 2021	26 - 27	-7.02%	Nov 2021	24.6 - 29
MB-ST5-0142	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Southeast US, \$/gross ton	21 Dec 2021	582 - 605	-7.05%	Nov 2021	551.2 - 649.6

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0141	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Southeast US, \$/gross ton	21 Dec 2021	694 - 717	-6.00%	Nov 2021	672 - 752.6
MB-ST5-0153	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Southeast US, US cents/lb	21 Dec 2021	31 - 32	-5.97%	Nov 2021	30 - 33.6
MB-ST5-0160	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Southeast US, \$/gross ton	07 Dec 2021	1837 - 2128	10.63%	Nov 2021	1568 - 2016
MB-ST5-0148	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Southeast US, US cents/lb	07 Dec 2021	82 - 95	10.63%	Nov 2021	70 - 90
MB-ST5-0152	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Southeast US, US cents/lb	21 Dec 2021	125 - 133	-4.44%	Nov 2021	123.6 - 129.4
MB-ST5-0140	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Southeast US, \$/gross ton	21 Dec 2021	2800 - 2979	-4.45%	Nov 2021	2769 - 2898.6

West Coast stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0301	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard West Coast, \$/gross ton	07 Dec 2021	739 - 784	0.00%	Nov 2021	739 - 784
MB-ST5-0291	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard West Coast, US cents/lb	07 Dec 2021	33 - 35	0.00%	Nov 2021	33 - 35
MB-ST5-0302	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard West Coast, \$/gross ton	07 Dec 2021	1098 - 1165	0.00%	Nov 2021	1098 - 1165
MB-ST5-0292	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard West Coast, US cents/lb	07 Dec 2021	49 - 52	0.00%	Nov 2021	49 - 52
MB-ST5-0300	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard West Coast, \$/gross ton	07 Dec 2021	1098 - 1165	0.00%	Nov 2021	1098 - 1165
MB-ST5-0290	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard West Coast, US cents/lb	07 Dec 2021	49 - 52	0.00%	Nov 2021	49 - 52
MB-ST5-0299	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard West Coast, \$/gross ton	07 Dec 2021	1434 - 1478	0.00%	Nov 2021	1434 - 1478
MB-ST5-0289	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard West Coast, US cents/lb	07 Dec 2021	64 - 66	0.00%	Nov 2021	64 - 66

Europe domestic

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

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0085	Steel scrap 9A/10 heavy and light cast iron domestic, delivered consumer UK, £/tonne	10 Dec 2021	240 - 255	0.00%	Nov 2021	240 - 255
MB-STE-0078	Steel scrap 11A cast iron borings (low P) domestic, delivered consumer UK, £/tonne	10 Dec 2021	200 - 210	0.00%	Nov 2021	200 - 210
MB-STE-0086	Steel scrap 9B/C cylinder block scrap domestic, delivered consumer UK, £/tonne	10 Dec 2021	260 - 275	0.00%	Nov 2021	260 - 275
MB-STE-0083	Steel scrap 8A new loose light cuttings domestic, delivered consumer UK, £/tonne	10 Dec 2021	285 - 300	0.00%	Nov 2021	285 - 300
MB-STE-0077	Steel scrap 1&2 old steel domestic, delivered consumer UK, £/tonne	10 Dec 2021	230 - 245	0.00%	Nov 2021	230 - 245
MB-STS-0012	Steel scrap 5C loose old light domestic, delivered inter-merchant UK, £/tonne	24 Dec 2021	185 - 200	0.00%	Nov 2021	185 - 196.25
MB-STE-0167	Steel scrap No E3 (old thick scrap) domestic, delivered mill Italy, €/tonne	14 Dec 2021	420 - 430	6.25%	Nov 2021	380 - 420
MB-STE-0169	Steel scrap No E3 (old thick steel scrap) domestic, delivered mill Germany, €/tonne	17 Dec 2021	420 - 430	1.19%	Nov 2021	410 - 430
MB-STE-0093	Steel scrap auto bundle scrap domestic, delivered Turkey, lira/tonne	20 Dec 2021	6490 - 7600	12.90%	Nov 2021	4602 - 5310
MB-STE-0415	Steel scrap E8 thin new production steel domestic, delivered consumer Germany, €/tonne	17 Dec 2021	490 - 500	1.54%	Nov 2021	480 - 495
MB-STE-0168	Steel scrap No E8 (thin new production steel scrap) domestic, delivered mill Italy, €/tonne	14 Dec 2021	490 - 510	6.38%	Nov 2021	460 - 480
MB-STE-0414	Steel scrap E40 shredded domestic, delivered consumer Germany, €/tonne	17 Dec 2021	430 - 440	0.58%	Nov 2021	430 - 435
MB-STE-0849	Steel scrap E40 shredded, delivered to mill Italy, €/tonne	14 Dec 2021	475 - 490	6.04%	Nov 2021	450 - 460

Europe export

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0095	Steel scrap shredded import, cfr delivered Turkish port, \$/tonne	24 Dec 2021	474 - 485	-0.93%	Nov 2021	508.25 - 520.75
MB-STE-0096	Steel scrap HMS 1&2 (75:25 mix) import, cfr delivered Turkish port, \$/tonne	24 Dec 2021	449 - 451	-1.10%	Nov 2021	480.75 - 485
MB-STE-0097	Steel scrap HMS 1&2 (75:25 mix) export, fob Rotterdam, \$/tonne	24 Dec 2021	411 - 413	-1.20%	Nov 2021	438.5 - 442.75
MB-STE-0098	Steel scrap shredded export, fob Rotterdam, \$/tonne	24 Dec 2021	435 - 437	-1.36%	Nov 2021	465.25 - 468.25
MB-STE-0099	Steel scrap shredded export, fob main port UK, \$/tonne	24 Dec 2021	442 - 443	-2.10%	Nov 2021	469.75 - 472
MB-STE-0100	Steel scrap HMS 1&2 (80:20 mix) export, fob main port UK, \$/tonne	24 Dec 2021	422 - 423	-2.20%	Nov 2021	450.25 - 452.5
MB-STE-0416	Steel scrap HMS 1&2 (80:20 mix) North Europe origin, cfr Turkey, \$/tonne	24 Dec 2021	456.68	0.00%	Nov 2021	491.15
MB-STE-0894	Steel scrap, HMS 1&2 (80:20 mix), month-to-date deal-weighted average, North Europe origin, cfr Turkey, \$/tonne	24 Dec 2021	462.85	-0.13%	Nov 2021	488.82
MB-STE-0417	Steel scrap HMS 1&2 (80:20 mix) US origin, cfr Turkey, \$/tonne	24 Dec 2021	464.65	0.00%	Nov 2021	499.04
MB-STE-0420	Steel scrap HMS 1&2 (80:20 mix), fob Rotterdam, \$/tonne	24 Dec 2021	421.54	-0.93%	Nov 2021	449.12

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	24 Dec 2021	1850 - 1870	0.00%	Nov 2021	1760 - 1785
MB-STS-0011	Stainless steel scrap 18/8 turnings domestic, delivered merchants UK, £/tonne	24 Dec 2021	1305 - 1365	0.75%	Nov 2021	1222.5 - 1291.25
MB-STS-0010	Stainless steel scrap 18/8 solids domestic, delivered merchants UK, £/tonne	24 Dec 2021	1500 - 1570	0.66%	Nov 2021	1405 - 1485

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0009	Stainless steel scrap 18/8 turnings import, cif main European port, €/tonne	24 Dec 2021	1700	0.00%	Nov 2021	1573.75 - 1606.25
MB-ST5-0013	Stainless steel scrap 12-13% Cr solids domestic, delivered merchants UK, £/tonne	24 Dec 2021	350 - 370	0.00%	Nov 2021	350 - 370
MB-ST5-0014	Stainless steel scrap 16-17% Cr solids domestic, delivered merchants UK, £/tonne	24 Dec 2021	390 - 410	0.00%	Nov 2021	390 - 410
MB-ST5-0261	Stainless steel scrap 316 solids import, cif main port Europe, €/tonne	24 Dec 2021	2650 - 2660	0.00%	Nov 2021	2550 - 2560
MB-ST5-0262	Stainless steel scrap 316 turnings import, cif main port Europe, €/tonne	24 Dec 2021	2385 - 2395	0.00%	Nov 2021	2295 - 2302.5
MB-ST5-0260	Stainless steel scrap 316 turnings domestic, delivered merchants UK, £/tonne	24 Dec 2021	1825 - 1915	0.54%	Nov 2021	1763.75 - 1835
MB-ST5-0259	Stainless steel scrap 316 solids domestic, delivered merchants UK, £/tonne	24 Dec 2021	2100 - 2200	0.47%	Nov 2021	2027.5 - 2111.25

Asia domestic and export

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0149	Steel scrap heavy scrap domestic, delivered mill China, yuan/tonne	24 Dec 2021	3500 - 3610	3.19%	Nov 2021	3285 - 3472.5
MB-STE-0889	Steel scrap, index, heavy recycled steel materials, cfr east China, \$/tonne	27 Dec 2021	485	0.41%	Nov 2021	475.77
MB-STE-0895	Steel scrap, index, heavy recycled steel materials, cfr north China, \$/tonne	27 Dec 2021	495	0.40%	Nov 2021	485.77
MB-STE-0464	Steel scrap HMS 1&2 (80:20 mix) US material import, cfr main port Taiwan, \$/tonne	27 Dec 2021	442 - 445	0.00%	Nov 2021	456.62 - 460.62
MB-STE-0874	Steel scrap H2 export, fob main port Japan, ¥/tonne	22 Dec 2021	47500 - 48500	0.52%	Nov 2021	51125 - 52500
MB-STE-0875	Steel scrap shredded export, fob main port Japan, ¥/tonne	22 Dec 2021	52000 - 53000	-0.94%	Nov 2021	58250 - 59000
MB-STE-0876	Steel scrap Shindachi bara export, fob main port Japan, ¥/tonne	22 Dec 2021	56000 - 58000	-1.72%	Nov 2021	64500 - 65125
MB-STE-0877	Steel scrap heavy scrap (HS) export, fob main port Japan, ¥/tonne	22 Dec 2021	55000 - 56000	-1.77%	Nov 2021	62000 - 62500
MB-STE-0878	Steel scrap H2 Japan-origin import, cfr Vietnam, \$/tonne	24 Dec 2021	485	0.00%	Nov 2021	513.75 - 517.5
MB-STE-0783	Steel scrap HMS 1&2 (80:20), cfr Vietnam, \$/tonne	24 Dec 2021	500	-5.21%	Nov 2021	536.25 - 540
MB-STE-0879	Steel scrap H2 Japan origin import, cfr main port South Korea, ¥/tonne	24 Dec 2021	50500 - 51000	-1.46%	Nov 2021	55250 - 56125
MB-STE-0880	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr South Korea, \$/tonne	24 Dec 2021	490 - 500	-1.98%	Nov 2021	518.5 - 526
MB-STE-0421	Steel scrap shredded, index, import, cfr Nhava Sheva, India \$/tonne	24 Dec 2021	525.1	-0.92%	Nov 2021	546.65
MB-STE-0413	Steel scrap HMS 1&2 (80:20 mix) import, cfr Nhava Sheva, India, \$/tonne	24 Dec 2021	440 - 460	-0.55%	Nov 2021	470 - 485
MB-STE-0881	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr Bangladesh, \$/tonne	23 Dec 2021	520 - 530	-0.94%	Nov 2021	553.75 - 566.25
MB-STE-0884	Steel scrap HMS 1&2 (80:20) containerized import, cfr Bangladesh, \$/tonne	23 Dec 2021	515 - 532	-0.48%	Nov 2021	545 - 555
MB-STE-0885	Steel scrap shredded containerized import, cfr Bangladesh, \$/tonne	23 Dec 2021	550 - 555	0.00%	Nov 2021	573.75 - 583
MB-STE-0886	Steel scrap shredded deep-sea origin import, cfr Bangladesh, \$/tonne	23 Dec 2021	530 - 545	-0.46%	Nov 2021	566.25 - 576.25
MB-STE-0887	Steel scrap shredded, index, import, cfr Port Qasim, Pakistan \$/tonne	24 Dec 2021	534.09	-1.32%	Nov 2021	560.41