

All metals news

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Top stories

US rebar tags flat; mart conditions stable

By Abby Verret - Thursday 20 January

Steel reinforcing bar prices in the United States were stable on Wednesday January 19, with no strong expectations of a change anytime soon.

Fastmarkets' price assessment for [steel reinforcing bar \(rebar\)](#), [fob mill US](#) remained at a 13-year high of \$51.50 per hundredweight (\$1,030 per short ton) on Wednesday, unchanged since December 1, 2021.

US market

The domestic rebar market remained quiet and stable. There were hints that it could soften soon, but those elements may be canceled out by bullish factors including high import costs and continued Covid-related slowdowns, sources said.

The recent decline in scrap prices and possible increase in rebar availability may herald a coming price drop, according to a southern distributor source.

"I'm getting more people asking what it will take to get an order, so maybe with a competitive bid we could get a bit better price," the source said. "That's a sign availability is coming back, which will likely lead to softening, especially with scrap dropping \$60 per ton."

However, a southern fabricator source thinks more market conditions would need to change for the price to start to fall.

"Business is strong here and the supply/demand balance feels very delicate," he said. "I don't expect any adjustment in mill pricing until there is sufficient foreign pressure [both material volume and pricing] to push it down. February arrivals are not priced significantly below current domestic rebar prices, and the mills are broadcasting the fact that they can (and will) move prices if or when that happens."

Imports

Fastmarkets' weekly price assessment for [steel reinforcing bar \(rebar\)](#), [import](#), [loaded truck Port of Houston for immediate delivery](#) was at \$960-990 per short ton (\$48.00-49.50 per cwt) on Wednesday, unchanged since December 29, 2021.

While Turkish and Algerian prices declined shortly after the recent devaluation of the Turkish lira, they have since stabilized, according to market participants.

Additionally, the high cost of freight and energy from these markets has kept the prices high enough that neither domestic nor Mexican rebar prices have been pressured downward.

Demand has improved recently for Mexican rebar into the US, with an expectation that it will reach typical levels by March, a trader source said.

US HRC index up slightly; mart still bearish

By Abby Verret - Thursday 20 January

Hot-rolled coil prices in the United States regained some footing on Thursday January 20 compared to the previous day's nine-month low, but the market remained bearish.

Fastmarkets' daily [steel hot-rolled coil index](#), [fob mill US](#) was calculated at \$72.45 per hundredweight (\$1,449.00 per short ton) on Thursday January 20, up by 0.77% from \$71.90 per cwt on Wednesday, and down by 4.72% from \$76.04 per cwt a week earlier.

Fresh inputs were received in the distributor sub-index in a range of \$57-73 per cwt, representing offers and general indications of current spot market pricing.

One input at the low end was automatically discarded as an outlier, and one input at the high end was discarded at the assessor's discretion because it did not fall within the Fastmarkets methodology's geographical specifications.

Inputs were carried over in the producer and consumer sub-indices due to a lack of liquidity there.

Heard in the market

Sources continue to report that well-stocked inventories and the low cost of imported steel are deterrents to purchasing from domestic mills.

Some sources have noted that futures are currently inexpensive enough to make current spot prices seem too high to consider; others, however, have expressed hesitancy to even consider futures until there is a stronger sense of where things may stabilize.

Quote of the day

"Things seem to be dropping quickly and mills are still looking for spot deals," a distributor source said. "Who would pay \$75 per cwt or even \$70 per cwt for spot when you can buy a future for close to \$60 per cwt in February and close to \$50 per cwt in March. Just buy the future."

Boliden restarts Harjavalta nickel smelter

By Yasemin Esmen - Thursday 20 January

Swedish mining company Boliden has resumed nickel production at its Harjavalta smelter in southwest Finland, the company announced on Wednesday January 19.

Production will be ramped up to the annual feed capacity of 370,000 tonnes, the company said.

The company halted production on December 24, following a slag explosion at the facility that damaged the mechanical construction and the slag tapping system.



Harjavalta is the only nickel smelter in Europe and produces nickel matte.

Fastmarkets' assessment for [nickel premium, in-whs at \\$150-200 per tonne](#) widened upward to \$150-200 per tonne on Tuesday January 18 from \$150-170 per tonne the week earlier. The premium rose by 250% from \$20-80 per tonne on January 19, 2021, amid [strong demand for the metal, which is used in electric vehicle batteries](#).

Harjavalta produced 3,666 tonnes of nickel matte in the third quarter of 2021, down by 49.66% from 7,282 tonnes in the second quarter. Nickel production during the third quarter was affected by a fire in mid-July and an extensive maintenance shutdown.

Cu scrap discounts fall; Comex bounces up

By Kirstyn Petras - Thursday 20 January

Copper scrap discounts in the United States fell on Wednesday January 19, with sources citing continued high demand and a lack of available supply.

"Spreads [are] coming back in," one market source said on January 19.

Fastmarkets' assessment of the [copper scrap No1 copper, discount, buying price, delivered to brass mill US](#) was at 9-12 cents per lb on Wednesday, down from 11-14 cents per lb on January 12.

The assessment of the [copper scrap No1 copper, discount, buying price, delivered to refiners](#) narrowed to 18-20 cents per lb on January 19 from 18-22 cents per lb one week earlier.

"Demand is getting stronger, or supply is getting thinner; could be a combination of both," one market source said, noting that storms and other logistical concerns could be affecting delivery of product.

This source added that buyers have been reaching out earlier in the month to secure the product they require.

The Comex price was also cited for the tightening spreads, with another source referring to the price changes as a "roller coaster."

The most-active March delivery [Comex copper contract](#) settled at \$4.47 per lb on Wednesday. The price had risen to \$4.5765 per lb on January 12 and fell to \$4.3825 on January 18 before climbing again the next day.

Discounts to brass ingot makers registered mixed movements.

Fastmarkets' assessment of the [copper scrap No1 bare bright, discount, buying price, delivered to brass ingot makers](#), narrowed downward to 7-10 cents per lb on Wednesday from 7-11 cents per lb on January 12.

The discounts for [No2 copper, delivered to brass ingot makers](#), and [light copper, delivered to brass ingot makers](#) decreased to 48-52 cents per lb and 55-57 cents per lb respectively on January 19 from 50-54 cents and 57-60 cents per lb the previous week.

But the assessment of the [copper scrap No1 copper, discount, buying price, delivered to brass ingot makers](#), was stable at 21-25 cents per lb on January 19.

Brass market participants are "still waiting" to act on the Comex movements, one seller said on Wednesday.

The assessment of the buying price for [copper scrap No1 comp solids, delivered to brass ingot makers](#) was stable week on week at \$3.35-3.39 per lb on January 19.

Prices for [comp borings, turnings, delivered to brass ingot makers](#), and [yellow brass solids, delivered to brass ingot makers](#), were also unchanged on the

week at \$3.20-3.23 and \$2.75-2.80 per lb respectively on Wednesday.

The buying price for [copper scrap radiators, delivered to brass ingot makers](#) was assessed at \$2.58-2.63 per lb on January 19, up by 0.39% from \$2.57-2.62 per lb on January 12.

COPPER AND BRASS SCRAP		
Brass mill scrap discounts*	01/19/2022	01/12/2022
No1 copper	9 to 12	11 to 14
Refiners' copper scrap discounts*	01/19/2022	01/12/2022
No1 copper	18 to 20	18 to 22
No2 copper	50 to 53	50 to 53
Brass ingot makers' scrap discounts*	01/19/2022	01/12/2022
No1 bare bright	7 to 10	7 to 11
No1	21 to 25	21 to 25
No2	48 to 52	50 to 54
Light copper	55 to 57	57 to 60
Brass ingot makers' scrap prices (in cents per lb)	01/19/2022	01/12/2022
No1 comp solids	335 to 339	335 to 339
Comp borings, turnings	320 to 323	320 to 323
Radiators	258 to 263	257 to 262
Yellow brass solids	275 to 280	275 to 280
*Discounts, in cents, based on the most actively traded Comex copper contract.		Source: Fastmarkets

Big CRC, galv spreads may slim vs HRC: mart

By Dom Yanchunas - Thursday 20 January

The historically wide premium levels for cold-rolled coil and hot-dip galvanized base pricing over hot-rolled coil in the United States are destined to narrow - and potentially in a hurry, according to analysts and market participants.

Both CRC and HDG base have been trading at more than \$20 per hundredweight (\$400 per short ton) above HRC over the past month, according to Fastmarkets data. That is more than double the customary mark-up for the value-add items over hot-rolled.

Partially due to disproportionately high import volumes reported for HRC, that item shed a greater percentage of its value from the all-time highs achieved in September 2021. Spreads for CRC and HDG - both of which also weakened but not as severely - compared with HRC began widening around that time.

After the steady decline in hot-rolled pricing took a steeper turn in December, those spreads grew to a previously unheard-of gap of at least \$24-25 per cwt. Buyers take one look at those numbers and balk at restocking any items that can wait.

"On value add, that spread remains gigantic," one coil consumer said. "No one wants to buy anything meaningful on spot right now, as they are waiting for prices to fall more... I feel that pricing will continue to get pressed down over the next three to four weeks."

As of Wednesday January 19, Fastmarkets' price assessment for steel cold-rolled coil, fob mill US stood at \$97.50 per cwt, while steel hot-dipped galvanized coil (cold-rolled base), fob mill US, was at \$96 per cwt.

Fastmarkets' [steel hot-rolled coil index, fob mill US](#) on Wednesday was calculated at \$71.90 per cwt, the lowest since April 2021. That means, at Wednesday's prices, [CRC](#) was \$25.60 per cwt above HRC, and the [galvanized base](#) was \$24.10 per cwt above HRC.

While a \$200-per-ton premium has been a general rule of thumb over the years, the spreads contracted to less than \$150 per ton at the height of the Covid-19 pandemic in 2020, when the US was in deep recession and manufacturing activity was temporarily interrupted, and also during the Great Recession of 2018.

A mill source stated that end-usage of coated steel remains strong, particularly in construction, home appliance and light manufacturing. Demand for CRC has been hurt by the automotive chip shortage.

Other market participants, however, said import volumes are the current threat to all domestic flat-steel pricing.

Last year, US imports of the cold-rolled and galvanized categories each saw less than one-third the percentage jump in incoming hot-rolled volumes, according to Fastmarkets Research analysts. That trend is now shifting, and pricing for the value-add items ultimately will be impacted.

"Current CRC or HDG price premiums over HRC are not sustainable in our view, as higher US prices started to attract more foreign suppliers," according to Marina Maliushkina, Fastmarkets Research senior analyst for metals and mining.

"While HRC imports have been declining on a month-on-month basis after peaking in October, downstream imports continued to grow. In November 2021, CRC and HDG import volumes reached their highest levels since April 2018, a period when US buyers were ramping up bookings of foreign steel prior to the introduction of Section 232 measures on all of the main US trading partners."

US import licenses covering hot-dipped galvanized sheet/strip for December 2021 rose by 118.27% to 309,057 tonnes compared with December 2020, according to the International Trade Administration. For cold-rolled sheet, import licenses were up by 75.50% over the same period to 144,946 tonnes. The increase for hot-rolled coil was 62.88% to 241,636 tonnes.

A midwestern distributor said the domestic pricing correction is poised to accelerate as early as this month, mainly because material is so plentiful now and nobody is worried about buying what they need for at least the remainder of the first quarter. Because of the stalled order flow, lead times at domestic mills for cold-rolled and galvanized material have been trimmed to four to six weeks. A trend toward deep discounting started for December year-end purchase orders, but hot-rolled pricing continued to deteriorate at that time too.

Now, the midwestern distributor said it is the value-added items' turn for an intensifying price slump.

"Within the next couple of weeks, we are probably going to see those spreads going back to normal," this distributor said.

One large end-user of galvanized sheet stated that the jumbo spreads versus hot-rolled can persist longer than that.

The consumer said there is potential for still more import HRC tonnage to arrive in the US. Domestic volumes of cold-rolled have been relatively low during the automotive chip shortage, and the import arrivals of HDG are mostly light-gauge items and not the 0.03in to 0.13in thickness in Fastmarkets' assessment.

Demand for high-grade iron ore continues amid China steel ramp-up

By Alex Theo - Thursday 20 January

Chinese steelmakers have gradually resumed steel production in the beginning of 2022 after almost six months of production curbs, leading to an increase in demand for high-grade iron ore.

Mills optimizing productivity

A Singapore-based trader believes that most steelmakers in China have switched their focus to optimizing steel production since the start of January this year.

"Most mills seem to have been gradually increasing their steel production after a six-month period of keeping production low since the introduction of steel production curbs by the Chinese government back in July 2021," the trader said.

With the gradual resumption of steel production, mills have started to consume a blend of low-grade iron ore fines – Yandi fines (YF), Super Special fines (SSF), Fortescue Blend fines (FBF), Robe River fines (RRF), Roy Hill fines (RHF) – along with high-grade iron ore fines and Iron Ore Carajas fines (IOCJ), the same trader said.

Most transactions at Chinese ports in January so far have involved YF, SSF and IOCJ, an analyst in Shanghai said.

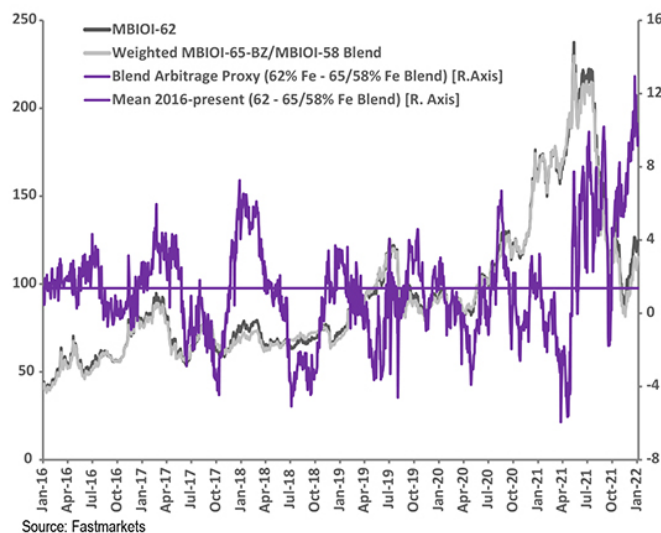
"Some mills were actively seeking IOCJ cargoes in the secondary market in January, compared with offering the same high-grade iron ore fines cargoes back in November and December last year when demand was weaker," the same analyst said.

The month-to-date average for Fastmarkets' index for **iron ore 65% Fe Brazil-origin fines, cfr Qingdao** was \$153.65 per tonne as of Wednesday January 19, up by \$21.63 per tonne, or 16.4%, from the average of \$132.02 in December last year.

Lower cost to blend 58% Fe fines with 65% Fe fines

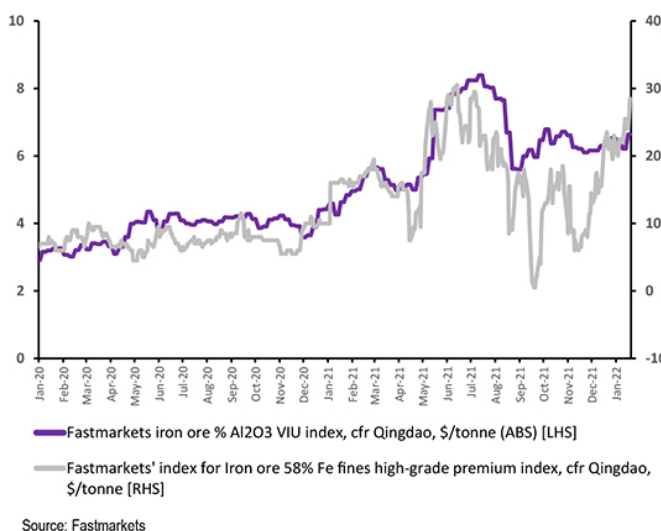
The Blend Arbitrage Indicator, as shown in the below graph, is calculated using Fastmarkets' 62% Fe fines index, 58% Fe fines index and 65% Fe fines index. A higher-than-zero Blend Arbitrage Proxy value – reflected in the purple line – suggests that the cost of using 62% Fe mid-grade fines for sintering is higher than the cost of using a blend of 58% Fe low-grade fines with 65% Fe high-grade fines, Jane Fan, index manager at Fastmarkets MB explained.

BLEND ARBITRAGE INDICATOR - FASTMARKETS 62% FE INDEX VS 65%/58% FE INDEX BLEND PROXY



The latest Blend Arbitrage Proxy value in the graph suggested that it is more economically efficient to use a blending of 65% Fe high-grade fines and 58% Fe fines than to use 62% Fe mid-grade fines for sintering. This is one of the factors supporting the recovery of high-grade premium in recent weeks, Fan said.

FASTMARKETS AL VALUE-IN-USE INDEX VS 58% FE FINES HIGH-GRADE PREMIUM INDEX



Another factor contributing to high-grade premium's strength is the deep penalty level of impurities caused by high coke prices in China, the index manager added.

Fastmarkets Alumina value-in-use index – shown by the purple line in the above graph – averaged at a discount of \$6.28 per tonne per percentage of alumina in 2021, which is 69.4% higher in absolute value than the yearly average of a discount of \$3.82 per tonne in 2020, Fan explained.

The Fastmarkets' assessed price for coke 65% CSR, fob China, averaged at \$511.40 per tonne in 2021, which is 71.4% higher than the yearly average of \$298.39 per tonne the previous year, Fan added.

The recent widening trend of the 65/62% Fe fines index spread is also

reflected in the high-grade premium index for 58% Fe fines. Fastmarkets' 58% Fe fines high-grade premium index – shown in the gray line in the above graph – has been rising drastically during the past three months. It rose by 375% from \$6 per tonne in mid-November to \$28.50 per tonne as of Wednesday January 19.

Ongoing sintering restrictions prompt strong demand for direct-charge raw materials

Demand for direct-charge raw materials – iron ore lump and iron ore pellets – has been increasing because of the ongoing sintering restrictions imposed on mills during the winter season to keep air pollution levels low, the Singapore-based trader said.

Fastmarkets' index for 63% Fe Australia-origin lump ore premium, cfr Qingdao saw a month-to-date average of \$0.2700 per dry metric tonne unit (dmtu) as of Wednesday January 19, up by \$0.1183 per dmtu, or 78%, from the December average of \$0.1517 per dmtu.

"Demand [for iron ore pellets] back in December was quite weak, and most traders were not willing to pay the extra demurrage costs to handle the cargo originating from India – part of the Covid-19 safety protocol introduced earlier last year," a Hong Kong-based trader said. "Despite the demurrage costs, January transactions have increased, suggesting a healthier appetite from Chinese buyers."

The month-to-date average of Fastmarkets' index for iron ore 65% Fe blast furnace pellets, cfr Qingdao was \$207.02 per tonne as of Friday January 14, up by \$22 per tonne, or 11.9%, from December's average of \$185.02 per tonne.

Most market participants said they are anticipating stricter sintering restrictions to be imposed on mills situated close to the venue for the upcoming Beijing Winter Olympics. This will likely lend support to prices of direct-charge raw materials, the Singapore-based trader said.

"The flow of tier 1 iron-ore pellets – iron ore pellets originating from North America, South America, Scandinavia and Europe – into China has been very limited, so the pellet premiums will likely stay high and might reach record levels," a Shanghai-based analyst said.

High-grade or tier 1 iron ore pellets are highly sought after, but strong demand from European mills has been keeping the cargo flow into China limited, the same analyst added.

The month-to-date average of Fastmarkets' index for iron ore pellet premium over 65% Fe fines index, cfr China, Qingdao was \$54.80 per tonne as of Friday January 14, up by \$2.60 per tonne, or 5%, from the December average of \$52.20 per tonne.

Buying interest for iron ore concentrate for pelletizing likely to stay strong

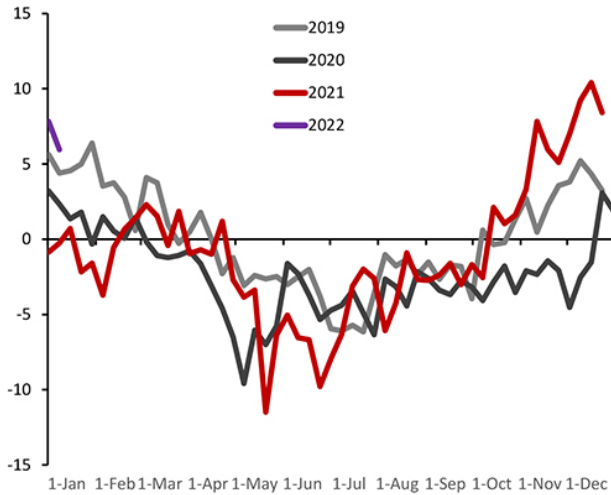
Several market participants strongly believe that demand for iron ore concentrate used for pelletizing will remain strong and prices will most likely be supported in the first quarter of the year.

"The demand for iron concentrate in general usually picks up during the winter period because of the limited supply from Chinese domestic producers," a Xiamen-based analyst said.

The same analyst added that the demand for seaborne cargoes of iron ore concentrate will also be good and that premium levels typically improve.

The differential between Fastmarkets' index for iron ore 66% Fe concentrate and Fastmarkets' 65% Fe Brazilian fines index, indicated by the red line in the graph below, has flipped from negative to positive since late October 2021, and as of Friday January 14 has remained at a wider premium of \$5.96 per tonne, Fan said.

FASTMARKETS IRON ORE 66% FE CONCENTRATES INDEX MINUS 65% FE FINES INDEX (\$-DIFFERENTIAL)



Source: Fastmarkets

The northern China buyer source believes that the good demand for iron ore pellet feed concentrates has persisted because of the ongoing sintering restrictions during the winter period.

This most likely prompted some market participants to indicate their premium level for a cargo of Minas Rio Blast Furnace Pellet Feed concentrate at \$3-4 per tonne over a forward floating month of Fastmarkets' index for iron ore 65% Fe Brazil-origin fines, cfr Qingdao during January. This was an improvement from the previous premium levels of \$1-2 per tonne in December.

Fastmarkets' index for iron ore 66% Fe concentrate, cfr Qingdao was at a month-to-date average of \$159.45 per tonne as of Friday January 14, up by \$20.57 per tonne, or 14.8%, from December's average of \$138.88 per tonne.

US, UK initiate Section 232 talks

By Rijuta Dey Bera - Thursday 20 January

The United States and the United Kingdom have initiated bilateral talks to hash out the future of Section 232 tariffs on steel and aluminium imports into the US and retaliatory UK tariffs on certain US exports.

US Commerce Secretary Gina Raimondo, US Trade Representative Katherine Tai and UK Secretary of State for International Trade Anne-Marie Trevelyan announced on Wednesday January 19 the "start of bilateral discussions to address global steel and aluminium excess capacity, including the United States' application of tariffs on imports from the United Kingdom under Section 232 and the UK's retaliatory tariffs on certain US exports to the UK."

During a virtual meeting on Wednesday, Raimondo and Trevelyan "discussed the impact on their industries stemming from global excess capacity driven largely by China," according to a US Commerce department press release.

Secretary Raimondo, Ambassador Tai and Secretary Trevelyan "will enter into discussions on the mutual resolution of concerns in this area that addresses steel and aluminium excess capacity and the deployment of effective solutions, including appropriate trade measures, to preserve our critical industries."

Since March 23, 2018, a 25% tariff on steel and 10% tariff on foreign aluminium has been in place in the US under the national security provision of Section 232.

The implementation of Section 232 had cut UK steel exports to the US by almost 50%, lobby group UK Steel previously said.

In October last year, the US and the European Union reached an agreement to replace Section 232 steel and aluminium tariffs against the bloc's 27 countries with a tariff-rate quota system, which will run through December 2023.

In total, 3.3 million metric tonnes of European steel will be permitted to enter the US free of tariffs.

UK steelmakers were not included in the deal between the US and the EU.

Following the implementation of the Section 232 tariffs in 2018, Fastmarkets' daily steel hot-rolled coil index, fob mill US surged to \$45.84 per hundredweight (\$916.80 per short ton) in early July of that year - a nearly 10-year high at the time.

The index soared to at an all-time high of \$98.25 per hundredweight (\$1,965 per short ton) twice in September last year.

Fastmarkets' daily steel hot-rolled coil index, fob mill US was calculated at \$71.90 per hundredweight (\$1,438.00 per short ton) on Wednesday January 19.

The aluminium premium too experienced significant volatility after the introduction of Section 232 tariffs, ending March 2018 at 18.75-19.25 cents per lb compared with 14.00-14.50 cents per lb at the start of that month.

Fastmarkets assessed the aluminium P1020A premium, ddp Midwest US at 31.50-34.50 cents per lb on Wednesday January 18, close to an all-time high of 34.75-36.00 cents per lb reached in October 2021.

Base metals

Teck in blockchain pilot with DLT Labs to track germanium

By Andrea Hotter - Thursday 20 January

Teck Resources Ltd is starting a pilot to use blockchain technology to trace responsibly-produced germanium from the mine to the customer, the company said on Thursday January 20.

The pilot, in partnership with DLT Labs, will mark the first use of blockchain to trace germanium, a critical mineral used in fiber optic cables and high-speed computer chips and circuitry as well as in low-carbon technologies such as solar cells and light-emitting diodes.

The launch comes as environmental, social, and governance (ESG) disclosure gains importance for the metals and mining sector and the broader industry as a whole, particularly given net-zero carbon emissions targets.

Teck, North America's largest producer of germanium, will track the critical mineral from its Red Dog mine in Alaska, the United States, through



transport and comingling with other sources, refining at Teck's Trail metallurgical facility in British Columbia, Canada, and finally to a manufacturer of fiber optic cable, the company added.

The pilot is part of Teck's sustainability strategy goal to develop a product passport, providing traceability into the raw materials supply chain. Blockchain technology will be used to embed data including information on responsible ESG practices along the supply chain, such as greenhouse gas emissions, product certifications and responsible production assessments, the company noted.

"Teck is proud to be advancing the first use of blockchain technology to trace the critical mineral germanium from the mine all the way to the customer," said Marcia Smith, Teck's senior vice president, sustainability, and external affairs.

"Ensuring the environmental and social responsibility throughout the metals production chain provides our customers and downstream consumers with the confidence that their products are sourced responsibly," she added.

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

In addition to germanium, Canada-based Teck also produces copper, zinc, steelmaking coal and energy.

Annual contracts for primary foundry alloy (PFA) concluded in the week to January 14

By Liz Ng - Thursday 20 January

Most concluded deals emerged at \$120-150 per tonne, with one trader who was actively negotiating PFA contracts confirming that PFA premiums have increased by \$30-40 per tonne compared with a year earlier.

Fastmarkets assessed the [aluminium primary foundry alloy silicon 7 ingot annual premium, cif MJP](#) at \$120-150 per tonne, up by \$20-30 per tonne compared with \$100-120 per tonne for 2021. The latest assessment is a new high.

Premium calculations were still based on the normal method of using the Main Japan Port premium on top of the LME Aluminium price, with the addition of 'PFA premium'.

However, the new formula for 2022 contracts now includes a "silicon" component, [mirroring reports in Europe](#).

Consumers and traders have confirmed that PFA deals on a cif MJP basis for 2022 now include a silicon upcharge, with producers desperate to pass on the increasing costs of silicon to consumers.

A key alloying element, silicon is thought to make up at least 7% of the alloy. Prices were a whirlwind of action last year, with supply shortages across the globe sending silicon prices on an unrelenting rally.

Fastmarkets' weekly price assessment for [ferro-silicon 75% Si min, cif MJP](#) stood at \$2,050-2,150 per tonne on January 19, its highest in a month after hitting a record high of \$4,450-4,550 per tonne on September 29 last year.

"Producers need silicon to be a component within the pricing formula just so the fluctuation in raw material costs is priced in and passed onto consumers," a Japan-based trader said.

Although consumers acknowledged the price volatility in silicon, there has been some pushback in adding this novel component.

"[Pricing silicon into the formula] doesn't protect the buyers. It works to only protect the sellers so of course there's some resistance. Producers say this new component can either be on a floating basis like they originally suggested, or on a fixed basis but priced high enough to cover any risks," a veteran Singapore-based source at a prominent trading house said.

"With this having to pricing in silicon on a floating basis, I feel like I'm no longer trading aluminium, but trading silicon," a second Southeast Asia-based trader said.

Although silicon prices in Europe have [eased off its record highs](#), sellers there were not ready to lower offers to attract demand.

Participants said producers with PFA were now offering at close to \$1,000 per tonne; this is in stark contrast to offers heard at the \$650-per-tonne level at the end of 2021.

Fastmarkets settled its premium for the supply of aluminium to main Japanese ports (MJP) in the first quarter of 2022 at \$177 per tonne over the London Metal Exchange cash price.

Tight supply of nickel briquette pushes European premiums higher amid strong demand

By Callum Perry - Thursday 20 January

Spot premiums for nickel briquette within Europe have reached as high as \$500 per tonne on a cif and delivered basis while demand for material increases and stocks fall, market sources told Fastmarkets.

Fastmarkets assessed the [nickel briquette premium, in-whs Rotterdam](#) at \$150-200 per tonne on Tuesday January 18, widening upward by \$30 per tonne from \$150-170 per tonne on January 11, following reports of increased competition pushing premiums higher for material found within London Metal Exchange warehouses.

Nickel briquettes have become an important feedstock for nickel sulfate producers, who dissolve briquettes as a precursor material.

This new demand has developed as battery demand grows, with growth of 107% in electric vehicle sales globally between 2020 and 2021, according to Fastmarkets research.

"New market participants and strong demand [have driven up briquette prices]," one European trader told Fastmarkets.

Briquettes also find demand from traditional markets such as stainless steel.

The growth in demand for briquettes can be seen in the depletion of LME warehouse stocks in Rotterdam, with on-warrant stocks for bagged briquettes (BBRI) falling by 67.5% over the course of the past year, from 25,626 tonnes on January 20, 2021, to 8,304 tonnes on January 20 of this year.

Market sources believe that much of this stock has been withdrawn for the purpose of consumption, rather than to be stockpiled.

Demand has also come from other regions, with sources reporting to Fastmarkets that briquettes were now being bought in Europe for shipping to consumers in Asian markets such as China, Japan, and South Korea.

This increased demand for material has also begun to impact long-term contract agreements, with one consumer reporting to Fastmarkets that they had received premium offers for briquettes up \$500 on a delivered basis.



"No one is really offering [briquettes] at the moment," a second trader in the region told Fastmarkets.

"The [nickel] market for the past 8 years has been able to rely on LME stocks for briquettes as there was always ample supply," they added, noting that demand for briquettes was not always strong and therefore it was often better for producers to put material into warehouses instead.

"However, now there is very little [material] left," they noted.

This is a view held by others in the industry who expect the current situation to persist.

"The current market looks well supported," a producer source told Fastmarkets.

Rusal receives ASI certification for another four production sites

By Carrie Bone - Thursday 20 January

Russian aluminium producer Rusal has had a further four of its production sites achieve Aluminium Stewardship Initiative (ASI) certification, the company announced on Wednesday January 19.

Its Kandalaksha aluminium smelter, aluminium foil plants at Sayanal and Armenal, and Europe's largest alumina refinery at Aughinish in Ireland, have been successfully certified against the ASI Performance Standard and ASI Chain of Custody Standard, bringing Rusal's total number of ASI certificates to 13.

The ASI Performance Standard is the only recognized sustainability standard for the aluminium value chain. The ASI Chain of Custody Standard is designed to help companies in the aluminium industry to provide their customers and stakeholders with an independent guarantee of responsible production and supply, Rusal said.

The independent third-party audit of the sites was carried out by an independent company, DNV GL.

The previously certified sites include Krasnoyarsk, Bratsk, Sayanogorsk, Irkutsk and Boguchansk.

"The consistent certification of the company's assets according to ASI standards since 2019 is a confirmation of Rusal's commitment to the best ESG [environmental and social governance] practices in the aluminium industry," Irina Bakhtina, the company's chief sustainability officer, said.

"Rusal plans to further expand in the area of certification, aligning with ASI standards, satisfying the growing demand for products manufactured in accordance with the principles of sustainable development," she added.

The company joined the international Aluminum Stewardship Initiative in 2015.

It opened the [first phase of its new low-carbon aluminium production plant](#) at the Taishet smelter in Siberia in December last year.

The aluminium industry has taken on the task of decarbonizing the sector, with Fastmarkets itself launching its [first low-carbon aluminium differentials](#).

Another aluminium producer, [German company Oetinger, also achieved ASI certification](#) earlier this week.

SHFE nickel price surges to upper limit; Tin sets fresh all-time high

By Yingchi Yang, Yiwen Ju - Thursday 20 January

Supply concerns sent tin and nickel prices on the Shanghai Futures Exchange (SHFE) to historical highs on Thursday January 20.

Bullish sentiment on Thursday January 20, triggered by China Nonferrous Metal Mining Group's (CNMC) ferro-nickel production suspension in Myanmar and continued supply tightness, pushed the nickel price on the Shanghai Futures Exchange (SHFE) to its highest level since 2015.

"Reuters reports that Indonesia has yet to issue any permits to export tin in 2022 via ICDX [the Indonesia Commodity and Derivatives Exchange]," ED&F Man's head of commodity research Edward Meir said [on Wednesday](#). Indonesia is the second-biggest producer of tin in the world.

Tin's [front month price on the SHFE](#) closed at 333,140 yuan (\$52,569) per tonne on January 20, compared with 317,600 yuan per tonne on January 17. The soldering metal has been on a steep uptrend from its starting point at 154,350 yuan per tonne in 2021, likely due to its chronic supply tightness, Fastmarkets understands.

The active rolling [nickel cathode SHFE price](#) surged by 7.99% to its daily upward limit and finally closed at 176,280 yuan (\$27,781) per tonne on Thursday, up by 12,520 yuan per tonne from 163,760 yuan per tonne one day earlier,

The SHFE nickel price refreshed its all-time high only one week after its last rally amid a [potential short squeeze](#).

The surge came after CNMC's ferro-nickel production in Tagaung Taung nickel mine in Myanmar was suspended because the three electricity pylons of the plant were blown up, sources told Fastmarkets.

CNMC's ferro-nickel plant was [established in 2009](#) and has an annual capacity of 85,000 tonnes.

Fastmarkets' monthly assessment of the [ferro-nickel premium/discount, 26-32% Ni contained, cif China](#) was at a discount of \$300-700 per tonne on December 29, up from a discount of \$300 per tonne to a premium of \$100 per tonne on November 29.

"The CNMC's suspension will take some time to recover so it might affect ferro-nickel supply, but because Chinese Lunar New Year (Jan 31- Feb 4) is approaching [there is a] quiet spot market and limited demand - so far [there has been] no major impact," a Shanghai-based trader told Fastmarkets.

"The news of CNMC is only a trigger," the trader said. "The main driver of the current crazy nickel price is still the low supply of nickel materials." Nickel stock in SHFE warehouses stood at 4,711 tonnes on Friday January 14, down from 4,895 tonnes a week earlier.

Low global inventories of nickel also underpinned the SHFE price surge, sources told Fastmarkets.

Nickel stocks in London Metal Exchange warehouses totaled 94,830 tonnes on January 20, down by 3,534 tonnes from 98,364 tonnes a week earlier. The inventory level was at its lowest since November 2019.

The three-month LME nickel price performed well during morning trading and was up by 1.9% to \$23,600 per tonne from \$23,154 per tonne at Wednesday's 5pm close, after reaching a high of \$24,435 per tonne - the highest level since 2011.

"We've been seeing fewer tin exports flowing out of Indonesia recently, primarily due to the export permits delay. Although January to



February is also rainy season there, the weather issue is well known... normally [people] will stock up ahead," a tin trader based in Singapore told Fastmarkets in early January.

Nickel is a key component of stainless steel and electric vehicles, while tin is noted for soldering in electronics.

China's domestic stainless steel prices rise further, but demand falls

By Jessica Zong - Thursday 20 January

China's domestic stainless steel market maintained its uptrend in the week to Wednesday January 19, though demand is dropping gradually.

Domestic

Stainless steel cold-rolled coil 2mm grade 304 domestic (Wuxi): 17,900-18,100 yuan (\$2,821-2,853) per tonne, up by 400 yuan per tonne

Rising nickel prices were regarded as the major support factor for China's stainless steel market in the past week, according to sources.

The [London Metal Exchange's three-month nickel contract](#) ended Wednesday's official trading session at \$22,530-22,540 per tonne, up by \$1,790 per tonne from \$20,740-20,750 per tonne on December 31.

"Expectations of tightening supply of stainless steel also pushed up stainless steel prices," a trader in the major Wuxi market said.

Market participants think stainless steel mills in the provinces of Shanxi and Shandong might be required to reduce production rates next month to improve air quality for the February 4-20 Beijing Winter Olympics.

"Though we haven't heard of any confirmed notices for output cuts, the market sentiment is bullish," a second trader in Wuxi said.

The price increases of the past week did not stimulate buying interest, however.

Buyers and truck drivers [have gradually left the market since last week](#) for to begin their Chinese New Year break, sources said.

Export

Stainless steel cold-rolled coil 2mm grade 304 export: \$2,860-3,010 per tonne fob China, widened by \$40 per tonne on both ends

Stainless hot-rolled coil grade 304 export: \$2,950-3,040 per tonne fob China, widened upward by \$70 per tonne

Domestic gains led most exporters to raise their offers for stainless CRC to around 2,950-3,010 per tonne fob from the preceding week's \$2,900-2,970 per tonne fob.

But a few of them issued lower offers of \$2,860 per tonne fob to seek out more orders.

The situation was similar in the stainless HRC segment.

Sellers who wanted to secure more orders maintained their offers at \$2,950-2,970 per tonne fob, but others raised them as high as \$3,040 per tonne fob.

Transactions involving March-shipment stainless CRC were concluded over the past week.

"I think the transportation hurdles at the Port of Tianjin should subside and return to normal in late February. As such, we scheduled shipments for March," an export trader said.

Import

Stainless steel cold-rolled coil 2mm grade 304 import: \$2,900-3,000 per tonne cif East Asia, widened downward by \$40 per tonne

Stainless steel hot-rolled coil grade 304 import: \$2,780-2,840 per tonne cif East Asia, up by \$130-140 per tonne

Tsingshan's Indonesian mill resumed its offers in the past week. Its offers for stainless CRC were around \$3,100-3,130 per tonne cif East Asia while those for stainless HRC were at \$2,780-2,840 per tonne cif.

Chinese exporters offered stainless CRC at \$2,900-3,050 per tonne cif and stainless HRC at 3,000-3,080 per tonne cif during the week.

Market sources indicated workable prices of \$2,900-3,000 per tonne cif for stainless CRC and \$2,780-2,840 per tonne cif for stainless HRC.

Alcoa expects 2022 aluminium output to drop 100,000t, reports Q4 loss

By Orla O'Sullivan - Thursday 20 January

Alcoa Corp expects its refined aluminium shipments to fall by 3.8% - or 100,000 tonnes - this year, it said when reporting its latest financial results on Wednesday January 19.

"The aluminum segment is expected to ship between 2.5 and 2.6 million metric tons, a net decrease from 2021 primarily related to the divestiture of the [US-based] Warrick Rolling Mill and changes in the smelting portfolio," Alcoa, which is among the world's top 10 producers, said.

Alcoa lost \$392 million in the fourth quarter of 2021, partly due to the cost of closing its Wenatchee aluminum smelter in the United States and curtailing output at the San Ciprián one in Spain.

The Pittsburgh, US-based producer still reported record annual profits in 2021, despite exceptional fourth-quarter charges related to smelters and pension provisions.

Alcoa's \$392-million net loss in the fourth quarter, versus the prior quarter's net income of \$337 million, "is primarily due to restructuring related charges recorded in the fourth quarter, including \$921 million for non-cash pension settlement charges, \$90 million for the permanent closure of the Wenatchee aluminum smelter, and \$62 million for the curtailment of the San Ciprián aluminum smelter," it said.

In December, Alcoa said it would close the Wenatchee Works, a 146,000-tonne smelter, in Washington State. It later said it would [curtail output at San Ciprián due to "exorbitant energy prices."](#)

Alcoa's annual revenues rose by 31% to \$12.2 billion, its highest since 2018, which it attributed to "higher aluminium and alumina prices, and higher premiums for value-added products."

The company posted its highest ever annual net income of \$429 million in 2021, versus a \$170 million loss in 2020.

"The strong results are primarily due to higher pricing for aluminum and alumina, partially offset by \$1.1 billion of restructuring charges, as well as higher raw materials and energy costs," Alcoa said.

October-December 2021 results

- Revenue: \$3.3 billion (7% sequential increase)

- Average realized price (third party)

Alumina: \$407 per tonne (vs \$268 per tonne in Q4 2020)

Aluminium: \$3,382 per tonne (vs \$2,094 per tonne in Q4 2020)

**2021 results**

- Revenue: \$12.2 billion (up 31%)

- Average realized price (third party)

Alumina: \$326 per tonne (vs \$273 per tonne in 2020)

Aluminium: \$2,879 per tonne (vs \$1,915 per tonne in 2020)

Chinese ADC 12 prices soften on approaching holiday; MJP market rises

By Jinfan Yang - Thursday 20 January

Key data from Fastmarkets' pricing session in China on Wednesday January 19.

ALUMINUM INGOT ADC 12 SPOT (MJP) (in \$ per tonne, cfr Japan)			
New price	Previous price	Change to midpoint of range	Midpoint % change
2,550-2,650	2,500-2,550	▲ 75	▲ 3.0
ALUMINUM INGOT ADC 12 SPOT (in yuan per tonne, exw dp China)			
New price	Previous price	Change to midpoint of range	Midpoint % change
20,500-20,800	20,600-21,000	▼ 150	▼ 0.7
Source: Fastmarkets			

Key drivers

- Chinese domestic ADC 12 aluminium ingot prices softened this week on waning buying sentiment ahead of the January 31-February 6 Lunar New Year holiday.
- Pre-holiday restocking in China's domestic market have largely concluded this week, and workers in downstream sectors are leaving for the holiday, according to market sources.
- Aluminium prices on the Shanghai Futures Exchange declined on a weekly basis, which gave no support to the ADC 12 market. The [February aluminium contract on the SHFE](#) closed at 21,530 yuan (\$3,390) per tonne on Wednesday January 19, down by 100 yuan per tonne from 21,630 yuan per tonne a week earlier.
- But production curbs in northern China for the February 4-20 Beijing Winter Olympics remain, which kept aluminium scrap and ADC 12 prices from falling.
- The Japanese market, in contrast, saw demand from the downstream automotive sector improve from a week earlier, which led sellers to raise their offers.
- The pick-up in demand pushed up prices on a main Japanese ports (MJP) basis.

Key quotes

"Spot trading slowed down this week since downstream markets are preparing for the holiday. Prices in the domestic market may rise again after the holiday, because some consumers stock levels are low and they would need to replenish them," a China-based producer source said.

"The current supply tightness of both aluminium scrap and ADC 12 has underpinned spot prices, but we expect ADC prices to fall later this year because capacity expansions in central and western China are coming up," a China-based trader.

"Offer levels for imports in Japan have risen, but Japanese consumers are very slow in adjusting to higher prices," a trader in the Middle East said.

Minor metals

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

By pricing@fastmarkets.com - Thursday 20 January

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

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

Fastmarkets assessed Cobalt alloy grade, in-whs Rotterdam, \$/lb at 34.10-34.60 on Thursday January 20, 2022.

- Offer at \$35.00 for large tonnage
- Prices indicated at \$34.10-34.55
- Prices indicated at \$34.10-34.55
- Prices indicated at \$34.10-34.55
- Prices indicated at \$34.10-34.60
- Prices indicated at \$34.15-34.60
- Prices indicated at \$34.20-34.60
- Prices indicated at \$34.20-34.65
- Prices indicated at \$34.30-35.00
- Prices indicated at \$34.40-35.00

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

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

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

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

By pricing@fastmarkets.com - Thursday 20 January

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

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

Fastmarkets assessed Cobalt standard grade, in-whs Rotterdam, \$/lb at 34.10-34.60 on Thursday January 20, 2022.

Steel

NLMK USA's Q4 sales dip on waning demand

By Rijuta Dey Bera - Thursday 20 January

NLMK USA's sales fell by nearly 11% sequentially in the fourth quarter of 2021 due to reduced steel demand, Russian parent company Novolipetsk Steel (NLMK) said.

Farrell, Pennsylvania-based NLMK USA recorded sales of 522,000 tonnes in the fourth quarter, down from 586,000 tonnes in the preceding three months but up by 41.08% from 370,000 tonnes in the fourth quarter in 2020, Russia's largest steelmaker said in a release dated Thursday January 20.

Annual sales for the United States flat-rolled producer grew by 27.31% year on year to 2.04 million tonnes following a demand recovery in 2021.

Average flat product prices in the US were down by 1% quarter on quarter but rose by 136% year on year. Steel prices are likely to drop further due to the agreement between the US and European Union to replace Section 232 tariffs with a [tariff-rate quota system](#), NLMK said.

In total, 3.3 million tonnes of European steel will be permitted to enter the US [free of tariffs](#).

Since March 23, 2018, a 25% tariff on steel and 10% tariff on foreign aluminium has been in place under the national security provision of Section 232.

Fastmarkets' daily [steel hot-rolled coil index, fob mill US](#) was calculated at \$71.90 per hundredweight (\$1,438 per short ton) on Wednesday.

Insteel reports record revenue, earnings

By Robert England - Thursday 20 January

Insteel Industries set quarterly revenue and earnings records in its fiscal 2022 first quarter, with rising prices pushing operating margins and profits higher, the company said on Thursday January 20.

INSTEEL INDUSTRIES INC (in thousands except per share)		
	2022	2021
1st qtr ended January 1		
Net sales	\$178,459	\$119,605
Net income	23,129	8,143
Per share	1.18	0.42

The Mount Airy, North Carolina-based company reported quarterly revenue of \$178.46 million, up by 49.21% year on year from \$119.61 million; and net income of \$23.13 million, nearly triple the year-earlier \$8.14 million.

Spreads between selling prices and raw material costs widened due to a 69.4% increase in average selling prices from the same three-month period the previous year. The company said it implemented higher prices to recover rapidly rising raw material and operating costs.

Insteel's gross margin widened by 710 basis points to 23.7% from 16.6% in the year-earlier quarter.

But ongoing tight raw material supply conditions led to an 11.9% decline in shipments, the company said.

"Our outlook for 2022 remains optimistic. Private and public non-residential construction markets are robust today and key leading market indicators are signaling sustained growth," Insteel president and chief executive officer HO Woltz III [said in a statement](#).

Insteel noted that demand for its concrete reinforcing products remained strong despite a seasonal slowdown in construction activity.

"Despite the favorable demand outlook, inadequate availability of domestic hot-rolled steel wire rod and persistent labor challenges [that we highlighted in previous quarterly reports] are expected to continue impacting our operations during the current quarter," Woltz said.

The company has been able overcome the [shortfall in domestic steel wire rod supply](#) by purchasing material in the international steel market, it said.

The international market has allowed the company to "fill the gaps that caused plant inefficiencies and customer service difficulties over the last three quarters," Holtz said. "Our international sourcing strategy going forward will be influenced by the performance of our domestic suppliers during our second and third quarters."

Insteel manufactures pre-stressed concrete strand and welded wire reinforcement, including engineered structural mesh, concrete pipe reinforcement and standard welded wire reinforcement, and sells its products to manufacturers of concrete products and concrete contractors primarily for use in non-residential construction applications.

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

The assessment for [steel wire rod \(low carbon\), import, loaded truck Port of Houston for immediate delivery](#), was \$1,120-1,220 per ton on Tuesday, down by 4.88% from \$1,180-1,280 per ton on December 21 and by 5.65% from \$1,200-1,280 per ton on November 16.

Court unblocks ArcelorMittal Kryvyi Rih account designated for tax and salary payments

By Vlada Novokreshchenova - Thursday 20 January

Shevchenkivsky district court in Kyiv released one of the blocked accounts of Ukraine's major steelmaker, ArcelorMittal Kryvyi Rih (AMKR), the company reported on Thursday January 20. This account is used for the payment of taxes and salaries.

The move will allow the company to make advance payments to its workers and pay taxes for January and the fourth quarter of 2021.

Earlier this month the Prosecutor General's Office of Ukraine and the Shevchenkivsky district court froze all of AMKR's local, non-cash bank accounts, [alleging tax underpayment](#).

The rest of the accounts remain blocked, significantly complicating the fulfillment of contractual obligations to suppliers and slows the pace of investment program realization, the company said.

"All these days we have been fighting to protect salaries of our people and the opportunity to make mandatory payments to the budget of Ukraine. The next step is to fight for our investment projects and other commitments, " said Artem Filipyev, ArcelorMittal's Deputy General Director for Administrative Affairs in Kryvyi Rih.

Since the closure of the accounts on January 4, 2022, ArcelorMittal has taken all possible legal and diplomatic measures to unblock the accounts and return to normal operation, the company said.

The company's management reported the seizure of accounts to foreign partners - the governments of Luxembourg, Germany and the United States as well as the Business Ombudsman's Office and the UkraineInvest agency in Ukraine.



Together with ArcelorMittal Corporation, the company's executives have found alternative ways to pay salaries [and] prevent production shutdowns and supply disruptions to customers abroad and in Ukraine, the company added.

Northern European HDG, CRC prices rise on demand revival

By Maria Tanatar - Thursday 20 January

Domestic prices for cold-rolled and hot-dipped galvanized coil in Northern Europe moved up in the week to Wednesday January 19 due to higher demand, market sources told Fastmarkets.

Demand from the automotive industry has recovered now that long-term agreements have been reached between steelmakers and end consumers. The sustainability of this revival in consumption, however, remains uncertain; car manufacturers still struggle with the continuing global semiconductor shortage.

European Union passenger car sales **fell by 22.8% year on year in December 2021**, making it the sixth consecutive monthly decline, mainly due to the impact of the continuing global shortage of semiconductors.

Producers in northern Europe have also been claiming that they have sold out of first-quarter rolling coil.

Steelmakers and steel service centers also face a substantial rise in energy costs; they therefore need steel prices to rise.

As a result, Fastmarkets' weekly price assessment for **steel hot-dipped galvanized coil, domestic, exw Northern Europe** was €1,100-1,150 (\$1,247-1,304) per tonne on Wednesday, up by €20-50 per tonne from €1,080-1,100 per tonne a week earlier.

The assessment was based on achievable prices and deals in the region.

Official offers, in the meantime, have been heard at €1,160 per tonne ex-works. The region's steelmakers have been trying to level spot prices with long-term prices, which settled at about €1,200 per tonne ex-works for HDG.

The corresponding weekly price assessment for **steel cold-rolled coil, domestic, exw Northern Europe** was €1,100-1,130 per tonne on Wednesday, up by €50-60 per tonne from €1,040-1,080 per tonne a week earlier.

The assessment was based on achievable prices and transactions heard in the market.

Southern Europe

In Southern Europe, domestic prices for downstream coil, have been stable over the week following the increase **a week earlier**.

Domestic prices in the region are expected to be supported by production cuts caused by technical issues at a galvanizing line at one of the Italian steel mills, market sources said.

Fastmarkets' weekly price assessment for **steel hot-dipped galvanized coil, domestic, exw Southern Europe** was €1,040-1,100 per tonne on Wednesday, unchanged over the week.

The corresponding weekly price assessment for **steel cold-rolled coil, domestic, exw Southern Europe** was €1,020-1,090 per tonne during the week, down by €10-20 per tonne from €1,040-1,100 per tonne a week earlier.

The assessment was based on deals and achievable prices reported in the market.

Bangladesh resists deep-sea scrap purchases amid high stocks

By Paul Lim, Lee Allen - Thursday 20 January

Steelmakers in Bangladesh have resisted further purchases of deep-sea ferrous scrap cargoes this week amid rising stock levels and sluggish domestic market activity, sources said on Thursday January 20.

- Bangladesh shies away from new deep-sea bookings of bulk scrap
- Containerized shredded prices rise in new Bangladesh booking
- Taiwan buys more containers of US-origin HMS 1&2 (80:20) at \$450 per tonne cfr.

Bangladesh deep-sea

Although higher prices were paid for deep-sea cargoes in South Korea **at the end of last week**, demand for such material in Bangladesh has been limited in recent days due to high stocks and a sluggish finished steel market.

Offers for United States-origin deep-sea cargoes of HMS 1&2 (80:20) were last heard to the south Asian country at \$550 per tonne cfr Bangladesh, with offers for shredded scrap at \$560-565 per tonne cfr, sources said.

There was limited interest from buyers in booking fresh cargoes following the latest deals done for HMS 1&2 (80:20) at prices of \$512 and \$515 per tonne cfr Bangladesh earlier this month. News also came to light of a Venezuela-origin cargo of 25,000 tonnes which has recently been shipped to a major buyer in the country.

Bid prices from buyers were heard no higher than \$525-535 per tonne cfr Bangladesh for HMS 1&2 (80:20) on Thursday, although there was limited interest in purchasing.

Due to the higher offer prices and rising prices elsewhere in Asia, Fastmarkets' price assessment for bulk cargoes of **steel scrap, HMS 1&2 (80:20), deep-sea origin, import, cfr Bangladesh**, was \$530-550 per tonne on Thursday, up by \$10-20 per tonne from \$520-530 per tonne one week before.

"Local prices in the country have gone down a bit, so mills have aligned their bids to the situation on the ground," a major exporter source told Fastmarkets. "I don't know if there is any appetite to buy bulk cargoes now. Big buyers are having problems getting their letters of credit confirmed with foreign banks."

A Bangladeshi trader source said that deep-sea import markets were quiet this week "due to all of the big buyers having already booked so many vessels recently."

Bangladesh container

The container markets have presented a mixed picture over the past week, sources said.

Containers of shredded scrap from the Baltic Sea region were heard sold at \$575 per tonne cfr Bangladesh this week, while new tinplate bundles from Southeast Asia were heard sold at \$610 per tonne cfr.

But shredded scrap from the UK was heard to be available at the cheaper price of \$565 per tonne cfr Bangladesh, with bids heard at \$560 per tonne cfr.

Fastmarkets' price assessment for **steel scrap, shredded, containerized, import, cfr Bangladesh**, was \$560-575 per tonne on Thursday, widening from \$565-570 per tonne one week earlier.

Containers of HMS 1&2 (90:10) from Poland were heard offered at \$545 per tonne cfr Bangladesh this week, with bids heard at \$535 per tonne cfr.



HMS 1&2 (80:20) from the UK was heard sold last week at \$530 per tonne cfr Bangladesh, but offers from Latin America were available at prices as low as \$515 per tonne cfr this week, with Australian material offered at \$525 per tonne cfr.

Fastmarkets' price assessment for [steel scrap, HMS 1&2 \(80:20\), containerized, import, cfr Bangladesh](#), was \$515-530 per tonne cfr on Thursday, widening upward by \$8 per tonne from \$515-522 per tonne cfr one week before.

Taiwan

Market sources confirmed that there were more transactions for containerized HMS 1&2 (80:20) imported into Taiwan from the US at \$450 per tonne cfr Taiwan.

There were no new transactions confirmed at higher prices.

"The market is swinging strongly toward the seller now, so spot prices are likely to continue on an upward trend," a buyer source in Taiwan told Fastmarkets on Thursday.

There were still bids heard at \$445 per tonne cfr Taiwan, although these would be unlikely to result in any transactions, sources said. Sellers were holding their offers steady and waiting for more spot price increases before offering again.

"The recent pickup in purchasing by buyers in Vietnam and South Korea has really turned sentiment bullish," the buyer source added.

Spot activity may peter out soon, however, due to the approaching lunar new year holidays, which start on January 31 and end on February 4.

"With only one more working week, some businesses may stop their activities some time next week because employees will want to return to their hometowns to celebrate the new year," a Taiwanese trader told Fastmarkets on January 20.

Fastmarkets' daily price assessment for containerized [steel scrap, HMS 1&2 \(80:20 mix\), US material, import, cfr main port Taiwan](#), was \$450 per tonne on Thursday, unchanged day on day.

Bids for bulk Japanese H1&H2 (50:50) were heard at \$500 per tonne cfr Taiwan, against offers at \$508 per tonne cfr Taiwan.

Egypt steel billet import prices increase further on deal

By Ross Yeo - Thursday 20 January

The price of steel billet imported to Egypt increased this week on a deal heard from the Black Sea, market sources told Fastmarkets on Thursday January 20.

Rebar prices, meanwhile, were stable, with producers not expected to change offers until February.

Billet imports

A deal for steel billet from the Black Sea was heard via multiple traders at \$675 per tonne cfr, although further details were not available.

A producer source noted that ever since Egyptian safeguard duties on billet and rebar imports were removed on November 15, 2021, re-rollers have been importing billet because there is a gap between the amount of domestically produced billet and the amount required to produce enough rebar for the country's requirements.

Not all sources, however, felt \$675 per tonne was a workable price for billet.

Fastmarkets' weekly assessment for [steel billet import, cfr main port Egypt](#), was \$665-675 per tonne on Thursday, widening upward by \$10 per tonne from \$660-665 per tonne a week earlier.

Commonwealth of Independent States billet export prices from the Black Sea, the main source of imports to Egypt, have been on an upward trend since the start of the year. On Thursday, Fastmarkets daily [steel billet index export, fob Black Sea, CIS](#), was calculated at \$626 per tonne, up by \$11 per tonne from \$615 per tonne a week earlier.

Rebar

Egyptian rebar producers were offering material at £14,900-15,000 (\$946-952) per tonne on Thursday, unchanged since the start of the year.

Therefore, Fastmarkets' weekly price assessment for [steel reinforcing bar \(rebar\), domestic, exw Egypt](#), was £14,900-15,000 per tonne on Thursday, unchanged week on week.

European HRC prices gain support from improved consumption

By Julia Bolotova - Thursday 20 January

Domestic prices for hot-rolled coil in the European Union remained broadly flat on Thursday January 20, with sentiment cautiously optimistic amid improved demand from the automotive sector and surging production costs at mills, market sources told Fastmarkets.

Demand from the key end-user sector, the automotive industry, has picked up from the low levels observed in the fourth quarter of 2021, market sources said, which has been supporting an HRC price uptrend.

Market sources have been questioning the sustainability of the apparent consumption revival, however, given that semiconductors still remain in short supply globally.

"The market has picked up a little, but it is too early to talk about a sustainable recovery," a trading source said.

HRC producers in Northern Europe are reported to be broadly sold out of first-quarter rolling material.

Sources have suggested that mills might push for yet another price increase to reflect the sharp rise in electricity, gas and raw materials costs.

Fastmarkets calculated its daily [steel hot-rolled coil index, domestic, exw Northern Europe](#) at €943 (\$1,069.18) per tonne on Thursday, down by only €3.88 per tonne from €946.88 per tonne a day earlier.

The index was up by €21.33 per tonne week on week and up by €29.25 per tonne month on month.

The calculation was based on reported deals of smaller volumes of HRC at €950 per tonne ex-works, achievable prices estimated by market sources at €920-940 per tonne ex-works and offers reported at €950-960 per tonne ex-works.

Fastmarkets calculated its corresponding daily [steel HRC index, domestic, exw Italy](#) at €836.25 per tonne on Thursday, up by just €4.58 per tonne from €831.67 per tonne on Wednesday.

The Italian index was up by €12.50 per tonne week on week and by €3.75 per tonne month on month.

The calculation was based on achievable prices heard at €800-830 per tonne ex-works and offers reported at €850 per tonne ex-works.

HRC offers from India have increased from €750-760 per tonne cfr southern ports in the first half of January to €800 per tonne cfr, market sources said.

Weak finished long steel sales keep Turkish mills away from deep-sea scrap bookings

By Cem Turken - Thursday 20 January

Turkish steel producers have continued to stay away from deep-sea steel scrap imports amid weak finished long steel demand, market participants told Fastmarkets on Thursday January 20.

The most recent trading activity in the deep-sea market was on January 14, when a steel mill in the Izmir region booked a Venezuelan cargo consisting of HMS 1&2 (95:5) at \$473 per tonne cfr.

Although Turkish steel mills [tried to increase their rebar export offers](#) amid rising input costs, they failed to attract the buyers in the major export outlets, Fastmarkets was told.

Therefore, the country's steelmakers continued to be silent in the deep-sea scrap markets, hoping for lower prices.

As a result of the lack of fresh trading activity in the deep-sea market, the daily scrap indices remained flat on Thursday.

Fastmarkets' calculation of its daily index for [steel scrap, HMS 1&2 \(80:20 mix\), North Europe origin, cfr Turkey](#) was unchanged day on day at \$457.87 per tonne on Thursday.

And the corresponding daily index for [steel scrap, HMS 1&2 \(80:20 mix\), US origin, cfr Turkey](#) was \$466.16 per tonne, also static day on day, leaving the premium for US-origin material over European scrap at \$8.29 per tonne.

Tenaris to boost output at Arkansas pipe mill

By Mark Burgess - Thursday 20 January

Tenaris US announced it will begin to boost production at its welded pipe mill in Hickman, Arkansas, amid strong customer demand and more affordable input costs.

"Hot rolled coil (HRC) prices have begun to drop following massive gains last year and customer demand continues to grow for domestically made pipe," Tenaris US president Luca Zanotti said in a statement released January 19. "These conditions make it the right time for a meaningful restart of welded production, part of the ramp up across the United States that began late 2020."

The Arkansas mill will increase manufacturing to produce a range of welded Oil Country Tubular Goods (OCTG), "including proprietary Wedge Series 400™ connections, to support growing customer demand in the States," the release said.

United States operating drill rigs were [reported at 601](#) at the end of last week, data from Baker Hughes Inc showed. Since hitting a [pandemic low of 244 rigs](#) the week of August 14, 2020, the US count has risen by 146.31% - reaching its highest level since 602 rigs in the week of April 9, 2020.

Meanwhile, prices for most OCTG products and line pipe have [risen or remained steady](#) amid improving demand and increased project activity, sources said.

Activity at the Hickman plant continued throughout 2020 and 2021 at reduced levels due to the pandemic-related market downturn.

"During this period, employees in Hickman underwent cross training, enhancing skill sets in different areas of operations," the release said. "Following improvements incorporated in the latter half of 2021 for a more efficient flow of the manufacturing processes, the mill will be steadily adding capacity and volumes in the coming months."

Tenaris is currently aiming to hire an additional 250 employees for the Hickman facility.

"These are interesting times for our sector with more favorable movements in the market, though pressures persist, in supply chains and with the pandemic," Zanotti said in the statement. "We remain uniquely positioned, leading a dynamic and fast paced scale up of our domestic operations, now with welded production contributing on a greater level to our integrated US network of mills and service centers."

Higher input costs push up Turkish steel billet prices

By Cem Turken - Thursday 20 January

Turkish steel billet prices have increased over the past week amid rising costs of power and employment, market participants told Fastmarkets on Thursday January 20.

Electricity prices in Turkey have increased by around 127% since January 1, while the Turkish Employers' Association of Metal Industries (MESS) and the Turkish metalworkers' trade unions have agreed a 65.67% increase in steel industry workers' salaries.

In response to the increase in these input costs, Turkish steel producers have increased their domestic billet offers to \$665-670 per tonne, against the latest transactions concluded at \$655-665 per tonne in the past week.

Consequently, Fastmarkets' weekly price assessment for [steel billet, domestic, exw Turkey](#), was \$665-670 per tonne on January 20, up from \$655-665 per tonne a week earlier.

The steelmakers in Turkey have also increased their billet prices for exports over the past week.

Fastmarkets' weekly price assessment for [steel billet, export, fob main port Turkey](#), was \$665-670 per tonne on January 20, up from last week's \$655-660 per tonne.

Billet producers in the Commonwealth of Independent States region [have also raised their offers for billet](#), because they were selling some material to other regions.

CIS region suppliers were offering billet to Turkish customers at \$655-670 per tonne cfr, but bids for such material were heard at \$640-645 per tonne.

Fastmarkets' weekly price assessment for [steel billet, import, cfr main port Turkey](#), was \$645-655 per tonne on January 20, up from the \$630-650 per tonne of last week.



Turkish rebar producers try to increase prices due to rising costs

By Cem Turken - Thursday 20 January

Turkish steelmakers have tried to increase their rebar export offers due to higher input costs, but demand remained sluggish over the week to Thursday January 20, market participants told Fastmarkets.

Electricity prices in Turkey have increased by around 127%, effective January 1. In addition, the Turkish Employers' Association of Metal Industries (MESS) and the Turkish metal unions have agreed on a 65.67% increase in steel industry worker salaries.

Turkish steel mills attempted to reflect these input cost increases in their finished long steel export prices, raising their offers to \$700-715 per tonne fob on an actual weight basis from \$690-700 per tonne in the previous week.

Demand for the material, however, was still poor, and only small cargo deals were heard at \$700 per tonne fob to Yemen and Israel, sources said.

Fastmarkets' weekly price assessment for [steel reinforcing bar \(rebar\), export, fob main port Turkey](#) was \$700-715 per tonne on Thursday January 20, up from \$690-700 per tonne the week before.

Wire rod export offers remained largely stable over the week amid limited demand for the material.

Fastmarkets' weekly price assessment for [steel wire rod \(mesh quality\), export, fob main port Turkey](#) was unchanged week on week at \$790-800 per tonne on Thursday January 20.

Gerdau to revamp melt shop at Brazil's Riograndense mill

By Renato Rostás - Thursday 20 January

Brazilian steelmaker Gerdau will stop activities at its Riograndense mill in the country's southern Rio Grande do Sul state for almost a year starting in February, to revamp its melt shop. Rolling output is expected to continue, however, the company said on Thursday January 20.

Gerdau will invest 200 million Reais (\$36 million) to modernize and overhaul the melt shop, with downtime expected to last through the beginning of 2023, the company said. But it will continue to sell its products using input provided by other plants it owns in Brazil.

The Riograndense mill makes rebar, merchant bar, wire rod, nails and drawn products. Its crude steel capacity is 450,000 tonnes per year (tpy), and its rolling capacity is 495,000 tpy.

Steel rebar prices have recently recovered in the country, after steep discounts were granted through the second half of 2021. Increases, however, have been limited by seasonally slower demand in January.

Fastmarkets assessed the price for [steel reinforcing bar \(rebar\), domestic, monthly, delivered Brazil](#) at 4,440-4,780 Reais (\$804-866) per tonne on January 14, a 3.83% rise on the midpoint from 4,280-4,600 Reais per tonne on December 10, 2021.

The price was still down by 18.62% compared to the all-time high of 5,630-5,700 Reais per tonne on April 9, 2021.

"Those investments will modernize the melt shop facilities, improving digital transformation and Industry 4.0 [processes], as well as environmental conditions and safety in steelmaking [at the plant]," Gerdau said.

China pig iron market bullish after major mill buys Indian cargo

By Lee Allen, Tianran Zhao - Thursday 20 January

Pig iron market participants are in a bullish mood this week and predict higher prices next month following last week's sale of Indian merchant basic pig iron (BPI) to a major Chinese mill, sources said on Thursday January 20.

A major Chinese steelmaker bought a 30,000-tonne shipment of Indian BPI for \$537.50 per tonne cfr in a tender held by the producer during the week commencing January 10, sources told Fastmarkets.

The Chinese steelmaker was able to bid at higher prices than trading companies because the mill will consume the material itself and does not need to deal with any third parties, a Singapore-based trader said last week.

The deal was not directly included in Fastmarkets' assessment for imported BPI into China on Thursday, however, because sources said the transaction was for a prompt-shipment cargo for late January.

But key market participants said on Thursday that the prevailing market price for the material had remained at \$535-545 per tonne cfr China for merchant BPI over the past two weeks.

Fastmarkets' [fortnightly assessment of the price for pig iron, import, cfr China](#) was \$535-545 per tonne on January 20, up by \$5 per tonne from \$530-540 per tonne two weeks ago.

Price rises likely

Suppliers were said to be bullish about the export pig iron market amid rising prices in raw materials markets, and would be aiming for higher prices after the deal to China.

A BPI producer based in India said on Monday that higher coking coal prices were putting pressure on steelmaker margins in the country and that his mill would require at least \$550 per tonne cfr China for BPI if it was to sell to the country.

Bids for BPI imported into China have been heard at \$530-535 per tonne cfr China over the past fortnight.

A limited number of offers for pig iron were heard over the past two weeks, including at \$550-560 per tonne cfr China, sources said on January 20.

"The offers we heard [were] from Brazil for cargoes with March shipment, which is too long for us. Also, we haven't been purchasing merchant pig iron recently, because our molten iron generation [has been] sufficient [for our needs]," a mill source in Hebei province told Fastmarkets.

"One Chinese mill has been [buying] material and the price doesn't [seem to] matter much... Chinese mills would prefer to buy from India rather than Brazil because of the shorter shipment times," the Indian producer source said.

Blast furnace (BF) operation rates have reduced in China since the end of 2021 and are [likely to keep dropping on the run up to the Chinese New Year holidays and the Winter Olympics](#). This possibly leaves a wider gap for more imports of merchant BPI [if mills want to keep their finished steel production high over the coming months](#).

Crude steel output from member mills of the China Iron & Steel Association (Cisa) was [1.97 million tonnes per day on January 1-10](#), down by 6% compared with the preceding 11 days.

Other market participants said they expect to see more trading activity in China's import pig iron market soon.



"Shipping costs seem to have dropped recently. We may hear more offers from Brazil or the CIS soon," a Japanese trading source said.

Freight costs for a 30,000-tonne cargo of pig iron from the west of India to the east of China were heard at around \$30 per tonne earlier this week.

China imported 212,803 tonnes of pig iron in December, a 14.8% increase from 185,352 tonnes in November, according to the latest Chinese customs data.

Of the total, 90,232 tonnes (42.4%) originated in Brazil, while Russia was China's second-biggest pig iron supplier in December, accounting for 68,692 tonnes (32.3%) of its imports. China also imported 50,977 tonnes (23.96%) of pig iron from Iran in December and overall in 2021, China imported 2.06 million tonnes of the steelmaking raw material.

Iron ore prices up on increased speculative buying interest

By Alice Li - Thursday 20 January

Seaborne ore prices continued to rise on Thursday January 20 amid bullishness toward downstream steel demand and increased trading activity for low-mid grade iron ore fines, market sources said.

Key drivers

The outlook for steel demand in China improved on Thursday after the People's Bank of China (PBOC) announced it was cutting the one-year Loan Prime Rate (LPR) by 10 basis points to 3.7% and lowering the five-year LPR by 5 basis points to 4.65%.

Some market participants expect these rate cuts to provide a boost to China's economic development, especially in the infrastructure sector due to the lower cost of borrowing for companies.

Australian iron ore fines with a discount to the 62% Fe benchmark index were favoured by trading houses because they were more cost-effective and easier to resell than mid-grade fines, and more deals of Yandi fines (YF), Mining Area C (MACF) fines and Jimblebar fines (JMBF) were concluded in January, a Beijing-based trader said.

Traders' speculative buying interest for March-laycan iron ore fines has increased, especially for low-alumina fines, even though prices have risen quickly this week because they expect better demand and prices after the Lunar New Year holiday in early February, a Shanghai-based trader said.

The most-traded May iron ore futures contract on the Dalian Commodity Exchange rose on Thursday and ended the day up by 1% from yesterday's closing price of 735 yuan (\$116) per tonne.

The iron ore forward-month swap contracts on the Singapore Exchange also climbed on Thursday. By 6:22pm Singapore time, the most-traded March contract was up by \$3.06 per tonne from yesterday's settlement price of \$130.54 per tonne.

Fastmarkets iron ore indices

62% Fe fines, cfr Qingdao: \$134.72 per tonne, up \$3.49 per tonne

62% Fe low-alumina fines, cfr Qingdao: \$140.45 per tonne, up \$3.45 per tonne

58% Fe fines high-grade premium, cfr Qingdao: \$110.90 per tonne, up \$3.77 per tonne

65% Fe Brazil-origin fines, cfr Qingdao: \$161.90 per tonne, up \$2.10 per tonne

63% Fe Australia-origin lump ore premium, cfr Qingdao: \$0.2650 per dry metric tonne unit (dmtu), unchanged

62% Fe fines, fot Qingdao: 860 yuan per wet metric tonne (implied 62% Fe China Port Price: \$125.18 per dry tonne), up by 3 yuan per wmt

Quote of the day

"The upward momentum of the futures on the DCE and the front-month swaps on the SGX are probably reacting to the recent announcement from the People's Bank of China on reduced rates for loans. Demand from mills, however, was still very limited but several trading houses are still anticipating demand for iron ore to pick up after the Lunar New Year holiday, so some of these trading houses have been snapping up seaborne cargoes," a northern China buyer source said.

Trades/offers/bids heard in the market

Rio Tinto, Beijing Iron Ore Trading Center (Corex), 170,000 tonnes of 61% Fe Pilbara Blend fines, traded at \$132.10 per tonne cfr China, laycan February 27-March 8.

BHP, Globalore, 80,000 tonnes of 62% Fe Mining Area C fines, traded at \$126.35 per tonne cfr China, laycan February 27-March 8.

BHP, Globalore, 90,000 tonnes of 62% Fe Newman fines, traded at \$134.80 per tonne cfr China, laycan February 27-March 8.

BHP, Corex, 90,000 tonnes of 56.7% Fe Yandi fines, traded at the March average of two 62% Fe indices plus a discount of \$14.50 per tonne, laycan February 26-March 7.

BHP, Corex, another 90,000 tonnes of 56.7% Fe Yandi fines, traded at the March average of two 62% Fe indices plus a discount of \$14.30 per tonne, laycan February 26-March 7.

BHP, Globalore, 90,000 tonnes of 62% Fe Jimblebar fines, traded at the March average of two 62% Fe indices plus a discount of \$20.10 per tonne, March delivery.

Corex, 70,000 tonnes of 62% Fe Pilbara Blend fines, offered at the February average of a 62% Fe index, laycan January 18-27.

Globalore, 70,000 tonnes of 62% Fe Pilbara Blend fines, offered at the February average of a 62% Fe index, laycan January 18-27.

Spot market, 170,000 tonnes of 62% Fe Pilbara Blend fines, traded at the February average of a 62% Fe index plus a discount of \$0.50 per tonne, end-January loading.

Spot market, 170,000 tonnes of 62% Fe Brazilian Blend fines, traded at the February average of Fastmarkets' index for iron ore 62% Fe low-alumina fines, cfr Qingdao plus a premium of \$5.40 per tonne, early February loading.

Market participant indications

MBIOI62 Index (62%Fe basis)

Jimblebar fines: \$106.58-114.78 per tonne cfr China

MBIOI65 Index (65%Fe basis)

Iron Ore Carajas: \$159-165 per tonne cfr China

Port prices

Pilbara Blend fines were traded at 840-860 yuan per wmt in Shandong province, Tangshan and Tianjin city on Thursday, compared with 830-845 yuan per wmt on Wednesday.

The latest range is equivalent to about \$122-125 per tonne in the seaborne market.

Dalian Commodity Exchange

The most-traded May iron ore futures contract closed at 742 yuan per tonne on Thursday, up by 7 yuan per tonne from yesterday's closing price.

Alex Theo in Singapore contributed to this article.



Seaborne premium hard coking coal cargo sealed at historic high price in fob Australia market

By Min Li - Thursday 20 January

Seaborne coking coal prices largely increased on Thursday January 20 due to tight supply and increasing offers; most steel mills were holding back from the market, although a deal was sealed at a historic high on Thursday.

Fastmarkets indices

Premium hard coking coal, cfr Jingtang: \$405.28 per tonne, up \$2.51 per tonne

Hard coking coal, cfr Jingtang: \$357.39 per tonne, up \$3.79 per tonne

Premium hard coking coal, fob DBCT: \$431.10 per tonne, down \$0.01 per tonne

Hard coking coal, fob DBCT: \$375.25 per tonne, up \$1.66 per tonne

In the fob Australia market, a Panamax vessel of premium low-volatility hard coking coal, with March 11-20 laycan, was traded at \$430 per tonne fob Australia on Globalcoal platform on Thursday, Fastmarkets learned.

"It's a historic high price [for premium hard coking coal in the fob Australia market]," a mill source in Vietnam said.

One coke producer source and two trading sources in India predicted that the uptrend in seaborne premium hard coking coal fob price will continue because Australian supply for the spot market is likely to be tight. One trading source said that the seaborne premium hard coking coal fob price should stabilize soon.

Mill's steel prices have been in a downtrend since last November and hot metal output is down 5% in the first quarter of 2022 quarter on quarter, a steel mill source in East Asia said.

In the cfr China market, a Capesize vessel of United States-origin hard coking coal Buchanan was offered at \$427 per tonne cfr China, sources told Fastmarkets on Thursday.

Several mill sources and trading sources said that the offer price is "too high".

"Shanxi-origin low sulfur premium hard coking coal ex-factory price in the spot market is around 2,800 yuan per tonne," a trading source in Fujian province said, indicating that the domestic coking coal price is more competitive.

A source at an Eastern China-based mill said that most mills have completed restocking ahead of the Chinese New Year holiday. It is unwise to procure seaborne coking coal at such a high price, sources added.

Dalian Commodity Exchange

The most-traded May coking coal futures contract closed at 2,312 yuan (\$364.03) per tonne on Thursday, up by 55 yuan per tonne.

The most-traded May coke contract closed at 3,008 yuan per tonne, up by 62 yuan per tonne.

Chinese HRC prices steady despite key lending rate cuts

By Paul Lim, Zihuan Pan - Thursday 20 January

Spot prices for hot-rolled coil in China were unchanged on Thursday January 20, while futures prices for the flat steel product also held steady despite the Chinese central bank announcing a cut to benchmark lending rates.

Domestic

Eastern China (Shanghai): 4,940-4,960 yuan (\$778-781) per tonne, unchanged

On Thursday morning, the People's Bank of China (PBOC) slashed the five-year loan prime rate by 5 basis points to 4.6% from 4.65%, marking the first cut since April 2020. Meanwhile, the one-year loan prime rate was lowered by 10 basis points to 3.7% from 3.8%, following a 5-basis-point cut last month.

The loan prime rate cuts were in line with market expectations after PBOC earlier this week signaled more monetary easing to shore up the broader economy.

The most-traded HRC contract on the Shanghai Futures Exchange remained flat on Thursday, after hitting a high of 4,860 yuan per tonne – a level not seen since November 2 – a day earlier.

In the spot market, HRC trading activities further shrank given the approaching Lunar New Year holiday, traders told Fastmarkets.

Data from a local information provider released on Thursday afternoon showed that China's HRC output increased for a fourth straight week in the week to Thursday.

During the week, HRC output in China increased by 47,900 tonnes to 3.16 million tonnes, while inventories held by traders and mills increased by 49,300 tonnes to 3.04 million tonnes.

Export

Fastmarkets' steel hot-rolled coil index export, fob main port China: \$759.87 per tonne, unchanged

Trading activity for Chinese HRC exports remained thin, with traders kicking off their Lunar New Year holiday and because prices were not appealing compared to offers from other origins.

Offers for SS400 HRC from mills and trading houses were mostly at \$760-770 per tonne fob China on Thursday, while market participants indicated that mills are likely to be willing to sell at \$755-765 per tonne fob China.

"We've already entered the holiday mode. We'd like to wait and see now given the volatile futures prices, an uncertain demand outlook and tightened supply from mills," a Hangzhou-based trader said.

The domestic orders that some mills received have increased, which will reduce their supply for exports, the trader added.

In key import market Vietnam, Indian steelmakers have started to withdraw from the spot market after having secured sufficient orders for March-shipment cargoes.

They are also bullish on spot prices and are hopeful that the price uptrends in the iron ore, coking coal and slab markets point to better days ahead.

A major Indian steelmaker expects to increase its offers to more than \$790 per tonne cfr Vietnam in its next offers for April-shipment cargoes to Asia.



Market chatter

"Finished steel supply is expected to be tight after the Lunar New Year holiday, given expectations of strong demand boosted by the government's stimulus measures and potential production curbs for the Winter Olympics. But the futures prices are likely to fluctuate in a wide range before the holiday," Shanghai-based Maiké Futures said in a report.

Shanghai Futures Exchange

The most-traded May HRC contract closed at 4,815 yuan per tonne on Thursday, flat with [Wednesday's close](#).

Posco-Adani steel project could add to India's oversupply, sources say

By Paul Lim - Thursday 20 January

Posco and the Adani Group's recently announced steel project will likely add to the steel oversupply in India until demand picks up sufficiently to consume the surplus volumes, market sources told Fastmarkets this week.

"While steel demand in India is expected to increase until 250 million tonnes per year eventually, it really depends on whether this project is started up and how economic development in the country is at the point of time," an Indian steel trader in Singapore told Fastmarkets on Thursday January 20.

South Korean steelmaker Posco and Indian conglomerate Adani Group said on January 13 that they were working together to build a green, environmentally friendly greenfield integrated steel mill at Mundra, Gujarat, at an investment cost of \$5 billion.

The steel mill will utilize Posco's steelmaking and research and development technology, as well as use renewable energy resources and green hydrogen. The Adani Group will provide expertise in energy and infrastructure.

Sources said more clarity on the project is needed before any conclusions on its effects on the Indian and wider Asian steel markets can be made, although the capacity of the new steel mill is said to be less than 5 million tonnes per year and "may not have a big impact" on the market.

"It depends a lot on what are the final products produced. For example, whether they are long steel, flat steel, or metallics. It could also be that it produces pig iron to ship to China and Asia amid the strong decarbonization drive going on there," the steel trader said.

Posco already runs a 1.8-million-tpy Posco-Maharashtra rerolling mill, which produces 0.17-2.30 millimeter thick cold-rolled coil at widths of 800-1,800mm for the automotive market, as well as four processing centers in Pune, Delhi, Chennai and Ahmedabad.

This is also just another steel project amid a multitude of other capacity expansion in India, such as those announced by other integrated steelmakers.

JSW Steel plans to expand its steelmaking capacity by 12 million tpy to 36.5 million tpy by 2024, while Tata Steel wants to double its steelmaking capacity to 40 million tpy at its Angul, Kalanganagar and Jamshedpur steelworks.

ArcelorMittal Nippon Steel India (AMNSI) is also seeking to increase its steel production capacity to 18 million tpy from 8.6 million tpy, while Japanese producer Nippon Steel - a joint venture partner in AMNSI - said it planned to build a second steel mill as part of AMNSI's expansion.

"But of course, this will be impactful only if the plant is completed. A greenfield project takes time and there are many regulatory approvals needed. Can this memorandum of understanding (MOU) turn into reality?" a seller source close to an Indian integrated steelmaker said on Thursday.

"This will make the competition field more crowded of course, especially when west India is already dominated by two major integrated steelmakers," he continued.

China rebar sentiment remains cautious after LPR decrease

By Jessica Zong - Thursday 20 January

China's rebar market participants were cautiously bullish about the news that the People's Bank of China (PBOC) cut to the Loan Prime Rate (LPR) on Thursday January 20, but sellers raised spot rebar prices slightly to test buying interest.

Domestic

Eastern China (Shanghai): 4,690-4,730 yuan (\$739-745) per tonne, up by 10 yuan per tonne

PBOC reduced the five-year LPR by five points to 4.6% from the previous 4.65% and cut the one-year LPR by 10 points to 3.7% from the previous 3.8%, according to the official bank notice.

The five-year LPR is more related to housing mortgage interest rates, so the decrease is supposed to boost housing market and the raw materials used in construction, including rebar.

But the rebar market response was chilly because market participants thought the fall in the LPR was not big enough to stimulate buying interest in new houses.

Futures contracts on the Shanghai Futures Exchange did not rise in response to change in the LPR.

Futures rose to a daily high of 4,742 yuan per tonne in the afternoon on lower rebar output data, but then retreated to close the trading session unchanged from Wednesday - mainly due to a lack of confidence among market participants, sources said.

Rebar output at major steel mills in China totaled 2.64 million tonnes in the week to Thursday, down by 208,000 tonnes from the preceding week, according to a local industry information provider.

Market chatter

"Traders raised spot rebar prices slightly [after the] afternoon futures rise, but buyers didn't take it well. My sales volumes were lower than yesterday," a trader in Shanghai said.

Billet

As of 3pm, billet was being traded at 4,410 yuan per tonne, including value-added tax, in Tangshan, up by 30 yuan per tonne from Wednesday.

Shanghai Futures Exchange

The most-traded May rebar futures contract closed at 4,713 yuan per tonne on Thursday, unchanged from the previous day.



Steel scrap

Padnos invests \$6.6mln in recycling expansion

By Amy Hinton - Thursday 20 January

Louis Padnos Iron & Metal is investing \$6.6 million to expand its recycling operations in Wyoming, Michigan.

The Holland, Michigan-based recycler is undertaking the investment in conjunction with the state's Economic Development Agency, fellow developer Right Place Inc and the City of Wyoming, according to an announcement issued on Tuesday January 18.

The company plans to improve its electrical infrastructure, better its ability to recycle ocean-bound plastics and will add new loading docks, a laboratory and a maintenance garage as part of the investment.

Further details of the expansion were not disclosed but it is understood that this latest growth enterprise will add 50 new jobs at the site, which currently has 725 team members and handles the recycling of electronics, non-ferrous metals, paper and plastics.

The company continues to seek growth and has been petitioning to commission a third shredder at its Howell recycling center, also in Michigan,

the precise status of which remains unknown following the Michigan Department of Environment, Great Lakes and Energy's [granting of an air permit in December 2020](#).

Padnos operates two of Michigan's 10 automotive shredders - one in Grand Rapids and one in Howell. The commissioning of a third will bring to 11 the state's tally of shredders.

"One of the things that differentiates us is the number of in-house processing capabilities we have across all commodity families. We like doing the hard work. I thank previous generations for developing that passion, and today it's simply part of our flywheel. We find that it allows us to have more real conversations with our customers to focus on making things more valuable across all aspects of their business," chief executive officer and president Jonathan Padnos said.

"Many of us in the recycling business have been working to push the sustainability conversations for years and it seems that finally the market is making those conversations more frequent and more real. We believe that it bodes well for future generations and for the scrap processing industry in general. It may sound corny, but deep inside we believe that many people want to do the right thing. We are well on our way toward helping our customers accomplish that and we are committed to growing our business with that focus," he added.

Fastmarkets' assessment of the [steel scrap shredded auto scrap, consumer buying price, delivered mill Detroit](#) was \$460 per gross ton in on January 10, down by 11.54% from \$520 per ton the previous month.

Industrial minerals

Sulfate-grade TiO2 prices stable ahead of lunar new year

By Claire Patel-Campbell - Thursday 20 January

Prices for sulfate-grade titanium dioxide remained stable in the week to Thursday January 20, with market participants reporting a slowdown in activity because of the approach of the lunar new year holiday in east Asia.

Fastmarkets' assessment of the price of [titanium dioxide pigment, sulfate grade, fob China](#), remained at \$3,050-3,400 per tonne on Thursday, having begun 2022 with an increase to that price from \$3,000-3,300 per tonne.

"Even though supply is tight and several big titanium dioxide manufacturers in China can only use [some of their] capacity, the Chinese new year is coming. People are preparing for the holiday," a seller said.

At the same time, however, the market continued to face logistical pressures, with shipping delays reported, caused by limited space aboard vessels, alongside high freight costs.

"The pressure comes from delivery," the seller added. "There is a big number of pending orders, and many of them [were intended] to be shipped out before the holiday. But it is very difficult to get space [on vessels] now."

The ilmenite and rutile markets were similarly inert in the fortnight to January 20, in a thinly traded market, although both continued to face similar logistics issues.

"There's a barrier to trade from the countries [they] ship from. Sometimes, freight could be more expensive than the product," a trader said.

Fastmarkets' assessment of the price of [ilmenite concentrate, 47-49% TiO2, cif China](#), remained at \$360-400 per tonne on Thursday, while the assessment for [rutile concentrate, 95% TiO2 min, bulk, cif China](#), remained at \$1,450-1,500 per tonne.

The price assessment for [rutile concentrate, 95% TiO2 min, large volumes for pigment, fob Australia](#), was steady at \$1,400-1,500 per tonne on January 20, while the price for [rutile concentrate, 95% TiO2 min, bagged, fob Australia](#), held at \$1,450-1,550 per tonne.



Graphite markets confident of increased activity after lunar new year

By Jon Stibbs, Sybil Pan - Thursday 20 January

Key data from the graphite pricing sessions in Asia and Europe for the week ended Thursday January 20.

GLOBAL GRAPHITE PRICES			
	New price	Previous price	% Change
Graphite flake 94% C, +100 mesh, fob China, \$/tonne	1,010	1,010	0
Graphite flake 94% C, -100 mesh, fob China, \$/tonne	760	760	0
Graphite flake 94% C, +80 mesh, fob China, \$/tonne	1,200	1,200	0
Graphite flake 94% C, +100 mesh, cif Europe, \$/tonne	1,250	1,250	0
Graphite flake 94% C, -100 mesh, cif Europe, \$/tonne	775	775	0
Graphite flake 94% C, +80 mesh, cif Europe, \$/tonne	1,395	1,395	0
Graphite spherical 99.95% C, 15 microns, fob China, \$/tonne	3,100-3,300	3,100-3,300	0
Graphite amorphous 80% C, -200 mesh, fob China, \$/tonne	480-550	480-550	0
Graphite amorphous 80% C, -200 mesh, FCL, cif Europe, \$/tonne	635-750	635-750	0
Adjustment	This quarter's VIU	Previous quarter's VIU	Quarterly Change
Carbon VIU in %	3.90	4.10	▼0.20
94% C	95% C	96% C	97% C
0.0%	▲3.90%	▲7.80%	▲11.70%
Source: Fastmarkets			

China

- The amorphous market was stable amid tight supply and slow demand from abroad and in the domestic market.
- Flake markets were unchanged with most suppliers on their seasonal winter halt and holding prices firm because of supply issues.

Europe

- Flake and amorphous prices remained stable with little activity reported because of the quiet market in China.
- Transportation and warehousing issues in Europe continued to make business difficult, with some market participants reporting that logistics were still a bigger problem than high prices.
- The holiday in China, allied to high freight costs, could encourage a shift among consumers to source material from Africa or Europe, according to some market participants.
- Volt Resources, which has a controlling interest in Ukraine's Zavalievsky Graphite, said that production was 807 tonnes in December 2021, a rise of 44% from November.
- Further production increases were expected when winter ends and temperatures increase, Volt said on January 20.

Fastmarkets prices the amorphous graphite markets in the third week of every month. The prices shown here relate to January 20, 2022, with the previous assessment made on December 16, 2021.

Graphite flake premium calculator

The Value in Use (VIU) was updated to 3.9% on January 6 for the first quarter of 2022 from 4.1% in the previous quarter.

The Carbon VIU measures, in percentage terms, the price value of one extra % of carbon content as reported in the market. This is the first time that the VIU has fallen below 4% since Fastmarkets began calculating it.

<https://dashboard.fastmarkets.com/a/5081609/fastmarkets-graphite-flake-carbon-value-in-use-narrows-to-below-4-for-first-time>

The VIU is calculated using statistical methods and the large amount of prices and data collected by Fastmarkets. The VIU shown is the value implied by the market and not an in-house assessment.

An example of what the Carbon VIU means practically: A published Carbon VIU of 5% means that material with a 95% carbon content is priced by the market, on average, 5% more expensive than 94% carbon-content material, assuming other factors are equal.

Base metals prices

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

Aluminium prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0343	Aluminium P1020A (MJP) spot premium, cif Japan, \$/tonne	18 Jan 2022	160 - 180	0.00%	Dec 2021	161.67 - 180
MB-AL-0001	Aluminium P1020A (MJP) quarterly premium, cif Japan, \$/tonne	07 Jan 2022	177	-18.62%	Dec 2021	215 - 220
MB-AL-0344	Aluminium P1020A premium, cif South Korea, \$/tonne	18 Jan 2022	170 - 180	0.00%	Dec 2021	160 - 170
MB-AL-0307	Aluminium P1020A premium, fca South Korea, \$/tonne	18 Jan 2022	175 - 185	0.00%	Dec 2021	175 - 185
MB-AL-0329	Aluminium P1020A premium, cif Taiwan, \$/tonne	11 Jan 2022	160 - 200	0.00%	Dec 2021	167.5 - 200
MB-AL-0328	Aluminium P1020A premium, bonded in-whs, Shanghai, \$/tonne	29 Dec 2021	50 - 80	-13.33%	Dec 2021	50 - 80
MB-AL-0345	Aluminium P1020A premium, cif Shanghai, \$/tonne	29 Dec 2021	50 - 70	-7.69%	Dec 2021	50 - 70
MB-AL-0346	Aluminium P1020A premium, in-whs dup Rotterdam, \$/tonne	20 Jan 2022	350 - 370	0.00%	Dec 2021	250.24 - 266.43
MB-AL-0004	Aluminium P1020A premium, in-whs dp Rotterdam, \$/tonne	18 Jan 2022	430 - 460	0.00%	Dec 2021	321.11 - 345
MB-AL-0316	Aluminium P1020A premium, fca dp Italy, \$/tonne	18 Jan 2022	500 - 520	2.00%	Dec 2021	377.5 - 396.25
MB-AL-0319	Aluminium P1020A premium, fca dp Spain, \$/tonne	11 Jan 2022	490 - 500	20.73%	Dec 2021	382.5 - 397.5
MB-AL-0021	Aluminium P1020A premium, delivered Sao Paulo region, \$/tonne	11 Jan 2022	400 - 450	13.33%	Dec 2021	375 - 425
MB-AL-0022	Aluminium P1020A premium, cif dup Brazilian main ports, \$/tonne	11 Jan 2022	380 - 410	1.28%	Dec 2021	380 - 400
MB-AL-0020	Aluminium P1020A premium, ddp Midwest US, US cents/lb	18 Jan 2022	31.5 - 34.5	0.00%	Dec 2021	27.22 - 29.78
MB-AL-0231	Aluminum P1020A all-in price, delivered Midwest US, US cents/lb	20 Jan 2022	172.77 - 175.77	1.98%	Dec 2021	149.23 - 151.99
MB-AL-0337	Aluminium P1020A premium, cif dup Turkey, \$/tonne	11 Jan 2022	340 - 350	4.55%	Dec 2021	295 - 310
MB-AL-0381	Aluminium low-carbon differential P1020A, Europe, \$/tonne	07 Jan 2022	0 - 10	0.00%	Dec 2021	0 - 10
MB-AL-0378	Aluminium P1020A premium, in-whs dp Rotterdam, inferred low-carbon midpoint, \$/tonne	18 Jan 2022	450	0.00%	Dec 2021	338.06
MB-AL-0377	Aluminium P1020A premium, in-whs dup Rotterdam, inferred low-carbon midpoint, \$/tonne	20 Jan 2022	365	0.00%	Dec 2021	263.33
MB-AL-0333	Aluminium P1020A warrant premium, in-whs Southeast Asia, \$/tonne	19 Jan 2022	60 - 80	16.67%	Dec 2021	40 - 62
MB-AL-0334	Aluminium P1020A, warrant premium, in-whs East Asia, \$/tonne	19 Jan 2022	60 - 80	33.33%	Dec 2021	40 - 66
MB-AL-0338	Aluminium P1020A warrant premium, in-whs US, \$/tonne	19 Jan 2022	115 - 125	0.00%	Dec 2021	115 - 125
MB-AL-0297	Aluminium 6063 extrusion billet premium, cif Thailand, \$/tonne	14 Jan 2022	465 - 500	1.58%	Dec 2021	465 - 485
MB-AL-0298	Aluminium 6063 extrusion quarterly billet premium, cif MJP, \$/tonne	15 Oct 2021	180 - 200	16.92%	Dec 2021	180 - 200
MB-AL-0302	Aluminium 6063 extrusion billet premium, ddp North Germany (Ruhr region), \$/tonne	14 Jan 2022	1500 - 1550	0.33%	Dec 2021	1470 - 1520
MB-AL-0300	Aluminium 6063 extrusion billet premium, ddp Italy (Brescia region), \$/tonne	14 Jan 2022	1500 - 1550	0.33%	Dec 2021	1470 - 1540
MB-AL-0299	Aluminium 6063 extrusion billet premium, ddp Spain, \$/tonne	14 Jan 2022	1500 - 1550	4.10%	Dec 2021	1430 - 1500
MB-AL-0002	Aluminium 6063 extrusion billet premium, in-whs dp Rotterdam, \$/tonne	14 Jan 2022	1460 - 1510	0.34%	Dec 2021	1430 - 1480
MB-AL-0296	Aluminium 6063 extrusion billet premium, cif Turkey (Marmara region), \$/tonne	14 Jan 2022	700 - 750	0.00%	Dec 2021	700 - 750
MB-AL-0052	Aluminum 6063 extrusion billet premium, delivered Midwest US, US cents/lb	14 Jan 2022	27 - 34	17.31%	Dec 2021	24 - 28



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0287	Aluminium 6063 & 6060 extrusion billet premium, cif Brazilian main ports, \$/tonne	14 Jan 2022	700 - 720	1.43%	Dec 2021	680 - 720
MB-AL-0382	Aluminium low-carbon differential value-added product, Europe, \$/tonne	07 Jan 2022	20 - 30	0.00%	Dec 2021	20 - 30
MB-AL-0379	Aluminium 6063 extrusion billet premium, ddp Italy (Brescia region), inferred low-carbon midpoint, \$/tonne	14 Jan 2022	1550	0.32%	Dec 2021	1530
MB-AL-0380	Aluminium 6063 extrusion billet premium, ddp North Germany (Ruhr region), inferred low-carbon midpoint, \$/tonne	14 Jan 2022	1550	0.32%	Dec 2021	1520
MB-AL-0341	Aluminium primary foundry alloy silicon 7 ingot premium, cif dup over P1020A Turkey, \$/tonne	14 Jan 2022	500 - 600	0.00%	Dec 2021	500 - 600
MB-AL-0349	Aluminium primary foundry alloy silicon 7 ingot annual premium, cif MJP, \$/tonne	20 Jan 2022	120 - 150	22.73%	Dec 2021	100 - 120
MB-AL-0348	Aluminium primary foundry alloy silicon 7 ingot annual premium, cif main South Korean ports, \$/tonne	20 Jan 2022	120 - 150	28.57%	Dec 2021	90 - 120
MB-AL-0342	Aluminium primary foundry alloy silicon 7 ingot /T-bar premium, dlvd dup over P1020A Midwest US, US cents/lb	14 Jan 2022	17 - 22	62.50%	Dec 2021	11 - 13
MB-AL-0340	Aluminium primary foundry alloy silicon 7 ingot premium, ddp Eastern Europe, \$/tonne	14 Jan 2022	850 - 900	9.38%	Dec 2021	750 - 850
MB-AL-0339	Aluminium primary foundry alloy silicon 7 ingot premium, ddp Germany, \$/tonne	14 Jan 2022	850 - 900	9.38%	Dec 2021	750 - 850
MB-AL-0045	Aluminum 6061 alloyed ingot, US cents/lb	03 Jan 2022	1.67 - 1.73	3.03%	Dec 2021	1.61 - 1.69
MB-AL-0046	Aluminum 6063 alloyed ingot, US cents/lb	03 Jan 2022	1.75 - 1.81	2.89%	Dec 2021	1.69 - 1.77
MB-AL-0277	Aluminum alloy C355.2 ingot, delivered, \$/lb	20 Jan 2022	2.19	1.39%	Dec 2021	1.86
MB-AL-0289	Aluminium import arbitrage, \$/tonne	20 Jan 2022	(159.92)		Dec 2021	(116.34)
MB-AL-0290	Aluminium import arbitrage, yuan/tonne	20 Jan 2022	(1016.67)		Dec 2021	(742.36)
MB-AL-0256	Aluminium fixing price for LME trade, rand/tonne	20 Jan 2022	47604.89	0.99%	Dec 2021	42891.1

Metallurgical bauxite & alumina prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ALU-0010	Alumina index inferred, fob Brazil, \$/dmt	20 Jan 2022	362.33	1.01%	Dec 2021	372.3
MB-ALU-0003	Alumina index adjustment to fob Australia index, Brazil, \$/dmt	13 Jan 2022	10.18	-20.53%	Dec 2021	14.54
MB-ALU-0002	Alumina index, fob Australia, \$/tonne	20 Jan 2022	352.15	1.04%	Dec 2021	356.24
MB-ALU-0001	Alumina metallurgical grade, exw China, yuan/tonne	20 Jan 2022	3000 - 3100	7.96%	Dec 2021	2810 - 2980
MB-BX-0015	Bauxite, fob Trombetas, Brazil, \$/dmt	20 Jan 2022	32	0.00%	Dec 2021	32
MB-BX-0014	Bauxite, fob Kamsar, Guinea, \$/dmt	20 Jan 2022	27	0.00%	Dec 2021	27

Copper prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0412	Copper EQ cathode premium, cif Shanghai, \$/tonne	11 Jan 2022	(15) - 0		Dec 2021	5 - 20
MB-CU-0411	Copper EQ cathode premium, cif Europe, \$/tonne	11 Jan 2022	20 - 30	0.00%	Dec 2021	20 - 30
MB-CU-0369	Copper grade A cathode premium, cif Rotterdam, \$/tonne	11 Jan 2022	50 - 60	10.00%	Dec 2021	45 - 55
MB-CU-0372	Copper grade A cathode premium, delivered Germany, \$/tonne	11 Jan 2022	110 - 130	41.18%	Dec 2021	80 - 90
MB-CU-0406	Copper grade A cathode premium, cif Leghorn, \$/tonne	11 Jan 2022	85 - 95	9.09%	Dec 2021	75 - 90



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0380	Copper grade A cathode ER premium, cif Shanghai, \$/tonne	20 Jan 2022	60 - 70	-2.99%	Dec 2021	84.14 - 94.62
MB-CU-0383	Copper grade A cathode ER premium, bonded in-whs Shanghai, \$/tonne	20 Jan 2022	63 - 72	-3.57%	Dec 2021	94.52 - 104.9
MB-CU-0403	Copper grade A cathode premium, cif Shanghai, \$/tonne	20 Jan 2022	48 - 70	-4.84%	Dec 2021	75.24 - 94.62
MB-CU-0405	Copper grade A cathode premium, in-whs Shanghai, \$/tonne	20 Jan 2022	50 - 72	-6.15%	Dec 2021	84.52 - 104.9
MB-CU-0384	Copper grade A cathode SX-EW premium, cif Shanghai, \$/tonne	20 Jan 2022	48 - 55	-9.65%	Dec 2021	75.24 - 81.81
MB-CU-0382	Copper grade A cathode SX-EW premium, bonded in-whs Shanghai, \$/tonne	20 Jan 2022	50 - 60	-8.33%	Dec 2021	84.52 - 93.67
MB-CU-0399	Copper grade A cathode premium, cif Southeast Asia, \$/tonne	18 Jan 2022	80 - 90	0.00%	Dec 2021	80 - 90
MB-CU-0386	Copper grade A cathode premium, cif Taiwan, \$/tonne	11 Jan 2022	75 - 90	0.00%	Dec 2021	75 - 90
MB-CU-0404	Copper grade A cathode premium, cif South Korea, \$/tonne	11 Jan 2022	75 - 85	0.00%	Dec 2021	75 - 85
MB-CU-0310	Copper grade 1 cathode premium, ddp Midwest US, \$/tonne	18 Jan 2022	176.37 - 220.46	0.00%	Dec 2021	
MB-CU-0002	Copper grade 1 cathode premium, ddp Midwest US, US cents/lb	18 Jan 2022	8 - 10	0.00%	Dec 2021	8 - 10
MB-CU-0309	Copper grade 1 cathode all-in price, ddp Midwest US, US cents/lb	20 Jan 2022	465.65 - 467.65	2.50%	Dec 2021	440.72 - 442.72
MB-CU-0400	Copper grade A cathode warrant premium, in-whs North Europe, \$/tonne	19 Jan 2022	5 - 10	0.00%	Dec 2021	5 - 10
MB-CU-0401	Copper grade A cathode warrant premium, in-whs South Europe, \$/tonne	19 Jan 2022	15 - 25	0.00%	Dec 2021	15 - 25
MB-CU-0397	Copper grade A cathode warrant premium, in-whs Southeast Asia, \$/tonne	19 Jan 2022	35 - 60	72.73%	Dec 2021	13 - 24
MB-CU-0398	Copper grade A cathode warrant premium, in-whs East Asia \$/tonne	19 Jan 2022	10 - 20	0.00%	Dec 2021	13 - 23
MB-CU-0377	Copper grade A cathode warrant premium, in-whs US, \$/tonne	19 Jan 2022	10 - 25	0.00%	Dec 2021	10 - 25
MB-CU-0336	Copper Aurubis grade A cathode annual premium, exw Europe, \$/tonne	16 Jan 2019	96	11.63%	Dec 2021	
MB-CU-0410	Copper rod premium, ddp Midwest US, US cents/lb	06 Jan 2022	21 - 23	0.00%	Dec 2021	21 - 23
MB-CU-0361	Copper import arbitrage, \$/tonne	20 Jan 2022	(75.69)		Dec 2021	14.61
MB-CU-0362	Copper import arbitrage, yuan/tonne	20 Jan 2022	(481.18)		Dec 2021	93.24
MB-CU-0338	Copper fixing price for LME trade, rand/tonne	20 Jan 2022	151946.79	-0.15%	Dec 2021	151838.38
MB-CU-0321	Copper Republican copper price for Palabora 7.90mm South Africa Rand per tonne	30 Nov 2021	151699.21	4.46%	Dec 2021	

Copper concentrate & copper blister prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0287	Copper concentrates TC index, cif Asia Pacific, \$/tonne	14 Jan 2022	60	2.21%	Dec 2021	56.44
MB-CU-0288	Copper concentrates RC index, cif Asia Pacific, US cents/lb	14 Jan 2022	6	2.21%	Dec 2021	5.64
MB-CU-0422	Copper concentrates counterparty spread, \$/tonne	04 Jan 2022	9.58	-8.33%	Dec 2021	10.45
MB-CU-0423	Copper Concentrates Co-VIU, \$/tonne	04 Jan 2022	(0.45)		Dec 2021	0.28
MB-CU-0508	Copper concentrates TC implied smelters purchase, cif Asia Pacific, \$/tonne	14 Jan 2022	64.79	2.05%	Dec 2021	61.67
MB-CU-0510	Copper concentrates RC implied smelters purchase, cif Asia Pacific, cents/lb	14 Jan 2022	6.48	2.05%	Dec 2021	6.17
MB-CU-0509	Copper concentrates TC implied traders purchase, cif Asia Pacific, \$/tonne	14 Jan 2022	55.21	2.41%	Dec 2021	51.22
MB-CU-0511	Copper concentrates RC implied traders purchase, cif Asia Pacific, cents/lb	14 Jan 2022	5.52	2.41%	Dec 2021	5.12



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

Nickel prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0241	Nickel briquette premium, delivered Midwest US, US cents/lb	18 Jan 2022	65 - 90	0.00%	Dec 2021	67.5 - 90
MB-NI-0242	Nickel 4x4 cathode all-in price, delivered Midwest US, US cents/lb	20 Jan 2022	1138.67 - 1148.67	4.58%	Dec 2021	962.9 - 970.76
MB-NI-0243	Nickel briquette all-in price, delivered Midwest US, US cents/lb	20 Jan 2022	1148.67 - 1173.67	4.51%	Dec 2021	975.29 - 997.9
MB-NI-0240	Nickel 4x4 cathode premium, delivered Midwest US, US cents/lb	18 Jan 2022	55 - 65	0.00%	Dec 2021	55 - 63.75
MB-NI-0245	Nickel min 99.8% briquette premium, cif Shanghai, \$/tonne	29 Dec 2021	400 - 500	28.57%	Dec 2021	400 - 500
MB-NI-0142	Nickel min 99.8% full plate premium, cif Shanghai, \$/tonne	18 Jan 2022	330 - 350	0.00%	Dec 2021	305 - 335
MB-NI-0143	Nickel min 99.8% full plate premium, in-whs Shanghai, \$/tonne	18 Jan 2022	350 - 375	0.00%	Dec 2021	325 - 352.5
MB-NI-0001	Nickel 4x4 cathode premium, in-whs Rotterdam, \$/tonne	18 Jan 2022	220 - 290	0.00%	Dec 2021	220 - 290
MB-NI-0002	Nickel briquette premium, in-whs Rotterdam, \$/tonne	18 Jan 2022	150 - 200	9.38%	Dec 2021	150 - 170
MB-NI-0003	Nickel uncut cathode premium, in-whs Rotterdam, \$/tonne	18 Jan 2022	70 - 90	0.00%	Dec 2021	70 - 90
MB-NI-0139	Nickel min 99.8% full plate warrant premium, in-whs East Asia, \$/tonne	19 Jan 2022	30 - 45	0.00%	Dec 2021	30 - 43
MB-NI-0137	Nickel min 99.8% full plate warrant premium, in-whs Southeast Asia, \$/tonne	19 Jan 2022	30 - 45	0.00%	Dec 2021	30 - 45
MB-NI-0140	Nickel min 99.8% briquette warrant premium, in-whs East Asia, \$/tonne	19 Jan 2022	50 - 60	0.00%	Dec 2021	50 - 60
MB-NI-0138	Nickel min 99.8% briquette warrant premium, in-whs Southeast Asia, \$/tonne	19 Jan 2022	50 - 60	0.00%	Dec 2021	50 - 60
MB-NI-0141	Nickel min 99.8% warrant premium, in-whs North Europe, \$/tonne	19 Jan 2022	50 - 175	0.00%	Dec 2021	38 - 157
MB-NI-0244	Nickel sulfate min 21%, max 22.5%; cobalt 10ppm max, exw China, yuan/tonne	14 Jan 2022	36000 - 37000	2.82%	Dec 2021	34500 - 35300
MB-NI-0246	Nickel sulfate, cif China, Japan and Korea, \$/tonne	04 Jan 2022	4898	-1.33%	Dec 2021	4964
MB-NI-0247	Nickel sulfate premium, cif China, Japan and Korea, \$/tonne	04 Jan 2022	1900	-17.39%	Dec 2021	2300
MB-NI-0107	Nickel import arbitrage, yuan/tonne	20 Jan 2022	2362.06	-8.25%	Dec 2021	1610.79
MB-NI-0106	Nickel import arbitrage, \$/tonne	20 Jan 2022	371.54	-8.18%	Dec 2021	252.32
MB-NI-0093	Nickel fixing price for LME trade, rand/tonne	20 Jan 2022	365897.05	3.38%	Dec 2021	319300.16

Nickel ore & laterite ore prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NIO-0001	Nickel ore 1.8% basis 15-20% Fe water content: 30-35% Si:Mg ratio<2 lot size 50,000 tonnes, cif China, \$/tonne	14 Jan 2022	115 - 118	0.00%	Dec 2021	116.8 - 120.4
MB-NIO-0002	Laterite ore with 1.5% Ni content, cif China, \$/tonne	14 Jan 2022	81 - 83	0.00%	Dec 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	18 Jan 2022	125 - 145	0.00%	Dec 2021	125 - 145
MB-PB-0107	Lead 99.97% ingot premium, cif Southeast Asia, \$/tonne	18 Jan 2022	80 - 110	0.00%	Dec 2021	80 - 110
MB-PB-0084	Lead 99.97% ingot premium, cif Taiwan, \$/tonne	11 Jan 2022	100 - 120	2.33%	Dec 2021	100 - 115
MB-PB-0083	Lead 99.99% ingot premium, cif Taiwan, \$/tonne	11 Jan 2022	140 - 150	3.57%	Dec 2021	135 - 145
MB-PB-0087	Lead 99.97% ingot premium, cif India, \$/tonne	18 Jan 2022	50 - 130	0.00%	Dec 2021	50 - 130
MB-PB-0086	Lead 99.99% ingot premium, cif India, \$/tonne	18 Jan 2022	140 - 150	0.00%	Dec 2021	140 - 150
MB-PB-0099	Lead 99.99% ingot premium, delivered Midwest US, US cents/lb	18 Jan 2022	19 - 22	0.00%	Dec 2021	18 - 20.5
MB-PB-0006	Lead 99.97% ingot premium, ddp Midwest US, US cents/lb	18 Jan 2022	18 - 20	2.70%	Dec 2021	16 - 19
MB-PB-0056	Lead 99.97% ingot all-in price, ddp Midwest US, US cents/lb	20 Jan 2022	125.39 - 127.39	0.61%	Dec 2021	120.1 - 123.1
MB-PB-0109	Lead 99.97% ingot warrant premium, in-whs North Europe, \$/tonne	19 Jan 2022	30 - 50	0.00%	Dec 2021	24 - 42
MB-PB-0110	Lead 99.97% ingot warrant premium, in-whs South Europe, \$/tonne	19 Jan 2022	30 - 50	0.00%	Dec 2021	24 - 38
MB-PB-0106	Lead min 99.97% ingot warrant premium, in-whs East Asia \$/tonne	19 Jan 2022	5 - 20	0.00%	Dec 2021	5 - 20
MB-PB-0105	Lead min 99.97% ingot warrant premium, in-whs Southeast Asia \$/tonne	19 Jan 2022	5 - 20	0.00%	Dec 2021	5 - 20
MB-PB-0097	Lead 99.97% ingot warrant premium, in-whs US, \$/tonne	19 Jan 2022	20 - 30	0.00%	Dec 2021	20 - 30
MB-PB-0064	Lead fixing price for LME trade, rand/tonne	20 Jan 2022	36283.52	-0.64%	Dec 2021	36595.63

Lead concentrate prices

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

Tin prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SN-0029	Tin 99.9% low lead ingot premium, in-whs Rotterdam, \$/tonne	11 Jan 2022	1500 - 2000	0.00%	Dec 2021	1500 - 2000
MB-SN-0002	Tin 99.9% ingot premium, in-whs Rotterdam, \$ per tonne	11 Jan 2022	1000 - 1400	0.00%	Dec 2021	1050 - 1400
MB-SN-0036	Tin 99.85% ingot premium, in-whs Baltimore, \$/tonne	11 Jan 2022	1900 - 2200	0.00%	Dec 2021	1900 - 2200
MB-SN-0038	Tin 99.9% ingot premium, cif Taiwan, \$/tonne	11 Jan 2022	350 - 500	0.00%	Dec 2021	325 - 450
MB-SN-0012	Tin grade A min 99.85% ingot all-in price, ddp Midwest US, \$/tonne	20 Jan 2022	46290 - 46690	2.63%	Dec 2021	41668.81 - 42197.38
MB-SN-0011	Tin grade A min 99.85% ingot premium, ddp Midwest US, \$/tonne	11 Jan 2022	2100 - 2500	0.00%	Dec 2021	2100 - 2500
MB-SN-0042	Tin min 99.85% ingot warrant premium, in-whs South East Asia, \$/tonne	19 Jan 2022	50 - 100	-25.00%	Dec 2021	50 - 150
MB-SN-0005	Tin rand fixing price for LME trade, rand/tonne	20 Jan 2022	676603.35	1.22%	Dec 2021	629447.24

Zinc prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0115	Zinc SHG 99.995% ingot premium, fca Malaysia, \$/per tonne	11 Jan 2022	140 - 150	-3.33%	Dec 2021	140 - 155
MB-ZN-0113	Zinc SHG 99.995% ingot premium, fca Singapore, \$/per tonne	11 Jan 2022	140 - 150	-3.33%	Dec 2021	140 - 155
MB-ZN-0093	Zinc SHG min 99.995% ingot premium, cif Southeast Asia, \$/tonne	11 Jan 2022	145 - 160	0.00%	Dec 2021	145 - 160
MB-ZN-0116	Zinc SHG 99.995% ingot premium, cif Taiwan \$/tonne	11 Jan 2022	150 - 160	0.00%	Dec 2021	150 - 160
MB-ZN-0119	Zinc min 99.995% ingot premium, in-whs Shanghai, \$/tonne	18 Jan 2022	80 - 90	0.00%	Dec 2021	77.5 - 87.5
MB-ZN-0106	Zinc SHG min 99.995% ingot premium, cif Shanghai, \$/per tonne	18 Jan 2022	80 - 90	0.00%	Dec 2021	77.5 - 87.5
MB-ZN-0102	Zinc SHG min 99.995% ingot premium, ddp Italy, \$/per tonne	11 Jan 2022	380 - 420	0.00%	Dec 2021	380 - 420
MB-ZN-0103	Zinc SHG min 99.995% ingot premium, fca dp Italy, \$/tonne	11 Jan 2022	350 - 380	0.00%	Dec 2021	350 - 380
MB-ZN-0099	Zinc SHG min 99.995% ingot premium, dp fca Antwerp, \$/tonne	18 Jan 2022	320 - 360	4.62%	Dec 2021	260 - 290
MB-ZN-0001	Zinc SHG min 99.995% ingot premium, dp fca Rotterdam, \$/tonne	18 Jan 2022	320 - 360	4.62%	Dec 2021	260 - 290
MB-ZN-0082	Zinc SHG min 99.995% ingot premium monthly average, delivered UK, £/tonne	04 Jan 2022	2822	6.57%	Dec 2021	2648
MB-ZN-0005	Zinc SHG min 99.995% ingot premium, ddp Midwest US, US cents/lb	18 Jan 2022	18 - 23	2.50%	Dec 2021	15 - 19
MB-ZN-0061	Zinc SHG min 99.995% ingot all-in price, ddp Midwest US, US cents/lb	20 Jan 2022	184.58 - 189.58	1.77%	Dec 2021	169.16 - 173.16
MB-ZN-0104	Zinc SHG min 99.995% warrant premium, in-whs US, \$/per tonne	19 Jan 2022	10 - 15	0.00%	Dec 2021	10 - 15
MB-ZN-0117	Zinc SHG min 99.995% warrant premium, in-whs North Europe, \$/tonne	19 Jan 2022	80 - 100	0.00%	Dec 2021	80 - 100
MB-ZN-0123	Zinc SHG min 99.995% warrant premium, in-whs Southeast Asia, \$/tonne	19 Jan 2022	10 - 20	-25.00%	Dec 2021	10 - 20
MB-ZN-0083	Zinc import arbitrage, \$/tonne	20 Jan 2022	(286.68)		Dec 2021	(243.21)
MB-ZN-0084	Zinc import arbitrage, yuan/tonne	20 Jan 2022	(1822.56)		Dec 2021	(1552.06)
MB-ZN-0072	Zinc rand fixing price for LME trade, rand/tonne	20 Jan 2022	56247.1	0.57%	Dec 2021	54173.84

Zinc concentrate & zinc alloy prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0121	Zinc concentrate TC spot, delivered South China, yuan/tonne	31 Dec 2021	3650 - 3950	-2.56%	Dec 2021	3650 - 3950
MB-ZN-0120	Zinc concentrate TC spot, delivered North China, yuan/tonne	31 Dec 2021	3950 - 4100	-1.83%	Dec 2021	3950 - 4100
MB-ZN-0110	Zinc spot concentrate TC, cif China, \$/per tonne	14 Jan 2022	90 - 120	17.98%	Dec 2021	74 - 97.5
MB-ZN-0111	Zinc concentrate TC annual benchmark, cif China, \$/per tonne	24 Jul 2019	245	66.67%	Dec 2021	245

Minor metals prices

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

Global cobalt metal & intermediate prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0005	Cobalt standard grade, in-whs Rotterdam, \$/lb	20 Jan 2022	34.1 - 34.6	0.06%	Dec 2021	32.78 - 33.56
MB-CO-0004	Cobalt alloy grade, in-whs Rotterdam, \$/lb	20 Jan 2022	34.1 - 34.6	0.06%	Dec 2021	32.78 - 33.56
MB-CO-0001	Cobalt 99.8% Co min, ex-works China, yuan/tonne	19 Jan 2022	495000 - 515000	-0.49%	Dec 2021	474500 - 484800
MB-CO-0017	Cobalt sulfate 20.5% Co basis, exw China, yuan/tonne	19 Jan 2022	104000 - 105000	0.00%	Dec 2021	97000 - 98800
MB-CO-0012	Cobalt tetroxide 72.6% Co min, delivered China, yuan/tonne	19 Jan 2022	405000 - 410000	1.24%	Dec 2021	367600 - 373000
MB-CO-0020	Cobalt hydroxide index 30% Co min, cif China, \$/lb	14 Jan 2022	29.71	1.40%	Dec 2021	27.47
MB-CO-0021	Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	19 Jan 2022	88 - 90	0.00%	Dec 2021	88.2 - 90
MB-CO-0023	Cobalt hydroxide, min 30% Co, inferred, China, \$/lb	20 Jan 2022	30.35	0.00%	Dec 2021	

Europe minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0004	Cobalt alloy grade, in-whs Rotterdam, \$/lb	20 Jan 2022	34.1 - 34.6	0.06%	Dec 2021	32.78 - 33.56
MB-CO-0005	Cobalt standard grade, in-whs Rotterdam, \$/lb	20 Jan 2022	34.1 - 34.6	0.06%	Dec 2021	32.78 - 33.56
MB-AS-0001	Arsenic 99% min As, in-whs Rotterdam, \$/lb	14 Jan 2022	1.4 - 1.7	0.00%	Dec 2021	1.4 - 1.7
MB-SB-0002	Antimony MMTA standard grade II, in-whs Rotterdam, \$/tonne	19 Jan 2022	13000 - 13600	0.00%	Dec 2021	12870 - 13560
MB-SB-0001	Antimony max 100 ppm Bi, in-whs Rotterdam, \$/tonne	19 Jan 2022	13100 - 13600	0.00%	Dec 2021	12900 - 13600
MB-BI-0001	Bismuth 99.99% Bi min, in-whs Rotterdam, \$/lb	19 Jan 2022	3.9 - 4.2	0.00%	Dec 2021	3.95 - 4.2
MB-CR-0001	Chromium alumino-thermic 99% min, in-whs Rotterdam, \$/tonne	14 Jan 2022	11700 - 12850	-2.00%	Dec 2021	11760 - 12910
MB-GA-0001	Gallium 99.99% Ga min, in-whs Rotterdam, \$/kg	19 Jan 2022	390 - 415	0.00%	Dec 2021	390 - 412
MB-GER-0003	Germanium 99.99% Ge, in-whs Rotterdam, \$/kg	19 Jan 2022	1410 - 1480	0.00%	Dec 2021	1393 - 1465
MB-IN-0002	Indium 99.99%, in-whs Rotterdam, \$/kg	19 Jan 2022	252 - 285	0.00%	Dec 2021	257 - 290.5
MB-MG-0001	Magnesium 99.9%, in-whs Rotterdam, \$/tonne	14 Jan 2022	8550 - 9050	0.00%	Dec 2021	8060 - 8620
MB-MN-0001	Manganese 99.7% electrolytic manganese flake, in-whs Rotterdam, \$/tonne	19 Jan 2022	7000 - 7300	-1.38%	Dec 2021	7290 - 7590
MB-RE-0001	Rhenium APR catalytic grade, in-whs dup Rotterdam, \$/kg	14 Jan 2022	995 - 1100	5.28%	Dec 2021	890 - 1100
MB-RE-0002	Rhenium metal pellets 99.9% Re min, in-whs dup, Rotterdam \$/lb	14 Jan 2022	360 - 600	-9.43%	Dec 2021	360 - 700
MB-SE-0002	Selenium 99.5% Se min, in-whs Rotterdam, \$/lb	19 Jan 2022	9.7 - 11.25	0.00%	Dec 2021	9.7 - 10.94
MB-SI-0004	Silicon grade 5-5-3 98.5% Si min, in-whs Rotterdam, €/tonne	14 Jan 2022	4100 - 5700	-5.77%	Dec 2021	5300 - 6000
MB-SI-0001	Silicon grade 4-4-1 99% Si min, in-whs Rotterdam, €/tonne	14 Jan 2022	5000 - 6500	-4.17%	Dec 2021	5500 - 6500
MB-TE-0001	Tellurium 99.9-99.99% Te min, in-whs Rotterdam, \$/kg	19 Jan 2022	60 - 75	0.00%	Dec 2021	60.6 - 73.5

China minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0001	Cobalt 99.8% Co min, ex-works China, yuan/tonne	19 Jan 2022	495000 - 515000	-0.49%	Dec 2021	474500 - 484800
MB-CO-0021	Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	19 Jan 2022	88 - 90	0.00%	Dec 2021	88.2 - 90
MB-CO-0020	Cobalt hydroxide index 30% Co min, cif China, \$/lb	14 Jan 2022	29.71	1.40%	Dec 2021	27.47
MB-CO-0023	Cobalt hydroxide, min 30% Co, inferred, China, \$/lb	20 Jan 2022	30.35	0.00%	Dec 2021	
MB-CO-0017	Cobalt sulfate 20.5% Co basis, exw China, yuan/tonne	19 Jan 2022	104000 - 105000	0.00%	Dec 2021	97000 - 98800
MB-CO-0012	Cobalt tetroxide 72.6% Co min, delivered China, yuan/tonne	19 Jan 2022	405000 - 410000	1.24%	Dec 2021	367600 - 373000
MB-SB-0003	Antimony MMTA standard grade II, ddp China, yuan/tonne	14 Jan 2022	73000 - 74000	0.00%	Dec 2021	73000 - 74000
MB-BI-0002	Bismuth 99.99% Bi min, in-whs China, yuan/tonne	14 Jan 2022	43000 - 44000	-2.25%	Dec 2021	44800 - 45300
MB-GA-0002	Gallium 99.99% Ga min, in-whs China, yuan/kg	14 Jan 2022	2280 - 2300	-1.51%	Dec 2021	2372 - 2450
MB-GER-0004	Germanium 99.999% Ge min, in-whs China, yuan/kg	14 Jan 2022	9200 - 9450	0.00%	Dec 2021	9180 - 9450
MB-GER-0001	Germanium dioxide, in-whs China, \$/kg	19 Jan 2022	920 - 955	0.00%	Dec 2021	912 - 955
MB-IN-0003	Indium 99.99%, exw China, yuan/kg	14 Jan 2022	1450 - 1480	-0.68%	Dec 2021	1508 - 1542
MB-MG-0002	Magnesium 99.9% Mg min, fob China main ports, \$/tonne	14 Jan 2022	7200 - 7300	-13.69%	Dec 2021	7180 - 7400
MB-MG-0003	Magnesium 99.9%, exw China, yuan/tonne	14 Jan 2022	41000 - 43000	-18.45%	Dec 2021	43000 - 44400
MB-MN-0007	Manganese 99.7% electrolytic manganese flake, fob China, \$/tonne	14 Jan 2022	6500 - 6700	0.00%	Dec 2021	6260 - 6500
MB-SI-0002	Silicon export 98.5% Si min, fob China, \$/tonne	14 Jan 2022	3050 - 3200	0.00%	Dec 2021	3180 - 3360
MB-SE-0003	Selenium 99.9% Se min, in-whs China, yuan/kg	14 Jan 2022	130 - 170	0.00%	Dec 2021	130 - 183
MB-TE-0002	Tellurium 99.99% Te min, in-whs China, yuan/kg	14 Jan 2022	450 - 460	0.00%	Dec 2021	458 - 465
MB-TA-0001	Tantalite, basis 25% min Ta2O5, cif China, \$ per lb Ta2O5	14 Jan 2022	82 - 85	1.83%	Dec 2021	76.4 - 81.6

US minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CR-0002	Chromium alumino-thermic 99% min ex-US warehouse \$/lb	20 Jan 2022	5.5 - 5.8	14.60%	Dec 2021	4.85 - 5
MB-SI-0003	Silicon, ddp US, US cents/lb	20 Jan 2022	450 - 500	0.00%	Dec 2021	468 - 496
MB-TI-0007	Titanium plate commercially pure, fob shipping point US, \$/lb	10 Jan 2022	11 - 13	0.00%	Dec 2021	11 - 13
MB-TI-0006	Titanium bar alloy AMS 4928, fob shipping point US, \$/lb	10 Jan 2022	24 - 25	0.00%	Dec 2021	24 - 25
MB-TI-0004	Titanium ingot 6Al-4V, fob shipping point US, \$/lb	10 Jan 2022	8 - 8.5	0.00%	Dec 2021	8 - 8.5
MB-TI-0008	Titanium sheet commercially pure, fob shipping point US, \$/lb	10 Jan 2022	13 - 15	0.00%	Dec 2021	13 - 15
MB-TI-0005	Titanium plate alloy AMS 4911, fob shipping point US, \$/lb	10 Jan 2022	27 - 28	0.00%	Dec 2021	27 - 28

Global location minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CD-0001	Cadmium 99.95% min, cif global ports, cents/lb	19 Jan 2022	125 - 140	0.00%	Dec 2021	125 - 138.8
MB-CD-0002	Cadmium 99.99% min, cif global ports, cents/lb	19 Jan 2022	130 - 145	1.85%	Dec 2021	130 - 140
MB-HF-0001	Hafnium, max 1% Zr, in-whs global locations, \$/kg	14 Jan 2022	900 - 1100	0.00%	Dec 2021	900 - 1083.33

Non-ferrous scrap prices

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

US aluminium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0364	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	72	-11.11%	Dec 2021	70.5
MB-AL-0370	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	50	-5.66%	Dec 2021	50.5
MB-AL-0371	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	60	5.26%	Dec 2021	58.5
MB-AL-0367	Aluminum scrap litho sheets, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	96	1.05%	Dec 2021	91
MB-AL-0372	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	66	0.00%	Dec 2021	63
MB-AL-0037	Aluminum scrap segregated low copper alloy clips 3105, mills specialty consumers' buying price, delivered consumer US, US cents/lb	20 Jan 2022	108 - 110	6.34%	Dec 2021	92 - 94.6
MB-AL-0369	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	65	0.00%	Dec 2021	64
MB-AL-0366	Aluminum scrap industrial castings, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	53	-3.64%	Dec 2021	51.5
MB-AL-0365	Aluminum scrap aluminum borings, turnings, clean & dry, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	25	-7.41%	Dec 2021	27
MB-AL-0031	Aluminum scrap turnings clean dry high grade buying price, delivered to Midwest secondary smelters, US cents/lb	20 Jan 2022	70 - 74	1.41%	Dec 2021	68.4 - 72.4
MB-AL-0032	Aluminum scrap turnings clean dry mixed grade (max 5% Zn) buying price, delivered to Midwest secondary smelters, US cents/lb	20 Jan 2022	60 - 64	3.33%	Dec 2021	58 - 62
MB-AL-0033	Aluminum scrap aluminium-copper radiators buying price, delivered to Midwest secondary smelters, US cents/lb	20 Jan 2022	210 - 220	4.88%	Dec 2021	199 - 209
MB-AL-0030	Aluminum scrap old cast buying price, delivered to Midwest secondary smelters, US cents/lb	20 Jan 2022	72 - 75	2.80%	Dec 2021	68 - 72
MB-AL-0029	Aluminum scrap old sheet buying price, delivered to Midwest secondary smelters, US cents/lb	20 Jan 2022	73 - 76	4.20%	Dec 2021	69 - 72
MB-AL-0027	Aluminum scrap siding buying price, delivered Midwest secondary smelters, US cents/lb	20 Jan 2022	74 - 77	2.72%	Dec 2021	71 - 74
MB-AL-0368	Aluminum scrap mixed clips, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	65	3.17%	Dec 2021	61.5
MB-AL-0028	Aluminum scrap mixed clips buying price, delivered to Midwest secondary smelters, US cents/lb	20 Jan 2022	70 - 73	2.88%	Dec 2021	64.8 - 68.4
MB-AL-0024	Aluminum scrap mixed high copper clips, buying price, delivered Midwest secondary smelters, US cents/lb	20 Jan 2022	75 - 78	1.32%	Dec 2021	70 - 74
MB-AL-0038	Aluminum scrap mixed low copper clips, specialty consumers' buying price, delivered consumer US, US cents/lb	20 Jan 2022	105 - 108	4.93%	Dec 2021	90.4 - 94.2
MB-AL-0023	Aluminum scrap mixed low copper clips, buying price, delivered Midwest secondary smelters, US cents/lb	20 Jan 2022	77 - 81	2.60%	Dec 2021	72.6 - 76.6
MB-AL-0025	Aluminum scrap mixed high zinc clips buying price, delivered Midwest secondary smelters, US cents/lb	20 Jan 2022	67 - 71	2.99%	Dec 2021	64 - 68
MB-AL-0026	Aluminum scrap 1-1-3 sows buying price, delivered Midwest secondary smelters, US cents/lb	20 Jan 2022	75 - 78	0.66%	Dec 2021	73 - 75



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0036	Aluminum scrap segregated low copper alloy clips 5052, mills specialty consumers' buying price, fob shipping point US, US cents/lb	20 Jan 2022	145 - 150	2.79%	Dec 2021	129.4 - 133.6
MB-AL-0039	Aluminum scrap painted siding, specialty consumers' buying price, delivered consumer US, US cents/lb	20 Jan 2022	102 - 105	2.99%	Dec 2021	88 - 91.4
MB-AL-0373	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	57	0.00%	Dec 2021	53.5
MB-AL-0035	Aluminum scrap used beverage cans, domestic aluminum producer buying price, fob shipping point US, US cents/lb	20 Jan 2022	100 - 103	5.18%	Dec 2021	84.2 - 87.2
MB-AL-0034	Aluminum scrap non-ferrous auto shred (90% Al) buying price, delivered to Midwest secondary smelters, US cents/lb	20 Jan 2022	84 - 87	4.27%	Dec 2021	75.6 - 78.8
MB-AL-0375	Zorba 95/3 min, basis delivered US facility, US cents/lb	20 Jan 2022	65 - 68	3.91%	Dec 2021	63.2 - 64.4
MB-AL-0161	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	185	4.52%	Dec 2021	160
MB-AL-0117	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	43	0.00%	Dec 2021	43
MB-AL-0101	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	20	0.00%	Dec 2021	20
MB-AL-0118	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	75	0.00%	Dec 2021	73
MB-AL-0102	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	51	2.00%	Dec 2021	50
MB-AL-0160	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	75	0.00%	Dec 2021	75
MB-AL-0085	Aluminum scrap mixed clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	50	0.00%	Dec 2021	50
MB-AL-0054	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	137	9.60%	Dec 2021	113.5
MB-AL-0149	Aluminum scrap industrial castings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	45	0.00%	Dec 2021	45
MB-AL-0150	Aluminum scrap industrial castings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	75	0.00%	Dec 2021	67
MB-AL-0133	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	15	0.00%	Dec 2021	15
MB-AL-0134	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	113	15.31%	Dec 2021	92
MB-AL-0203	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	47	0.00%	Dec 2021	47
MB-AL-0204	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	113	17.71%	Dec 2021	90
MB-AL-0070	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	116	12.62%	Dec 2021	91.5
MB-AL-0069	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	45	0.00%	Dec 2021	45
MB-AL-0053	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	60	0.00%	Dec 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	18 Jan 2022	185	4.52%	Dec 2021	160
MB-AL-0117	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	43	0.00%	Dec 2021	43
MB-AL-0101	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	20	0.00%	Dec 2021	20
MB-AL-0118	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	75	0.00%	Dec 2021	73
MB-AL-0102	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	51	2.00%	Dec 2021	50
MB-AL-0160	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	75	0.00%	Dec 2021	75
MB-AL-0085	Aluminum scrap mixed clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	50	0.00%	Dec 2021	50
MB-AL-0054	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	137	9.60%	Dec 2021	113.5
MB-AL-0149	Aluminum scrap industrial castings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	45	0.00%	Dec 2021	45
MB-AL-0150	Aluminum scrap industrial castings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	75	0.00%	Dec 2021	67
MB-AL-0133	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	15	0.00%	Dec 2021	15
MB-AL-0134	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	113	15.31%	Dec 2021	92
MB-AL-0203	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	47	0.00%	Dec 2021	47
MB-AL-0204	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	113	17.71%	Dec 2021	90
MB-AL-0070	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	116	12.62%	Dec 2021	91.5
MB-AL-0069	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	45	0.00%	Dec 2021	45
MB-AL-0053	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	60	0.00%	Dec 2021	60

European aluminium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0286	Aluminium scrap group 7 turnings, LME discount, delivered consumer works, UK, £/tonne	19 Jan 2022	988 - 1038	-2.22%	Dec 2021	1043.6 - 1083.6
MB-AL-0015	Aluminium scrap group 7 turnings, delivered consumer UK, £/tonne	19 Jan 2022	750 - 800	3.33%	Dec 2021	720 - 760
MB-AL-0012	Aluminium scrap commercial turnings, delivered consumer UK, £/tonne	19 Jan 2022	870 - 930	1.12%	Dec 2021	854 - 914
MB-AL-0285	Aluminium scrap commercial turnings, LME discount, delivered consumer UK, £/tonne	19 Jan 2022	858 - 918	-0.89%	Dec 2021	889.6 - 949.6
MB-AL-0010	Aluminium scrap commercial cast, delivered consumer UK, £/tonne	19 Jan 2022	1250 - 1300	5.81%	Dec 2021	1168 - 1228
MB-AL-0283	Aluminium scrap commercial cast, LME discount, delivered consumer UK, £/tonne	19 Jan 2022	488 - 538	-11.70%	Dec 2021	575.6 - 635.6
MB-AL-0011	Aluminium scrap commercial pure cuttings, delivered consumer UK, £/tonne	19 Jan 2022	1350 - 1450	11.78%	Dec 2021	1190 - 1230



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0279	Aluminium scrap commercial pure cuttings, LME discount, delivered consumer UK, £/tonne	19 Jan 2022	745 - 845	-13.07%	Dec 2021	792.2 - 832.2
MB-AL-0017	Aluminium scrap LM6/LM25 gravity diecasting ingot, delivered consumer UK, £/tonne	19 Jan 2022	2450 - 2550	1.01%	Dec 2021	2400 - 2480
MB-AL-0284	Aluminium scrap cast wheels, LME discount, delivered consumer UK, £/tonne	19 Jan 2022	28 - 88	-47.75%	Dec 2021	135.6 - 191.6
MB-AL-0007	Aluminium scrap cast wheels, delivered consumer UK, £/tonne	19 Jan 2022	1700 - 1760	3.28%	Dec 2021	1612 - 1668
MB-AL-0008	Aluminium scrap cast, delivered consumer Europe, €/tonne	14 Jan 2022	1550 - 1600	1.29%	Dec 2021	1530 - 1580
MB-AL-0278	Aluminium scrap group 1 pure 99% & litho, LME discount, delivered consumer UK, £/tonne	19 Jan 2022	195 - 245	-0.90%	Dec 2021	124.2 - 174.2
MB-AL-0014	Aluminium scrap group 1 pure 99% & litho, delivered consumer UK, £/tonne	19 Jan 2022	1950 - 2000	1.54%	Dec 2021	1848 - 1898
MB-AL-0281	Aluminium scrap loose old rolled cuttings, LME discount, delivered consumer UK, £/tonne	19 Jan 2022	758 - 808	-2.25%	Dec 2021	815.6 - 853.6
MB-AL-0018	Aluminium scrap loose old rolled cuttings, delivered consumer UK, £/tonne	19 Jan 2022	980 - 1030	2.03%	Dec 2021	950 - 988
MB-AL-0282	Aluminium scrap baled old rolled, LME discount, delivered consumer UK, £/tonne	19 Jan 2022	668 - 718	-2.53%	Dec 2021	739.6 - 779.6
MB-AL-0006	Aluminium scrap baled old rolled, delivered consumer UK, £/tonne	19 Jan 2022	1070 - 1120	1.86%	Dec 2021	1024 - 1064
MB-AL-0280	Aluminium scrap clean HE9 extrusions, LME discount, delivered consumer UK, £/tonne	19 Jan 2022	195 - 245	-0.90%	Dec 2021	122.2 - 172.2
MB-AL-0013	Aluminium scrap floated frag, delivered consumer Europe, €/tonne	14 Jan 2022	1620 - 1670	2.81%	Dec 2021	1550 - 1620
MB-AL-0019	Aluminium scrap mixed turnings, delivered consumer Europe, €/tonne	14 Jan 2022	1370 - 1420	2.95%	Dec 2021	1320 - 1380
MB-AL-0009	Aluminium scrap clean HE9 extrusions, delivered consumer UK, £/tonne	19 Jan 2022	1950 - 2000	1.54%	Dec 2021	1850 - 1900
MB-AL-0016	Aluminium scrap LM24 pressure diecasting ingot, delivered consumer UK, £/tonne	19 Jan 2022	1990 - 2040	0.00%	Dec 2021	1980 - 2038

Secondary aluminium alloy prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0005	Aluminium pressure diecasting ingot DIN226/A380, delivered Europe, €/tonne	14 Jan 2022	2360 - 2420	2.36%	Dec 2021	2288 - 2350
MB-AL-0040	Aluminum alloy A380.1, delivered Midwest, US cents/lb	20 Jan 2022	143 - 147	0.00%	Dec 2021	140 - 144.2
MB-AL-0233	Aluminum alloy A380.1, delivered Midwest, \$/lb	20 Jan 2022	1.43 - 1.47	0.00%	Dec 2021	
MB-AL-0041	Aluminum alloy 319.1, delivered Midwest, cents/lb	20 Jan 2022	149 - 153	0.00%	Dec 2021	146.2 - 150.2
MB-AL-0042	Aluminum alloy 356.1, delivered Midwest, cents/lb	20 Jan 2022	176 - 180	0.00%	Dec 2021	170 - 175
MB-AL-0043	Aluminum alloy A360.1, delivered Midwest, cents/lb	20 Jan 2022	177 - 181	0.00%	Dec 2021	174.2 - 178.8
MB-AL-0044	Aluminum alloy A413.1, delivered Midwest, cents/lb	20 Jan 2022	182 - 187	0.00%	Dec 2021	178.6 - 181.2
MB-AL-0292	Aluminium ingot ADC 12 spot (MJP), cfr Japan, \$/tonne	19 Jan 2022	2550 - 2650	2.97%	Dec 2021	2460 - 2540
MB-AL-0350	Aluminium ingot ADC 12, exw dp China, yuan/tonne	19 Jan 2022	20500 - 20800	-0.72%	Dec 2021	19780 - 20260

Copper scrap No1 & No2 prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0417	Copper scrap No1 heavy copper & wire, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	365	1.39%	Dec 2021	360



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0295	Copper scrap No1 copper, discount, buying price, delivered to brass ingot makers, US cents/lb	19 Jan 2022	(25) - (21)		Dec 2021	(25.4) - (21.8)
MB-CU-0292	Copper scrap No1 copper, discount, buying price, delivered to refiners, US cents/lb	19 Jan 2022	(20) - (18)		Dec 2021	(20) - (16)
MB-CU-0291	Copper scrap No1 copper, discount, buying price, delivered to brass mill US, US cents/lb	19 Jan 2022	(12) - (9)		Dec 2021	(13.8) - (10.8)
MB-CU-0294	Copper scrap No1 bare bright, discount, buying price, delivered to brass ingot makers, US cents/lb	19 Jan 2022	(10) - (7)		Dec 2021	(13) - (10.2)
MB-CU-0305	Copper scrap No1 bare bright, buying price, delivered to brass ingot makers, US cents/lb	20 Jan 2022	448 - 451	2.51%	Dec 2021	419.9 - 422.67
MB-CU-0306	Copper scrap No1 copper, buying price, delivered to brass ingot makers, US cents/lb	20 Jan 2022	433 - 437	2.59%	Dec 2021	407.24 - 410.95
MB-CU-0302	Copper scrap No1 copper, buying price, delivered to brass mill US, US cents/lb	20 Jan 2022	447.5	2.52%	Dec 2021	420.45
MB-CU-0298	Copper scrap No1 comp solids, buying price, delivered to brass ingot makers, US cents/lb	19 Jan 2022	335 - 339	0.00%	Dec 2021	331 - 334.4
MB-CU-0303	Copper scrap No1 copper, buying price, delivered to refiners, US cents/lb	20 Jan 2022	439	2.57%	Dec 2021	415.1
MB-CU-0010	Copper scrap No1 heavy copper & wire, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	483	0.00%	Dec 2021	470.5
MB-CU-0009	Copper scrap No1 heavy copper & wire, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	335	1.52%	Dec 2021	330
MB-CU-0512	No1 copper material, RCu-2A,1B (candy/berry), cif China, LME/Comex discount, US cents per lb	27 Dec 2021	9 - 13	0.00%	Dec 2021	9 - 13
MB-CU-0360	No2 copper material, RCu-2B (birch/cliff), cif China, LME/Comex discount, US cents per lb	27 Dec 2021	24 - 28	0.00%	Dec 2021	24 - 28
MB-CU-0025	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	298	1.71%	Dec 2021	293
MB-CU-0418	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	338	0.90%	Dec 2021	335
MB-CU-0304	Copper scrap No2 copper, buying price, delivered to refiners, US cents/lb	20 Jan 2022	406.5	2.78%	Dec 2021	380.45
MB-CU-0307	Copper scrap No2 copper, buying price, delivered to brass ingot makers, US cents/lb	20 Jan 2022	406 - 410	2.77%	Dec 2021	377.67 - 380.24
MB-CU-0293	Copper scrap No2 copper, discount, buying price, delivered to refiners, US cents/lb	19 Jan 2022	(53) - (50)		Dec 2021	(53.8) - (50.8)
MB-CU-0296	Copper scrap No2 copper, discount, buying price, delivered to brass ingot makers, US cents/lb	19 Jan 2022	(52) - (48)		Dec 2021	(55.2) - (52.4)
MB-CU-0026	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	446	-1.98%	Dec 2021	446

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

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0421	Copper scrap yellow brass solids, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	215	-1.38%	Dec 2021	211.5
MB-CU-0301	Copper scrap yellow brass solids, buying price, delivered to brass ingot makers, US cents/lb	19 Jan 2022	275 - 280	0.00%	Dec 2021	269 - 277
MB-CU-0416	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	195	-3.94%	Dec 2021	193.5
MB-CU-0414	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	188	-1.05%	Dec 2021	180



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0300	Copper scrap radiators, buying price, delivered to brass ingot makers, US cents/lb	19 Jan 2022	258 - 263	0.39%	Dec 2021	254.4 - 257.4
MB-CU-0413	Copper scrap 70-30 brass clips, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	255	2.00%	Dec 2021	251.5
MB-CU-0415	Copper scrap light copper, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	308	2.67%	Dec 2021	300
MB-CU-0297	Copper scrap light copper, discount, buying price, delivered to brass ingot makers, US cents/lb	19 Jan 2022	(57) - (55)		Dec 2021	(60.4) - (56.8)
MB-CU-0308	Copper scrap light copper, buying price, delivered to brass ingot makers, US cents/lb	20 Jan 2022	401 - 403	2.81%	Dec 2021	372.24 - 375.95
MB-CU-0299	Copper scrap comp borings, turnings, buying price, delivered to brass ingot makers, US cents/lb	19 Jan 2022	320 - 323	0.00%	Dec 2021	317 - 321.2
MB-CU-0419	Copper scrap red brass solids, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	265	-0.75%	Dec 2021	260
MB-CU-0420	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	235	0.00%	Dec 2021	230

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

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0119	Copper scrap yellow brass solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	175	0.00%	Dec 2021	175
MB-CU-0120	Copper scrap yellow brass solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	322	0.00%	Dec 2021	320
MB-CU-0135	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	100	0.00%	Dec 2021	100
MB-CU-0136	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	284	0.00%	Dec 2021	284
MB-CU-0196	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	150	0.00%	Dec 2021	150
MB-CU-0197	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	293	0.69%	Dec 2021	290
MB-CU-0181	Copper scrap 70-30 brass clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	180	0.00%	Dec 2021	180
MB-CU-0042	Copper scrap light copper, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	436	-9.54%	Dec 2021	470
MB-CU-0041	Copper scrap light copper, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	275	3.77%	Dec 2021	265
MB-CU-0058	Copper scrap red brass solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	395	-0.50%	Dec 2021	394
MB-CU-0073	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	110	0.00%	Dec 2021	110
MB-CU-0074	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	387	-1.28%	Dec 2021	387
MB-CU-0057	Copper scrap red brass solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	200	0.00%	Dec 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	12 Jan 2022	490 - 529	1.39%	Dec 2021	483 - 523.33
MB-NI-0198	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	12 Jan 2022	120 - 136	-1.54%	Dec 2021	126.67 - 131.67
MB-NI-0152	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	205 - 210	1.22%	Dec 2021	200 - 210
MB-NI-0197	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Chicago, US cents/lb	12 Jan 2022	615 - 650	4.98%	Dec 2021	581.67 - 633.33
MB-NI-0154	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	330 - 365	2.21%	Dec 2021	320 - 360
MB-NI-0151	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	130 - 135	-0.38%	Dec 2021	131 - 135
MB-NI-0200	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	12 Jan 2022	300 - 313	3.03%	Dec 2021	292 - 305.67
MB-NI-0199	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	12 Jan 2022	190 - 202	1.82%	Dec 2021	188.33 - 196.67
MB-NI-0150	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	87 - 93	-0.55%	Dec 2021	90 - 91
MB-NI-0149	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	400 - 410	-2.41%	Dec 2021	390 - 440
MB-NI-0155	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	30 - 34	-5.88%	Dec 2021	29 - 39
MB-NI-0201	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	12 Jan 2022	295 - 310	3.42%	Dec 2021	286.67 - 305.67
MB-NI-0153	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	180 - 210	-4.88%	Dec 2021	200 - 210
MB-NI-0193	Nickel scrap nickel turnings, broker buying price, delivered to yard Chicago, US cents/lb	12 Jan 2022	780 - 855	5.83%	Dec 2021	745 - 818.33
MB-NI-0145	Nickel scrap nickel turnings, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	525 - 580	4.25%	Dec 2021	490 - 570
MB-NI-0192	Nickel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	12 Jan 2022	820 - 900	6.17%	Dec 2021	793.33 - 855
MB-NI-0144	Nickel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	560 - 600	1.75%	Dec 2021	545 - 595
MB-NI-0196	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	12 Jan 2022	410 - 533	0.75%	Dec 2021	453.67 - 522.33
MB-NI-0148	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	330 - 360	0.73%	Dec 2021	325 - 360
MB-NI-0194	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	12 Jan 2022	490 - 593	0.65%	Dec 2021	508.33 - 561
MB-NI-0146	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	360 - 370	2.10%	Dec 2021	345 - 370
MB-NI-0195	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Chicago, US cents/lb	12 Jan 2022	350 - 483	2.08%	Dec 2021	336.67 - 446
MB-NI-0147	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	250 - 260	2.00%	Dec 2021	220 - 280
MB-NI-0203	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	12 Jan 2022	47 - 52	4.21%	Dec 2021	42 - 50.67

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	12 Jan 2022	300 - 305	1.68%	Dec 2021	293.67 - 305.67
MB-NI-0162	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	80 - 95	-3.31%	Dec 2021	90 - 91
MB-NI-0167	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	30 - 36	10.00%	Dec 2021	29 - 31
MB-NI-0214	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	12 Jan 2022	490 - 525	1.00%	Dec 2021	491.33 - 523.33
MB-NI-0211	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	12 Jan 2022	190 - 202	1.82%	Dec 2021	193 - 196.67
MB-NI-0164	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	180 - 215	-3.66%	Dec 2021	200 - 210
MB-NI-0161	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	368 - 450	-1.45%	Dec 2021	390 - 440
MB-NI-0210	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	12 Jan 2022	120 - 136	-1.16%	Dec 2021	129.33 - 131.67
MB-NI-0209	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Detroit, US cents/lb	12 Jan 2022	615 - 650	4.98%	Dec 2021	591.33 - 633.33
MB-NI-0166	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	290 - 365	-4.38%	Dec 2021	325 - 360
MB-NI-0163	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	115 - 140	-4.85%	Dec 2021	133 - 135
MB-NI-0213	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	12 Jan 2022	295 - 315	4.27%	Dec 2021	291.33 - 305
MB-NI-0165	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	173 - 215	-5.37%	Dec 2021	200 - 210
MB-NI-0205	Nickel scrap nickel turnings, broker buying price, delivered to yard Detroit, US cents/lb	12 Jan 2022	780 - 850	5.50%	Dec 2021	761.33 - 818.33
MB-NI-0157	Nickel scrap nickel turnings, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	420 - 580	-7.83%	Dec 2021	515 - 570
MB-NI-0204	Nickel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	12 Jan 2022	820 - 880	5.92%	Dec 2021	793 - 836.67
MB-NI-0156	Nickel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	438 - 600	-7.73%	Dec 2021	545 - 580
MB-NI-0208	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	12 Jan 2022	410 - 530	1.08%	Dec 2021	458 - 520
MB-NI-0160	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	265 - 360	-8.76%	Dec 2021	325 - 360
MB-NI-0206	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	12 Jan 2022	490 - 550	0.00%	Dec 2021	508 - 533.33
MB-NI-0158	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	300 - 370	-6.29%	Dec 2021	345 - 370
MB-NI-0207	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Detroit, US cents/lb	12 Jan 2022	350 - 375	3.72%	Dec 2021	336 - 351.67
MB-NI-0159	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	246 - 280	10.74%	Dec 2021	220 - 255
MB-NI-0215	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	12 Jan 2022	48 - 50	6.52%	Dec 2021	43 - 46

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	12 Jan 2022	113 - 125	1.28%	Dec 2021	112.67 - 123.33
MB-NI-0178	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	365 - 400	-1.80%	Dec 2021	389 - 390
MB-NI-0175	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	135 - 152	12.55%	Dec 2021	100 - 155
MB-NI-0227	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	12 Jan 2022	59 - 60	20.20%	Dec 2021	49.33 - 54.67
MB-NI-0174	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	85 - 100	15.63%	Dec 2021	75 - 85
MB-NI-0224	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	12 Jan 2022	281 - 295	-5.42%	Dec 2021	291.67 - 298.33
MB-NI-0221	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Houston, US cents/lb	12 Jan 2022	560 - 561	-11.66%	Dec 2021	612.33 - 613.33
MB-NI-0179	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	25 - 35	1.69%	Dec 2021	29 - 30
MB-NI-0226	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Houston, US cents/lb	12 Jan 2022	471 - 490	-8.39%	Dec 2021	488 - 503.33
MB-NI-0223	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	12 Jan 2022	178 - 190	0.27%	Dec 2021	176 - 186.33
MB-NI-0176	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	210 - 236	11.50%	Dec 2021	150 - 250
MB-NI-0173	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	450 - 500	11.76%	Dec 2021	400 - 450
MB-NI-0225	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Houston, US cents/lb	12 Jan 2022	281 - 310	0.34%	Dec 2021	287.33 - 297.33
MB-NI-0177	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	210 - 248	-0.43%	Dec 2021	220 - 240
MB-NI-0217	Nickel scrap nickel turnings, broker buying price, delivered to yard Houston, US cents/lb	12 Jan 2022	639 - 660	-10.35%	Dec 2021	676.33 - 741.67
MB-NI-0169	Nickel scrap nickel turnings, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	500 - 540	12.43%	Dec 2021	425 - 500
MB-NI-0216	Nickel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	12 Jan 2022	743 - 775	-8.50%	Dec 2021	784.67 - 816.67
MB-NI-0168	Nickel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	585 - 675	26.00%	Dec 2021	400 - 600
MB-NI-0220	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Houston, US cents/lb	12 Jan 2022	515 - 590	-3.83%	Dec 2021	528 - 573.33
MB-NI-0172	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	400 - 412	16.17%	Dec 2021	349 - 350
MB-NI-0218	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Houston, US cents/lb	12 Jan 2022	560 - 605	-0.34%	Dec 2021	566.33 - 586.67
MB-NI-0170	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	410 - 448	14.55%	Dec 2021	374 - 375
MB-NI-0219	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Houston, US cents/lb	12 Jan 2022	340 - 445	4.81%	Dec 2021	353 - 416.67
MB-NI-0171	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	260 - 356	7.13%	Dec 2021	250 - 325



Pittsburgh nickel scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0238	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	12 Jan 2022	470 - 525	-0.50%	Dec 2021	458.33 - 538.33
MB-NI-0235	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	12 Jan 2022	175 - 202	1.89%	Dec 2021	175 - 196.67
MB-NI-0188	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	200 - 210	6.49%	Dec 2021	175 - 210
MB-NI-0185	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	370 - 475	0.00%	Dec 2021	370 - 475
MB-NI-0191	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	22 - 40	10.71%	Dec 2021	21 - 35
MB-NI-0187	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	125 - 135	23.81%	Dec 2021	75 - 135
MB-NI-0234	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	12 Jan 2022	120 - 140	-1.89%	Dec 2021	125.67 - 135.33
MB-NI-0239	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	12 Jan 2022	45 - 55	5.26%	Dec 2021	40.67 - 54
MB-NI-0236	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	12 Jan 2022	280 - 310	0.85%	Dec 2021	278.33 - 305.67
MB-NI-0233	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	12 Jan 2022	600 - 650	3.73%	Dec 2021	570 - 639.33
MB-NI-0190	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	330 - 400	2.10%	Dec 2021	325 - 390
MB-NI-0186	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	86 - 100	19.23%	Dec 2021	65 - 91
MB-NI-0237	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	12 Jan 2022	280 - 310	0.00%	Dec 2021	278.33 - 310
MB-NI-0189	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	171 - 210	-1.04%	Dec 2021	175 - 210
MB-NI-0229	Nickel scrap nickel turnings, broker buying price, delivered to yard Pittsburgh, US cents/lb	12 Jan 2022	775 - 850	4.84%	Dec 2021	740.33 - 820
MB-NI-0181	Nickel scrap nickel turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	525 - 625	5.50%	Dec 2021	515 - 575
MB-NI-0228	Nickel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	12 Jan 2022	820 - 880	5.26%	Dec 2021	788.33 - 840
MB-NI-0180	Nickel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	560 - 650	3.42%	Dec 2021	545 - 625
MB-NI-0232	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	12 Jan 2022	410 - 530	-1.05%	Dec 2021	435 - 520
MB-NI-0184	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	280 - 360	-0.78%	Dec 2021	270 - 375
MB-NI-0230	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	12 Jan 2022	450 - 590	3.48%	Dec 2021	446.67 - 553.33
MB-NI-0182	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	340 - 390	2.10%	Dec 2021	315 - 400
MB-NI-0231	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Pittsburgh, US cents/lb	12 Jan 2022	300 - 375	-9.40%	Dec 2021	298.33 - 376.67
MB-NI-0183	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	220 - 301	4.20%	Dec 2021	220 - 280



Lead scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0004	Lead scrap buying price, delivered smelters US, \$/cwt	11 Jan 2022	81 - 85	0.61%	Dec 2021	80 - 85
MB-PB-0003	Lead scrap remelt buying price, delivered smelters US, \$/cwt	11 Jan 2022	87 - 90	0.00%	Dec 2021	87 - 90
MB-PB-0002	Lead scrap cable buying price, delivered smelters US, \$/cwt	11 Jan 2022	86 - 90	0.00%	Dec 2021	86 - 90
MB-PB-0111	Lead scrap heavy soft lead, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	45	18.42%	Dec 2021	38
MB-PB-0112	Lead scrap undrained whole batteries, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	15	0.00%	Dec 2021	15.5
MB-PB-0005	Lead scrap whole batteries buying price, delivered smelters US, \$/cwt	11 Jan 2022	26 - 30	3.70%	Dec 2021	26 - 28
MB-PB-0009	Lead scrap heavy soft lead, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	50	0.00%	Dec 2021	50
MB-PB-0010	Lead scrap heavy soft lead, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	68	0.00%	Dec 2021	64
MB-PB-0033	Lead scrap undrained whole batteries, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	15	0.00%	Dec 2021	16.5

Zinc scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0122	Zinc scrap old zinc scrap, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	38	8.57%	Dec 2021	27.5
MB-ZN-0004	Zinc scrap old zinc (clean), buying price, delivered smelters US, US cents/lb	11 Jan 2022	69 - 72	4.44%	Dec 2021	66 - 69
MB-ZN-0003	Zinc scrap new zinc clippings buying price, delivered smelters US, US cents/lb	11 Jan 2022	88 - 91	3.47%	Dec 2021	85 - 88
MB-ZN-0002	Zinc scrap galvanizers dross buying price, delivered smelters US, US cents/lb	11 Jan 2022	87 - 92	4.07%	Dec 2021	84 - 88
MB-ZN-0050	Zinc scrap old zinc, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	30	0.00%	Dec 2021	30

Titanium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-TI-0002	Titanium scrap turnings, unprocessed type 90/6/4, 0.5-2% Sn max, cif Europe, \$/lb	19 Jan 2022	1.8 - 1.9	0.00%	Dec 2021	1.8 - 1.9
MB-TI-0001	Titanium scrap turnings, unprocessed type 90/6/4, 0.5% Sn max, cif Europe, \$/lb	19 Jan 2022	1.8 - 2	0.00%	Dec 2021	1.8 - 2

Ores and alloys prices

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

Chrome ore and ferro-chrome prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CHO-0002	Chrome ore Turkish lumpy 40-42%, cfr main Chinese ports, \$/tonne	18 Jan 2022	300 - 310	0.00%	Dec 2021	290 - 308.75
MB-CHO-0003	Chrome ore South Africa UG2/MG concentrates index, cif China, \$/tonne	18 Jan 2022	174	1.75%	Dec 2021	170.75
MB-FEC-0001	Ferro-chrome low phosphorous, min 65% Cr, max 0.015% P, delivered Europe, \$/lb	18 Jan 2022	1.78 - 2.03	1.60%	Dec 2021	1.77 - 1.99
MB-FEC-0002	Ferro-chrome low carbon, 65% Cr, max 0.06% C, delivered Europe, \$/lb Cr	18 Jan 2022	3.74 - 4.37	1.25%	Dec 2021	3.67 - 4.31
MB-FEC-0003	Ferro-chrome 0.10% C, average 65-70% Cr, delivered Europe, \$/lb Cr	18 Jan 2022	3.7 - 4.33	1.26%	Dec 2021	3.63 - 4.27
MB-FEC-0004	Ferro-chrome high carbon 6-8.5% C, basis 60-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	28 Dec 2021	1.72 - 1.92	0.00%	Dec 2021	1.72 - 1.92
MB-FEC-0005	Ferro-chrome contract 6-8% C, basis 50% Cr, ddp China, yuan/tonne	18 Jan 2022	8195 - 9600	0.00%	Dec 2021	9098.75 - 9600
MB-FEC-0006	Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	18 Jan 2022	8300 - 8700	1.80%	Dec 2021	8725 - 9000
MB-FEC-0007	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, US cents/lb	20 Jan 2022	210 - 225	0.00%	Dec 2021	202 - 222
MB-FEC-0008	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, US cents/lb	20 Jan 2022	380 - 385	0.00%	Dec 2021	380 - 385
MB-FEC-0009	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, US cents/lb	20 Jan 2022	365 - 375	0.00%	Dec 2021	365 - 375
MB-FEC-0010	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, US cents/lb	20 Jan 2022	355 - 360	0.00%	Dec 2021	355 - 360
MB-FEC-0011	Ferro-chrome 50% Cr import, cif main Chinese ports, \$/lb contained Cr	18 Jan 2022	1.07	0.00%	Dec 2021	1.16
MB-FEC-0012	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, \$/lb	20 Jan 2022	2.1 - 2.25	0.00%	Dec 2021	
MB-FEC-0013	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, \$/lb	20 Jan 2022	3.8 - 3.85	0.00%	Dec 2021	
MB-FEC-0014	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, \$/lb	20 Jan 2022	3.65 - 3.75	0.00%	Dec 2021	
MB-FEC-0015	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, \$/lb	20 Jan 2022	3.55 - 3.6	0.00%	Dec 2021	
MB-FEC-0016	Ferro-chrome lumpy Cr charge quarterly, basis 52% Cr (and high carbon), delivered Europe, \$/lb Cr (rounded to the closest 2 decimal places)	01 Jan 2022	1.8	0.00%	Dec 2021	1.8
MB-FEC-0017	Ferro-chrome high carbon 57-65% Cr, cif dup Japan, \$/lb	13 Jan 2022	1.06 - 1.08	0.00%	Dec 2021	1.17 - 1.19
MB-FEC-0018	Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, \$/lb	13 Jan 2022	1.05 - 1.07	0.00%	Dec 2021	1.15 - 1.17
MB-FEC-0019	Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, \$/lb	18 Jan 2022	1.72	0.00%	Dec 2021	1.81
MB-FEC-0020	Ferro-chrome high carbon 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, \$/lb Cr	18 Jan 2022	1.25 - 1.5	-0.72%	Dec 2021	1.42 - 1.5
MB-FEC-0021	Ferro-chrome high carbon 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	18 Jan 2022	1.71 - 1.98	0.54%	Dec 2021	1.72 - 1.92

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	20 Jan 2022	2600 - 2650	0.00%	Dec 2021	2600 - 2650
MB-FEM-0002	Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	20 Jan 2022	315 - 320	0.00%	Dec 2021	315 - 320
MB-FEM-0003	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, US cents/lb	20 Jan 2022	255 - 260	0.00%	Dec 2021	249 - 254
MB-FEM-0004	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, \$/lb	20 Jan 2022	2.55 - 2.6	0.00%	Dec 2021	
MB-FEM-0006	Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	14 Jan 2022	1500 - 1550	0.00%	Dec 2021	1670 - 1770
MB-FEM-0007	Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	14 Jan 2022	7400 - 7600	2.04%	Dec 2021	6920 - 7060
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, \$/dmtu	14 Jan 2022	5.44	-0.37%	Dec 2021	5.52
MB-MNO-0002	Manganese ore 37% Mn, fob Port Elizabeth, \$/dmtu	14 Jan 2022	3.38	4.64%	Dec 2021	3.21
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, \$/dmtu	14 Jan 2022	4.51	0.00%	Dec 2021	4.54
MB-MNO-0004	Manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin China, yuan/dmtu	14 Jan 2022	34.3	1.18%	Dec 2021	33.94
MB-MNO-0005	Manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin China, yuan/dmtu	14 Jan 2022	43.2	2.61%	Dec 2021	42.24
MB-SIM-0001	Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	14 Jan 2022	7900 - 8200	1.90%	Dec 2021	7680 - 7900
MB-SIM-0002	Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	14 Jan 2022	1550 - 1600	0.00%	Dec 2021	1620 - 1720
MB-SIM-0003	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, US cents/lb	20 Jan 2022	120 - 125	0.00%	Dec 2021	120 - 125
MB-SIM-0005	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, \$/lb	20 Jan 2022	1.2 - 1.25	0.00%	Dec 2021	
MB-SIM-0004	Silico-manganese 65% Mn min, min 16% Si, fob India, \$/tonne	14 Jan 2022	1450 - 1520	0.68%	Dec 2021	1445 - 1495

Ferro-silicon prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FES-0001	Ferro-silicon 75% Si min, in-whs China, yuan/tonne	19 Jan 2022	9500 - 9600	1.60%	Dec 2021	9360 - 9600
MB-FES-0002	Ferro-silicon 75% Si, in-whs Pittsburgh, US cents/lb	20 Jan 2022	330 - 340	0.00%	Dec 2021	330 - 340
MB-FES-0003	Ferro-silicon 75% Si, in-whs Pittsburgh, \$/lb	20 Jan 2022	3.3 - 3.4	0.00%	Dec 2021	
MB-FES-0004	Ferro-silicon 75% Si min export, fob China, \$/tonne	19 Jan 2022	2000 - 2100	1.23%	Dec 2021	2070 - 2170
MB-FES-0005	Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	14 Jan 2022	2800 - 3300	0.00%	Dec 2021	3060 - 3460
MB-FES-0006	Ferro-silicon 75% Si min, cif Japan, \$/tonne	19 Jan 2022	2050 - 2150	1.20%	Dec 2021	2104 - 2208

Tungsten prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEU-0001	Ferro-tungsten basis 75% W, in-whs dup Rotterdam, \$/kg W	19 Jan 2022	40 - 41.5	0.99%	Dec 2021	36.75 - 38.5
MB-FEU-0003	Ferro-tungsten export, min 75% fob China, \$/kg W	19 Jan 2022	39.5 - 41.5	2.14%	Dec 2021	38.1 - 40.1
MB-W-0001	Tungsten APT 88.5% WO3 min cif Rotterdam and Baltimore duty-free, \$/mtu WO3	14 Jan 2022	326 - 330	0.77%	Dec 2021	320 - 325
MB-W-0002	Tungsten concentrate 65% WO3, in-whs China, yuan/tonne	19 Jan 2022	115000 - 117000	0.65%	Dec 2021	108500 - 109800
MB-W-0003	Tungsten APT 88.5% WO3 min, fob main ports China, \$/mtu WO3	19 Jan 2022	325 - 330	1.55%	Dec 2021	313.8 - 319.4



Vanadium & niobium prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEV-0003	Ferro-vanadium 78% V min, fob China, \$/kg V	20 Jan 2022	37.89 - 38.44	-0.21%	Dec 2021	37.78 - 38.52
MB-FEV-0001	Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, \$/kg V	19 Jan 2022	36.5 - 38.5	5.63%	Dec 2021	32.28 - 33
MB-FEV-0002	Ferro-vanadium 70-80% V, in-whs Pittsburgh, \$/lb	20 Jan 2022	17.2 - 17.5	6.77%	Dec 2021	14.9 - 15.25
MB-V-0001	Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5	14 Jan 2022	8.5 - 9	0.00%	Dec 2021	8.5 - 9
MB-V-0002	Vanadium pentoxide 98% V2O5 min, fob China, \$/lb V2O5	20 Jan 2022	8.71 - 8.86	1.15%	Dec 2021	8.76 - 8.91
MB-V-0004	Vanadium pentoxide 98% V2O5 min, exw China, yuan/tonne	20 Jan 2022	122000 - 124000	0.82%	Dec 2021	122900 - 125000
MB-V-0003	Vanadium nitrogen, basis 77%V, 16% N, exw China, yuan/tonne	20 Jan 2022	185000 - 188000	-0.53%	Dec 2021	185200 - 188800
MB-FN-0001	Ferro-niobium 63-67% delivered consumer works, dp, Europe \$ per kg Nb	19 Jan 2022	44.8 - 45.5	0.00%	Dec 2021	44.32 - 45.7

Ferro-nickel & ferro-titanium prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEN-0003	Ferro-nickel premium/discount, 26-32% Ni contained, cif China, \$/tonne	29 Dec 2021	(700) - (300)		Dec 2021	(700) - (300)
MB-FET-0001	Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, \$/kg Ti	19 Jan 2022	7.7 - 8	0.00%	Dec 2021	7.7 - 8.04
MB-FET-0002	Ferro-titanium 68-72% Ti, ex-whs US, \$/lb	20 Jan 2022	3.6 - 3.85	0.00%	Dec 2021	3.6 - 3.85

Molybdenum prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEO-0001	Ferro-molybdenum 65% Mo min, in-whs Rotterdam, \$/kg Mo	19 Jan 2022	44.7 - 45.3	-0.33%	Dec 2021	43.31 - 44.46
MB-FEO-0002	Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, \$/lb	20 Jan 2022	20.5 - 21	0.00%	Dec 2021	20.4 - 21.1
MB-FEO-0003	Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, \$/lb Mo	19 Jan 2022	19.1 - 19.25	0.00%	Dec 2021	18.84 - 19.05
MB-FEO-0004	Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, \$/lb	19 Jan 2022	19 - 19.1	0.37%	Dec 2021	18.3 - 18.6
MB-MO-0001	Molybdenum canned molybdic oxide, in-whs Pittsburgh, \$/lb	20 Jan 2022	19 - 19.5	0.00%	Dec 2021	18.81 - 19.5

Steel prices

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

Hot-rolled steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0028	Steel hot-rolled coil index domestic, exw Northern Europe, €/tonne	20 Jan 2022	943	-0.41%	Dec 2021	916.4
MB-STE-0046	Steel hot-rolled coil import, cfr main port Northern Europe, €/tonne	19 Jan 2022	800 - 850	1.85%	Dec 2021	832 - 856
MB-STE-0047	Steel hot-rolled coil import, cfr main port Southern Europe, €/tonne	19 Jan 2022	770 - 790	-0.32%	Dec 2021	796 - 814
MB-STE-0532	Steel hot-rolled coil domestic, exw Central Europe, €/tonne	19 Jan 2022	900 - 910	6.47%	Dec 2021	804 - 830
MB-STE-0892	Steel hot-rolled coil index domestic, exw Italy, €/tonne	20 Jan 2022	836.25	0.55%	Dec 2021	840.09
MB-STE-0893	Steel hot-rolled coil domestic, exw Spain, €/tonne	19 Jan 2022	920 - 940	0.54%	Dec 2021	894 - 924
MB-STE-0107	Steel hot-rolled coil export, fob main port Turkey, \$/tonne	14 Jan 2022	815 - 830	-2.08%	Dec 2021	838 - 852
MB-STE-0105	Steel hot-rolled coil import, cfr main port Turkey, \$/tonne	14 Jan 2022	785 - 790	0.32%	Dec 2021	801 - 820
MB-STE-0108	Steel hot-rolled coil domestic, exw Turkey, \$/tonne	14 Jan 2022	815 - 830	-2.08%	Dec 2021	828 - 844
MB-STE-0014	Steel hot-rolled coil export, fob Black Sea, CIS, \$/tonne	17 Jan 2022	750 - 770	-0.65%	Dec 2021	773.75 - 795
MB-STE-0065	Steel hot-rolled sheet domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	17 Jan 2022	76000 - 78000	1.32%	Dec 2021	75000 - 76250
MB-STE-0468	Steel hot-rolled coil index, fob mill US, \$/short ton	20 Jan 2022	1449	0.77%	Dec 2021	
MB-STE-0184	Steel hot-rolled coil index, fob mill US, \$/cwt	20 Jan 2022	72.45	0.77%	Dec 2021	82.16
MB-STE-0180	Steel hot-rolled coil, import, ddp Houston, \$/short ton	19 Jan 2022	1140 - 1220	-6.35%	Dec 2021	1260 - 1340
MB-STE-0007	Steel hot-rolled coil domestic monthly, exw Brazil, reais/tonne	14 Jan 2022	5950 - 6040	0.00%	Dec 2021	5950 - 6040
MB-STE-0133	Steel hot-rolled coil (dry) export, fob main port Latin America, \$/tonne	14 Jan 2022	710 - 790	-2.91%	Dec 2021	774 - 824
MB-STE-0102	Steel hot-rolled coil import, cfr main ports South America, \$/tonne	14 Jan 2022	830 - 880	-1.16%	Dec 2021	864 - 910
MB-STE-0444	Steel hot-rolled coil import, cfr main port India, \$/tonne	14 Jan 2022	780 - 790	2.28%	Dec 2021	798 - 803
MB-STE-0445	Steel hot-rolled coil (CR grade) import, cfr main port India, \$/tonne	14 Jan 2022	785 - 790	1.61%	Dec 2021	803 - 810
MB-STE-0442	Steel hot-rolled coil (commodity) export, fob main port India, \$/tonne	14 Jan 2022	720 - 735	0.69%	Dec 2021	750 - 779
MB-STE-0436	Steel hot-rolled coil domestic, ex-whse India, rupees/tonne	14 Jan 2022	64000 - 65000	0.00%	Dec 2021	65800 - 66550
MB-STE-0158	Steel hot-rolled coil domestic, exw Northern China, yuan/tonne	14 Jan 2022	4720 - 4750	0.85%	Dec 2021	4716 - 4742
MB-STE-0144	Steel hot-rolled coil index export, fob main port China, \$/tonne	20 Jan 2022	759.87	0.00%	Dec 2021	772.92
MB-STE-0154	Steel hot-rolled coil domestic, ex-whs Eastern China, yuan/tonne	20 Jan 2022	4940 - 4960	0.00%	Dec 2021	4853.48 - 4889.57
MB-STE-0139	Steel hot-rolled coil import, cfr Vietnam, \$/tonne	14 Jan 2022	750 - 760	0.00%	Dec 2021	780 - 785
MB-STE-0888	Steel hot-rolled coil (Japan, Korea, Taiwan-origin), import, cfr Vietnam, \$/tonne	14 Jan 2022	765 - 770	-2.23%	Dec 2021	822 - 826
MB-STE-0125	Steel hot-rolled coil import, cfr Jebel Ali, UAE, \$/tonne	18 Jan 2022	750 - 765	0.33%	Dec 2021	800 - 828.75
MB-STE-0113	Steel hot-rolled coil import, cfr Saudi Arabia, \$/tonne	18 Jan 2022	825 - 835	0.61%	Dec 2021	822.5 - 860

Cold-rolled steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0005	Steel cold-rolled coil domestic monthly, exw Brazil, reais/tonne	14 Jan 2022	6500 - 6590	-0.68%	Dec 2021	6500 - 6680



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0012	Steel cold-rolled coil export, fob Black Sea, CIS, \$/tonne	17 Jan 2022	895 - 905	0.00%	Dec 2021	902.5 - 927.5
MB-STE-0026	Steel cold-rolled coil domestic, exw Northern Europe, €/tonne	19 Jan 2022	1100 - 1130	5.19%	Dec 2021	1018 - 1066
MB-STE-0027	Steel cold-rolled coil domestic, exw Southern Europe, €/tonne	19 Jan 2022	1020 - 1090	-1.40%	Dec 2021	1014 - 1044
MB-STE-0044	Steel cold-rolled coil import, cfr main port Northern Europe, €/tonne	19 Jan 2022	870 - 900	0.00%	Dec 2021	934 - 954
MB-STE-0045	Steel cold-rolled coil import, cfr main port Southern Europe, €/tonne	19 Jan 2022	870 - 880	-1.13%	Dec 2021	914 - 954
MB-STE-0064	Steel cold-rolled sheet domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	17 Jan 2022	83000 - 85000	0.00%	Dec 2021	82500 - 84750
MB-STE-0103	Steel cold-rolled coil import, cfr main ports South America, \$/tonne	14 Jan 2022	940 - 960	-1.04%	Dec 2021	943 - 998
MB-STE-0106	Steel cold-rolled coil import, cfr main port Turkey, \$/tonne	14 Jan 2022	930 - 935	0.00%	Dec 2021	937 - 946
MB-STE-0109	Steel cold-rolled coil domestic, exw Turkey, \$/tonne	14 Jan 2022	970 - 990	1.03%	Dec 2021	990 - 1012
MB-STE-0124	Steel cold-rolled coil import, cfr Jebel Ali, UAE, \$/tonne	18 Jan 2022	870 - 910	0.00%	Dec 2021	875 - 926.25
MB-STE-0132	Steel cold-rolled coil export, fob main port Latin America, \$/tonne	14 Jan 2022	890 - 920	-9.05%	Dec 2021	990 - 1000
MB-STE-0145	Steel cold-rolled coil export, fob China main port, \$/tonne	18 Jan 2022	835 - 850	-1.46%	Dec 2021	846.25 - 860
MB-STE-0153	Steel cold-rolled coil domestic, delivered Eastern China domestic, yuan/tonne	14 Jan 2022	5410 - 5450	-0.09%	Dec 2021	5444 - 5500
MB-STE-0181	Steel cold-rolled coil, import, ddp Houston, \$/short ton	19 Jan 2022	1420 - 1490	0.00%	Dec 2021	1475 - 1525
MB-STE-0185	Steel cold-rolled coil, fob mill US, \$/cwt	20 Jan 2022	94	-3.59%	Dec 2021	101.6
MB-STE-0435	Steel cold-rolled coil domestic, ex-whse India, rupees/tonne	14 Jan 2022	68500 - 69500	0.00%	Dec 2021	71800 - 72800
MB-STE-0443	Steel cold-rolled coil import, cfr main port India, \$/tonne	14 Jan 2022	820 - 825	2.17%	Dec 2021	835 - 847
MB-STE-0469	Steel cold-rolled coil, fob mill US, \$/short ton	20 Jan 2022	1880	-3.59%	Dec 2021	

Galvanized steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0883	Steel hot-dipped galvanized coil (hot-rolled base), fob mill US, \$/cwt	20 Jan 2022	88	0.00%	Dec 2021	99.4
MB-STE-0780	Steel hot-dipped galvanized export, fob Turkey, \$/tonne	14 Jan 2022	1060 - 1100	-0.23%	Dec 2021	1119 - 1132
MB-STE-0434	Steel hot-dipped galvanized coil domestic, ex-whse India, rupees/tonne	14 Jan 2022	74000 - 76000	0.00%	Dec 2021	78200 - 80000
MB-STE-0470	Steel hot-dipped galvanized (base) steel coil, fob mill US, \$/short ton	20 Jan 2022	1840	-4.17%	Dec 2021	
MB-STE-0031	Steel hot-dipped galvanized coil domestic, exw Southern Europe, €/tonne	19 Jan 2022	1040 - 1100	0.00%	Dec 2021	1022 - 1056
MB-STE-0104	Steel hot-dipped galvanized coil import, cfr main ports South America, \$/tonne	14 Jan 2022	1000 - 1040	0.00%	Dec 2021	1000 - 1046
MB-STE-0091	Steel hot-dipped galvanized coil import, cfr main port Northern Europe, €/tonne	19 Jan 2022	970 - 980	0.00%	Dec 2021	1026 - 1042
MB-STE-0021	Steel hot-dipped galvanized coil domestic, ex-whs Eastern China, yuan/tonne	14 Jan 2022	5650 - 5700	0.18%	Dec 2021	5646 - 5698
MB-STE-0110	Steel hot-dipped galvanized coil domestic, exw Turkey, \$/tonne	14 Jan 2022	1050 - 1100	-0.69%	Dec 2021	1113 - 1126
MB-STE-0048	Steel hot-dipped galvanized coil import, cfr main port Southern Europe, €/tonne	19 Jan 2022	920 - 950	0.00%	Dec 2021	984 - 1018
MB-STE-0030	Steel hot-dipped galvanized coil domestic, exw Northern Europe, €/tonne	19 Jan 2022	1100 - 1150	3.21%	Dec 2021	1038 - 1088
MB-STE-0123	Steel hot-dipped-galvanized coil import, cfr Jebel Ali, UAE, \$/tonne	18 Jan 2022	1075 - 1140	0.00%	Dec 2021	1077.5 - 1130
MB-STE-0186	Steel hot-dipped galvanized coil (cold-rolled base), fob mill US, \$/cwt	20 Jan 2022	92	-4.17%	Dec 2021	100.6



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0006	Steel hot-dipped galvanized coil domestic monthly, exw Brazil, reais/tonne	14 Jan 2022	8055 - 8250	-1.03%	Dec 2021	8055 - 8420
MB-STE-0441	Steel hot-dipped galvanized coil export, fob main port India, \$/tonne	14 Jan 2022	990 - 1000	5.29%	Dec 2021	1024 - 1048
MB-STE-0182	Steel hot-dipped galvanized 0.012 inch G30, ddp Houston, \$/short ton	19 Jan 2022	1640 - 1700	0.00%	Dec 2021	1640 - 1700
MB-STE-0212	Steel hot-dipped galvanized coil 0.03-0.13 inch G90 (cold-rolled base), fob mill US, \$/cwt	20 Jan 2022	96.5	-3.98%	Dec 2021	105.1
MB-STE-0009	Steel galvanized coil 1mm export, fob main port China, \$/tonne	18 Jan 2022	891 - 910	-1.04%	Dec 2021	898.75 - 920
MB-STE-0111	Steel prepainted galvanized domestic, exw Turkey, \$/tonne	14 Jan 2022	1150 - 1200	-1.05%	Dec 2021	1217 - 1234
MB-STE-0187	Steel coil Galvalume, fob mill US, \$/cwt	18 Jan 2022	82.5	-10.81%	Dec 2021	92.5
MB-STE-0850	Steel coil Galvalume import, cfr main ports South America, \$/tonne	14 Jan 2022	1150 - 1180	-0.85%	Dec 2021	1150 - 1200

Steel plate prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0013	Steel heavy plate 8-50mm export, fob Black Sea, CIS, \$/tonne	17 Jan 2022	830 - 835	0.00%	Dec 2021	890 - 940
MB-STE-0034	Steel domestic plate 8-40mm, exw Northern Europe, €/tonne	19 Jan 2022	950 - 990	0.00%	Dec 2021	966 - 994
MB-STE-0035	Steel domestic plate 8-40mm, exw Southern Europe, €/tonne	19 Jan 2022	840 - 860	1.19%	Dec 2021	842 - 870
MB-STE-0049	Steel plate (8-40mm) import, cfr main port Northern Europe, €/tonne	19 Jan 2022	830 - 850	0.60%	Dec 2021	848 - 858
MB-STE-0050	Steel plate (8-40mm) import, cfr main port Southern Europe, €/tonne	19 Jan 2022	820 - 860	1.82%	Dec 2021	848 - 858
MB-STE-0101	Steel plate import, cfr main ports South America, \$/tonne	14 Jan 2022	880 - 900	-1.39%	Dec 2021	913 - 934
MB-STE-0134	Steel heavy plate (thicker than 10mm) export, fob main port Latin America, \$/tonne	14 Jan 2022	810 - 830	-4.37%	Dec 2021	853 - 867
MB-STE-0146	Steel heavy plate export, fob China main port, \$/tonne	18 Jan 2022	770 - 790	0.00%	Dec 2021	797.5 - 807.5
MB-STE-0155	Steel plate domestic, delivered whs Eastern China, yuan/tonne	14 Jan 2022	4920 - 4950	-1.50%	Dec 2021	5080 - 5100
MB-STE-0172	Steel cut-to-length plate carbon grade, fob mill US, \$/cwt	14 Jan 2022	90.75	0.00%	Dec 2021	90.75
MB-STE-0179	Steel medium plate, import, ddp Houston, \$/short ton	19 Jan 2022	1450 - 1500	0.00%	Dec 2021	1475 - 1530
MB-STE-0437	Steel heavy plate domestic, ex-whse India, rupees/tonne	14 Jan 2022	62500 - 64500	0.00%	Dec 2021	65800 - 67600
MB-STE-0439	Steel heavy plate 12-40mm export, fob main port India, \$/tonne	14 Jan 2022	760 - 770	0.00%	Dec 2021	791 - 806
MB-STE-0446	Steel heavy plate 10-40mm import, cfr main port India, \$/tonne	14 Jan 2022	775 - 785	1.96%	Dec 2021	816 - 827
MB-STE-0467	Steel cut-to-length plate carbon grade, fob mill US, \$/short ton	14 Jan 2022	1815	0.00%	Dec 2021	
MB-STE-0514	Steel plate domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	17 Jan 2022	81000 - 83000	0.00%	Dec 2021	80500 - 82000

Reinforcing bar (rebar) prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0008	Steel reinforcing bar (rebar) domestic monthly, delivered Brazil, reais/tonne	14 Jan 2022	4440 - 4780	3.83%	Dec 2021	4280 - 4600
MB-STE-0015	Steel reinforcing bar (rebar) export, fob Black Sea, CIS, \$/tonne	17 Jan 2022	690 - 735	0.00%	Dec 2021	717.5 - 730
MB-STE-0036	Steel reinforcing bar (rebar) domestic, delivered Northern Europe, €/tonne	19 Jan 2022	830 - 860	0.00%	Dec 2021	812 - 844
MB-STE-0037	Steel reinforcing bar (rebar) domestic, delivered Southern Europe, €/tonne	19 Jan 2022	820 - 850	2.14%	Dec 2021	774 - 800
MB-STE-0051	Steel reinforcing bar (rebar) import, cfr main EU port Northern Europe, €/tonne	19 Jan 2022	740 - 780	1.33%	Dec 2021	714 - 760



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0052	Steel reinforcing bar (rebar) import, cfr main EU port Southern Europe, €/tonne	19 Jan 2022	730 - 750	4.23%	Dec 2021	674 - 700
MB-STE-0066	Steel reinforcing bar (rebar) domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	17 Jan 2022	63000 - 65000	0.00%	Dec 2021	62000 - 64000
MB-STE-0073	Steel reinforcing bar (rebar) export, fob main port Southern Europe, €/tonne	19 Jan 2022	780 - 800	0.64%	Dec 2021	732 - 752
MB-STE-0092	Steel reinforcing bar (rebar) domestic, exw Poland, zloty/tonne	14 Jan 2022	3900 - 3950	6.08%	Dec 2021	3600 - 3720
MB-STE-0112	Steel reinforcing bar (rebar) domestic, exw Egypt, E£/tonne	20 Jan 2022	14900 - 15000	0.00%	Dec 2021	14900 - 15350
MB-STE-0119	Steel reinforcing bar (rebar) export, fob main port Turkey, \$/tonne	20 Jan 2022	700 - 715	1.80%	Dec 2021	693 - 705
MB-STE-0126	Steel reinforcing bar (rebar) domestic, exw UAE, dirhams/tonne	18 Jan 2022	2400 - 2450	0.00%	Dec 2021	2439.75 - 2475
MB-STE-0127	Steel reinforcing bar (rebar) import, cfr Jebel Ali, UAE, \$/tonne	18 Jan 2022	651 - 660	0.00%	Dec 2021	649 - 667
MB-STE-0142	Steel reinforcing bar (rebar) import, cfr Singapore, \$/tonne	17 Jan 2022	720	2.13%	Dec 2021	711.25 - 713.75
MB-STE-0147	Steel reinforcing bar (rebar) index export, fob China main port, \$/tonne	18 Jan 2022	750.58	0.98%	Dec 2021	781.72
MB-STE-0152	Steel reinforcing bar (rebar) domestic, ex-whs Eastern China, yuan/tonne	20 Jan 2022	4680 - 4730	0.11%	Dec 2021	4778.26 - 4809.57
MB-STE-0162	Steel reinforcing bar (rebar) domestic, ex-whs Northern China, yuan/tonne	14 Jan 2022	4580 - 4640	1.88%	Dec 2021	4642 - 4692
MB-STE-0170	Steel reinforcing bar (rebar), fob mill US, \$/cwt	19 Jan 2022	51.5	0.00%	Dec 2021	51.5
MB-STE-0171	Steel reinforcing bar (rebar), import, loaded truck Port of Houston for immediate delivery, \$/short ton	19 Jan 2022	960 - 990	0.00%	Dec 2021	966 - 992
MB-STE-0438	Steel rebar domestic, exw India, rupees/tonne	14 Jan 2022	48000 - 48200	2.56%	Dec 2021	45280 - 45480
MB-STE-0465	Steel reinforcing bar (rebar), fob mill US, \$/short ton	19 Jan 2022	1030	0.00%	Dec 2021	
MB-STE-0784	Steel reinforcing bar (rebar) domestic, exw Turkey, lira/tonne	20 Jan 2022	11100 - 11300	-1.75%	Dec 2021	10903 - 11265

Wire rod prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0017	Steel wire rod (mesh quality) export, fob Black Sea, CIS, \$/tonne	17 Jan 2022	790 - 830	5.19%	Dec 2021	728.75 - 800
MB-STE-0042	Steel wire rod (mesh quality) domestic, delivered Northern Europe, €/tonne	19 Jan 2022	850 - 870	0.88%	Dec 2021	818 - 844
MB-STE-0043	Steel wire rod (mesh quality) domestic, delivered Southern Europe, €/tonne	19 Jan 2022	830 - 850	3.07%	Dec 2021	780 - 808
MB-STE-0053	Steel wire rod (mesh quality) import, main port Northern Europe, €/tonne	19 Jan 2022	780 - 800	0.00%	Dec 2021	762 - 780
MB-STE-0054	Steel wire rod (mesh quality) import, main port Southern Europe, €/tonne	19 Jan 2022	760 - 780	0.00%	Dec 2021	750 - 770
MB-STE-0074	Steel wire rod export, fob main port Southern Europe, €/tonne	19 Jan 2022	800 - 840	1.23%	Dec 2021	774 - 790
MB-STE-0120	Steel wire rod (mesh quality) export, fob main port Turkey, \$/tonne	20 Jan 2022	790 - 800	0.00%	Dec 2021	790 - 800
MB-STE-0130	Steel wire rod (mesh quality) export, fob main port Latin America, \$/tonne	14 Jan 2022	750 - 800	0.00%	Dec 2021	770 - 808
MB-STE-0143	Steel wire rod (low carbon) import, cfr Southeast Asia, \$/tonne	17 Jan 2022	720 - 725	0.00%	Dec 2021	710
MB-STE-0148	Steel wire rod (mesh quality) export, fob China main port, \$/tonne	18 Jan 2022	735 - 740	0.00%	Dec 2021	743.75 - 757.5
MB-STE-0164	Steel wire rod (mesh quality) domestic, ex-whs Eastern China, yuan/tonne	14 Jan 2022	4700 - 4730	0.00%	Dec 2021	4788 - 4838
MB-STE-0192	Steel wire rod (low carbon) industrial quality, fob mill US, \$/cwt	18 Jan 2022	64 - 69	0.00%	Dec 2021	64 - 69



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0193	Steel wire rod (high carbon), fob mill US, \$/cwt	18 Jan 2022	73	0.00%	Dec 2021	73
MB-STE-0194	Steel wire rod cold-heading quality, ddp, \$/cwt	18 Jan 2022	75	0.00%	Dec 2021	75
MB-STE-0195	Steel wire rod (low carbon) import, loaded truck Port of Houston for immediate delivery, \$/short ton	18 Jan 2022	1120 - 1220	-4.88%	Dec 2021	1180 - 1280
MB-STE-0785	Steel wire rod (mesh quality) domestic, exw Turkey, lira/tonne	20 Jan 2022	13000 - 13500	-3.64%	Dec 2021	12440 - 12900
MB-STE-0891	Steel wire rod (drawing quality), domestic, delivered Poland, zloty/tonne	14 Jan 2022	3950 - 4000	0.63%	Dec 2021	3900 - 3950

Steel beams, sections & bar prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FE-0001	Steel merchant bar export, fob main port Turkey, \$/tonne	20 Jan 2022	775 - 785	1.63%	Dec 2021	773 - 776
MB-STE-0020	Steel hollow sections ASTM A500 Grade B domestic, fob mill US, \$/short ton	20 Jan 2022	2100 - 2150	-1.85%	Dec 2021	2260 - 2310
MB-STE-0024	Steel beams domestic, delivered Northern Europe, €/tonne	19 Jan 2022	1070 - 1100	1.88%	Dec 2021	1020 - 1040
MB-STE-0025	Steel beams domestic, delivered Southern Europe, €/tonne	19 Jan 2022	1070 - 1100	1.88%	Dec 2021	1020 - 1030
MB-STE-0038	Steel sections (medium) domestic, delivered Northern Europe, €/tonne	19 Jan 2022	1050 - 1090	-4.04%	Dec 2021	1080 - 1150
MB-STE-0039	Steel sections (medium) domestic, delivered Southern Europe, €/tonne	19 Jan 2022	1050 - 1090	-4.04%	Dec 2021	1080 - 1150
MB-STE-0161	Steel sections domestic, ex-whs Eastern China, yuan/tonne	14 Jan 2022	4750 - 4800	1.06%	Dec 2021	4676 - 4718
MB-STE-0199	Steel bar 2 x 2 x 1/4-inch angle merchant products, fob mill US, \$/cwt	03 Jan 2022	60.8	0.00%	Dec 2021	60.8
MB-STE-0200	Steel bar 3 x 3 x 1/4-inch angle merchant products, fob mill US, \$/cwt	03 Jan 2022	61.25	0.00%	Dec 2021	61.25
MB-STE-0201	Steel bar 8 x 11.5-inch channels merchant products, fob mill US, \$/cwt	03 Jan 2022	60.5	0.00%	Dec 2021	60.5
MB-STE-0202	Steel bar 1/2 x 4-inch flat merchant products, fob mill US, \$/cwt	03 Jan 2022	61	0.00%	Dec 2021	61
MB-STE-0203	Steel merchant bar, loaded truck Port of Houston for immediate delivery, \$/short ton	03 Jan 2022	1180 - 1220	0.00%	Dec 2021	1180 - 1220
MB-STE-0204	Steel bar cold-finished 1-inch round 4140 (alloy), fob mill US, \$/cwt	17 Dec 2021	112	0.45%	Dec 2021	112
MB-STE-0205	Steel bar cold-finished 1-inch round 1018 (carbon), fob mill US, \$/cwt	17 Dec 2021	91	0.55%	Dec 2021	91
MB-STE-0206	Steel bar cold-finished 1-inch round 12L14 (carbon), fob mill US, \$/cwt	17 Dec 2021	106	-0.47%	Dec 2021	106
MB-STE-0207	Steel bar hot-rolled special bar quality (SBQ) 1-inch round 4100 series (alloy), fob mill US, \$/cwt	17 Dec 2021	81.5	-0.61%	Dec 2021	81.5
MB-STE-0208	Steel bar hot-rolled special bar quality (SBQ) 1-inch round 1000 series (carbon), fob mill US, \$/cwt	17 Dec 2021	70	-0.71%	Dec 2021	70
MB-STE-0209	Steel beams 8 x 8-inch, fob mill US, \$/cwt	03 Jan 2022	70.5	0.00%	Dec 2021	70.5
MB-STE-0210	Steel beams medium sections, loaded truck Port of Houston for immediate delivery, \$/short ton	03 Jan 2022	1345 - 1385	-3.19%	Dec 2021	1390 - 1430
MB-STE-0851	Steel hollow sections ASTM 500 Grade B import, ddp US port of entry, \$/short ton	28 Dec 2021	1850 - 1900	0.00%	Dec 2021	1850 - 1900

Steel billet prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0782	Steel billet export, fob ports Iran, \$/tonne	19 Jan 2022	550 - 555	0.91%	Dec 2021	548.6 - 554.4
MB-STE-0558	Steel billet index export, fob Black Sea, CIS, \$/tonne	20 Jan 2022	626	0.97%	Dec 2021	600.9
MB-STE-0516	Steel billet import, cfr main port Egypt, \$/tonne	20 Jan 2022	665 - 675	1.13%	Dec 2021	649 - 662
MB-STE-0433	Steel billet domestic, exw India, rupees/tonne	14 Jan 2022	45100 - 45300	2.84%	Dec 2021	41780 - 41980



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0440	Steel billet export, fob main port India, \$/tonne	14 Jan 2022	595 - 600	2.14%	Dec 2021	593 - 598
MB-STE-0141	Steel billet import, cfr Manila, \$/tonne	20 Jan 2022	635 - 640	0.39%	Dec 2021	634.13 - 639.35
MB-STE-0157	Steel billet domestic, exw Tangshan, Northern China, yuan/tonne	20 Jan 2022	4410	0.68%	Dec 2021	4339.57
MB-STE-0890	Steel billet, import, cfr China, \$/tonne	18 Jan 2022	625 - 635	-0.40%	Dec 2021	607 - 615
MB-STE-0116	Steel billet import, cfr main port Turkey, \$/tonne	20 Jan 2022	645 - 655	1.56%	Dec 2021	628 - 637
MB-STE-0117	Steel billet export, fob main port Turkey, \$/tonne	20 Jan 2022	665 - 670	1.52%	Dec 2021	652 - 661
MB-STE-0115	Steel billet domestic, exw Turkey, \$/tonne	20 Jan 2022	665 - 670	1.14%	Dec 2021	654 - 667
MB-STE-0128	Steel billet export, fob main port Latin America, \$/tonne	14 Jan 2022	600 - 610	0.00%	Dec 2021	602 - 618
MB-STE-0122	Steel billet import, cfr Jebel Ali, UAE, \$/tonne	18 Jan 2022	580 - 620	0.00%	Dec 2021	590 - 625

Steel slab prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0781	Steel slab export, fob ports Iran, \$/tonne	19 Jan 2022	560	0.00%	Dec 2021	575.2
MB-STE-0566	Steel slab export, fob main port Brazil, \$/tonne	14 Jan 2022	610 - 630	5.08%	Dec 2021	601 - 628
MB-STE-0140	Steel slab import, cfr Southeast Asia/East Asia, \$/tonne	17 Jan 2022	645	3.20%	Dec 2021	647.5 - 663.75
MB-STE-0016	Steel slab export, fob Black Sea, CIS, \$/tonne	17 Jan 2022	600	1.27%	Dec 2021	596.25 - 613.75

Steel tube & pipe prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0022	Steel ERW standard pipe A53 Grade A, fob mill US, \$/short ton	28 Dec 2021	2100 - 2150	-4.49%	Dec 2021	2100 - 2150
MB-STE-0023	Steel ERW standard pipe A53 Grade B, fob mill US, \$/short ton	28 Dec 2021	2200 - 2250	-4.30%	Dec 2021	2200 - 2250
MB-STE-0056	Steel ERW standard pipe A53 Grade A import, cif Houston, \$/short ton	28 Dec 2021	1900 - 1950	0.00%	Dec 2021	1900 - 1950
MB-STE-0057	Steel ERW standard pipe A53 Grade B import, cif Houston, \$/short ton	28 Dec 2021	1950 - 2000	0.00%	Dec 2021	1950 - 2000
MB-STE-0059	Steel seamless line pipe - API 5LB import, cif Houston, \$/short ton	11 Jan 2022	2525 - 2705	0.00%	Dec 2021	2525 - 2705
MB-STE-0062	Steel seamless OCTG API 5CT - Casing P110, import, cif Houston, \$/short ton	11 Jan 2022	1825 - 1925	0.00%	Dec 2021	1825 - 1925
MB-STE-0063	Steel OCTG API 5CT - Casing J55, fob mill US, \$/short ton	11 Jan 2022	2250 - 2350	0.00%	Dec 2021	2250 - 2350
MB-STE-0071	Steel seamless OCTG API 5CT - Casing P110, fob mill US, \$/short ton	11 Jan 2022	2250 - 2350	0.00%	Dec 2021	2250 - 2350
MB-STE-0090	Steel welded mechanical tubing ASTM A513, fob mill US, \$/short ton	28 Dec 2021	2275 - 2350	-3.65%	Dec 2021	2275 - 2350
MB-STE-0166	Steel structural pipe export S235JR grade EN10219 2mm wall thickness, fob main port Turkey, \$/tonne	12 Jan 2022	910 - 920	-2.92%	Dec 2021	940 - 945
MB-STE-0545	Steel ERW line pipe (X52), fob mill US, \$/short ton	11 Jan 2022	2425 - 2475	0.00%	Dec 2021	2425 - 2475
MB-STE-0561	Steel ERW line pipe (X65), fob mill US, \$/short ton	11 Jan 2022	2550 - 2600	0.00%	Dec 2021	2550 - 2600
MB-STE-0564	Steel welded OCTG API 5CT - Casing P110, fob mill US, \$/short ton	11 Jan 2022	2200 - 2300	0.00%	Dec 2021	2200 - 2300
MB-STE-0565	Steel welded OCTG API 5CT - Casing P110, import, cif Houston, \$/short ton	11 Jan 2022	1900 - 1950	0.00%	Dec 2021	1900 - 1950
MB-STE-0869	Steel OCTG API 5CT - Casing J55 import South Korean-made, cif Houston, \$/short ton	11 Jan 2022	1750 - 1800	0.00%	Dec 2021	1750 - 1800
MB-STE-0870	Steel OCTG API 5CT - Casing J55 import non-South Korean-made, cif Houston, \$/short ton	11 Jan 2022	1800 - 1850	0.00%	Dec 2021	1800 - 1850
MB-STE-0871	Steel ERW line pipe (X52) import South Korean-made, cif Houston, \$/short ton	11 Jan 2022	1700 - 1800	0.00%	Dec 2021	1700 - 1800



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0872	Steel ERW line pipe (X52) import non-South Korean-made, cif Houston, \$/short ton	11 Jan 2022	2135 - 2235	0.00%	Dec 2021	2135 - 2235
MB-STE-0873	Steel ERW line pipe (X70), fob mill US, \$/short ton	11 Jan 2022	2600 - 2650	0.00%	Dec 2021	2600 - 2650

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	14 Jan 2022	4400 - 4500	0.00%	Dec 2021	4300 - 4430
MB-ST5-0035	Stainless steel 304 cold-rolled sheet, fob mill US, \$/cwt	10 Jan 2022	205	2.50%	Dec 2021	200
MB-ST5-0034	Stainless steel 304L cold-rolled sheet, fob mill US, \$/cwt	10 Jan 2022	209	2.45%	Dec 2021	204
MB-ST5-0037	Stainless steel 316L cold-rolled sheet, fob mill US, \$/cwt	10 Jan 2022	282	1.44%	Dec 2021	278
MB-ST5-0005	Stainless steel bright bar grade 304 base price domestic, delivered Europe, €/tonne	14 Jan 2022	1050 - 1100	0.00%	Dec 2021	1050 - 1100
MB-ST5-0004	Stainless steel bright bar grade 304 alloy surcharge domestic, Europe, €/tonne	14 Jan 2022	3364 - 3570	9.66%	Dec 2021	2993 - 3330
MB-ST5-0282	Stainless steel cold-rolled coil 2mm grade 304 export, fob China, \$/tonne	19 Jan 2022	2860 - 3010	0.00%	Dec 2021	2742 - 2890
MB-ST5-0018	Stainless steel cold-rolled coil, Asia grade 304 (2mm 2B), cif East Asian port, \$/tonne	19 Jan 2022	2900 - 3000	-0.67%	Dec 2021	2790 - 2868
MB-ST5-0015	Stainless steel cold-rolled coil 2mm grade 304 domestic, ex-whs China, yuan/tonne	19 Jan 2022	17900 - 18100	2.27%	Dec 2021	16720 - 17000
MB-ST5-0016	Stainless steel cold-rolled coil 2mm grade 430 domestic, ex-whs China, yuan/tonne	19 Jan 2022	9450 - 9500	1.61%	Dec 2021	9480 - 9530
MB-ST5-0283	Stainless steel hot-rolled coil grade 304 export, fob China, \$/tonne	19 Jan 2022	2950 - 3040	1.18%	Dec 2021	2756 - 2830
MB-ST5-0280	Stainless steel hot-rolled coil Asia grade 304, cif port East Asia, \$/tonne	19 Jan 2022	2780 - 2840	5.05%	Dec 2021	2698 - 2758
MB-ST5-0001	Stainless steel cold-rolled sheet 316 2mm alloy surcharge domestic, Europe, €/tonne	14 Jan 2022	3643 - 3669	2.48%	Dec 2021	3546 - 3589
MB-ST5-0002	Stainless steel cold-rolled sheet base price 316 2mm domestic, delivered Europe, €/tonne	14 Jan 2022	2180 - 2280	0.00%	Dec 2021	2180 - 2280
MB-ST5-0006	Stainless steel cold-rolled sheet 2mm grade 304 alloy surcharge domestic, Europe, €/tonne	14 Jan 2022	2421 - 2427	3.79%	Dec 2021	2308 - 2363
MB-ST5-0007	Stainless steel cold-rolled sheet 2mm grade 304 base price domestic, delivered Northern Europe, €/tonne	14 Jan 2022	1900 - 2000	0.00%	Dec 2021	1900 - 2000

Steel raw materials prices

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

Iron ore prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0008	Iron ore 62% Fe fines, cfr Qingdao, \$/tonne	20 Jan 2022	134.72	2.66%	Dec 2021	115.25
MB-IRO-0009	Iron ore 65% Fe Brazil-origin fines, cfr Qingdao, \$/tonne	20 Jan 2022	161.9	1.31%	Dec 2021	132.02
MB-IRO-0010	Iron ore 63% Fe Australia-origin lump ore premium, cfr Qingdao, US cents/dmtu	20 Jan 2022	26.5	0.00%	Dec 2021	15.17
MB-IRO-0011	Iron ore 62% Fe fines, fot Qingdao, yuan/wet tonne	20 Jan 2022	860	0.35%	Dec 2021	758.57
MB-IRO-0012	Iron ore 65% Fe blast furnace pellet, cfr Qingdao, \$/tonne	14 Jan 2022	210.44	3.36%	Dec 2021	185.02
MB-IRO-0013	Iron ore 66% Fe concentrate, cfr Qingdao, \$/tonne	14 Jan 2022	163.12	4.72%	Dec 2021	138.88
MB-IRO-0015	Iron ore 58% Fe fines, cfr Qingdao, \$/tonne	20 Jan 2022	80.4	2.25%	Dec 2021	69.6
MB-IRO-0016	Iron ore 58% Fe fines high-grade premium, cfr Qingdao, \$/tonne	20 Jan 2022	30.5	7.02%	Dec 2021	18.54
MB-IRO-0017	Iron ore 58% Fe fines high-grade premium index, cfr Qingdao, \$/tonne	20 Jan 2022	110.9	3.52%	Dec 2021	88.14
MB-IRO-0018	Iron ore 62% Fe fines, % Fe VIU, cfr Qingdao, \$/tonne	20 Jan 2022	2.26	0.00%	Dec 2021	2.11
MB-IRO-0019	Iron ore 65% Fe fines, % Fe VIU, cfr Qingdao \$/tonne	20 Jan 2022	3.1	0.00%	Dec 2021	2.29
MB-IRO-0020	Iron ore 62% Fe fines, % Si VIU, cfr Qingdao, \$/tonne	20 Jan 2022	(5.44)		Dec 2021	(4.94)
MB-IRO-0021	Iron ore 62% Fe fines, % Al2O3 VIU, cfr Qingdao, \$/tonne	20 Jan 2022	(6.64)		Dec 2021	(6.33)
MB-IRO-0022	Iron ore 62% Fe fines, fot Qingdao, \$/tonne conversion	20 Jan 2022	125.18	0.36%	Dec 2021	109.62
MB-IRO-0024	Iron ore 62% Fe fines, 0.01% P VIU, cfr Qingdao, \$/tonne	20 Jan 2022	(0.75)		Dec 2021	(0.82)
MB-IRO-0076	Iron ore product differential - 62% Fe Pilbara Blend Fines, cfr Qingdao, \$/tonne	31 Dec 2021	(0.75)		Dec 2021	(1.2)
MB-IRO-0077	Iron ore DR-grade pellet premium to 65% Fe fines index, Middle East reference, \$/tonne	31 Dec 2021	50	0.00%	Dec 2021	50
MB-IRO-0114	Iron ore 62% Fe Pilbara blend fines, cfr Qingdao, \$/tonne	31 Dec 2021	120	0.77%	Dec 2021	94.12
MB-IRO-0144	Iron ore 62% Fe low-alumina fines, cfr Qingdao, \$/tonne	20 Jan 2022	140.45	2.52%	Dec 2021	115.83
MB-IRO-0177	Iron ore pellet premium over 65% Fe fines, cfr China, \$/tonne	14 Jan 2022	54.8	0.00%	Dec 2021	52.2

Coking coal, coke & PCI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-COA-0001	Hard coking coal domestic China spot market, Shanxi-origin, delivered Tangshan, yuan/tonne	17 Jan 2022	2675 - 3040	5.93%	Dec 2021	2175 - 2692
MB-COA-0002	Hard coking coal, cfr Jingtang, \$/dmt	20 Jan 2022	357.39	1.07%	Dec 2021	325.14
MB-COA-0003	Premium hard coking coal, fob DBCT, \$/dmt	20 Jan 2022	431.1	0.00%	Dec 2021	340.4
MB-COA-0004	Hard coking coal, fob DBCT, \$/dmt	20 Jan 2022	375.25	0.44%	Dec 2021	287.44
MB-COA-0005	Premium hard coking coal, cfr Jingtang, \$/dmt	20 Jan 2022	405.28	0.62%	Dec 2021	355.52
MB-COA-0006	Coke 65% CSR, fob China, \$/tonne	18 Jan 2022	595 - 610	4.33%	Dec 2021	497.5 - 526.25
MB-COA-0007	PCI low-vol, cfr Jingtang, \$/dmt	14 Jan 2022	282.56	20.48%	Dec 2021	218.74
MB-COA-0008	PCI low-vol, fob DBCT, \$/dmt	14 Jan 2022	250.09	2.04%	Dec 2021	235.28



Pig iron, DRI & HBI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FE-0002	Hot-briquetted iron export, fob main port Venezuela, \$/tonne	14 Jan 2022	350 - 360	-6.58%	Dec 2021	370 - 390
MB-FE-0003	Hot-briquetted iron, fob New Orleans, \$/tonne	18 Jan 2022	490 - 520	0.00%	Dec 2021	490 - 520
MB-FE-0004	Hot-briquetted iron, cfr Italian ports, \$/tonne	20 Jan 2022	480 - 490	-1.52%	Dec 2021	490 - 495
MB-FEN-0001	Nickel pig iron, high-grade NPI content 10-15%, contract, ddp China, yuan/nickel unit price	14 Jan 2022	1360 - 1380	5.79%	Dec 2021	1344 - 1376
MB-FEN-0002	Nickel pig iron, high-grade NPI content 10-15%, spot, ddp China, yuan/nickel unit price	14 Jan 2022	1360 - 1390	4.96%	Dec 2021	1328 - 1360
MB-FEN-0004	Pig iron foundry grade, Brazil, fob New Orleans, \$/tonne	18 Jan 2022	710 - 740	0.00%	Dec 2021	710 - 740
MB-IRO-0001	Pig iron export, fob main port Baltic Sea, CIS, \$/tonne	20 Jan 2022	550	0.00%	Dec 2021	550 - 554
MB-IRO-0002	Pig iron export, fob main port Black Sea, CIS, \$/tonne	20 Jan 2022	500 - 515	2.53%	Dec 2021	501 - 514
MB-IRO-0004	Pig iron import, cfr Gulf of Mexico, US, \$/tonne	14 Jan 2022	530 - 540	0.00%	Dec 2021	551 - 558
MB-IRO-0005	Pig iron export, fob port of Vitoria/Rio, Brazil, \$/tonne	14 Jan 2022	500	3.09%	Dec 2021	496 - 497
MB-IRO-0006	Pig iron export, fob Ponta da Madeira, Brazil, \$/tonne	14 Jan 2022	520	0.97%	Dec 2021	534 - 539
MB-IRO-0014	Pig iron import, cfr Italy, \$/tonne	20 Jan 2022	530 - 540	0.00%	Dec 2021	548 - 556
MB-IRO-0023	Direct reduced iron domestic, exw India, rupees/tonne	14 Jan 2022	34200 - 34400	3.63%	Dec 2021	30740 - 30940
MB-IRO-0078	Pig iron basic grade, Brazil, fob New Orleans, \$/tonne	18 Jan 2022	540 - 570	-1.77%	Dec 2021	580 - 610
MB-IRO-0079	Pig iron basic grade, Ukraine/Russia, fob New Orleans, \$/tonne	18 Jan 2022	540 - 570	-1.77%	Dec 2021	580 - 610
MB-IRO-0178	Pig iron, import, cfr China, \$/tonne	20 Jan 2022	535 - 545	0.93%	Dec 2021	517.5 - 525

Steel scrap prices

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

Alabama

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0213	Steel scrap No1 heavy melt, consumer buying price, delivered mill Alabama, \$/gross ton	10 Jan 2022	400	-11.11%	Dec 2021	450
MB-STE-0214	Steel scrap No2 heavy melt, consumer buying price, delivered mill Alabama, \$/gross ton	10 Jan 2022	390	-11.36%	Dec 2021	440
MB-STE-0216	Steel scrap No1 busheling, consumer buying price, delivered mill Alabama, \$/gross ton	10 Jan 2022	515	-10.43%	Dec 2021	575
MB-STE-0215	Steel scrap No1 bundles, consumer buying price, delivered mill Alabama, \$/gross ton	10 Jan 2022	507	-10.58%	Dec 2021	567
MB-STE-0218	Steel scrap machine shop turnings, consumer buying price, delivered mill Alabama, \$/gross ton	10 Jan 2022	325	-13.33%	Dec 2021	375
MB-STE-0217	Steel scrap shredded auto scrap, consumer buying price, delivered mill Alabama, \$/gross ton	10 Jan 2022	468	-9.65%	Dec 2021	518
MB-STE-0219	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Alabama, \$/gross ton	10 Jan 2022	445	-10.10%	Dec 2021	495
MB-STE-0220	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Alabama, \$/gross ton	10 Jan 2022	420	-10.64%	Dec 2021	470

Arkansas/Tennessee

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0221	Steel scrap No1 heavy melt, consumer buying price, delivered mill Arkansas/Tenn, \$/gross ton	11 Jan 2022	415	-12.63%	Dec 2021	475
MB-STE-0224	Steel scrap No1 busheling, consumer buying price, delivered mill Arkansas/Tenn, \$/gross ton	11 Jan 2022	550	-9.84%	Dec 2021	610
MB-STE-0222	Steel scrap No1 bundles, consumer buying price, delivered mill Arkansas/Tenn, \$/gross ton	11 Jan 2022	545	-9.92%	Dec 2021	605
MB-STE-0223	Steel scrap No2 bundles, consumer buying price, delivered mill Arkansas/Tenn, \$/gross ton	11 Jan 2022	392	-13.27%	Dec 2021	452
MB-STE-0226	Steel scrap machine shop turnings, consumer buying price, delivered mill Arkansas/Tenn, \$/gross ton	11 Jan 2022	320	-13.51%	Dec 2021	370
MB-STE-0225	Steel scrap shredded auto scrap, consumer buying price, delivered mill Arkansas/Tenn, \$/gross ton	11 Jan 2022	465	-11.43%	Dec 2021	525
MB-STE-0227	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Arkansas/Tenn, \$/gross ton	11 Jan 2022	435	-12.12%	Dec 2021	495

Atlanta

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0340	Steel scrap No1 heavy melt, dealer selling price, fob dealer yard Atlanta, \$/gross ton	10 Jan 2022	366	-12.02%	Dec 2021	416
MB-STE-0341	Steel scrap No1 busheling, dealer selling price, fob dealer yard Atlanta, \$/gross ton	10 Jan 2022	463	-10.62%	Dec 2021	518
MB-STE-0343	Steel scrap machine shop turnings, dealer selling price, fob dealer yard Atlanta, \$/gross ton	10 Jan 2022	220	-18.52%	Dec 2021	270

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0342	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard Atlanta, \$/gross ton	10 Jan 2022	406	-10.96%	Dec 2021	456
MB-STE-0344	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard Atlanta, \$/gross ton	10 Jan 2022	376	-11.74%	Dec 2021	426

Bajio

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0553	Steel scrap No1 heavy melt, consumer buying price, delivered mill Bajio, \$/tonne	18 Jan 2022	422	5.50%	Dec 2021	347.25
MB-STE-0551	Steel scrap No1 busheling, consumer buying price, delivered mill Bajio, \$/tonne	18 Jan 2022	525	-2.78%	Dec 2021	531
MB-STE-0552	Steel scrap No1 busheling, consumer buying price, delivered mill Bajio, peso/tonne	18 Jan 2022	10700	-3.17%	Dec 2021	11200
MB-STE-0549	Steel scrap machine shop turnings, consumer buying price, delivered mill Bajio, \$/tonne	18 Jan 2022	356	2.59%	Dec 2021	305.75
MB-STE-0550	Steel scrap machine shop turnings, consumer buying price, delivered mill Bajio, peso/tonne	18 Jan 2022	7250	2.11%	Dec 2021	6450
MB-STE-0556	Steel scrap shredded auto scrap, consumer buying price, delivered mill Bajio, peso/tonne	18 Jan 2022	10750	0.00%	Dec 2021	10637.5
MB-STE-0547	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Bajio, \$/tonne	18 Jan 2022	490	3.38%	Dec 2021	425
MB-STE-0548	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Bajio, peso/tonne	18 Jan 2022	10000	3.09%	Dec 2021	8962.5
MB-STE-0554	Steel scrap No1 heavy melt, consumer buying price, delivered mill Bajio, peso/tonne	18 Jan 2022	8600	4.88%	Dec 2021	7325
MB-STE-0555	Steel scrap shredded auto scrap, consumer buying price, delivered mill Bajio, \$/tonne	18 Jan 2022	527	0.38%	Dec 2021	504.25

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	18 Jan 2022	340	0.00%	Dec 2021	358.75
MB-STE-0367	Steel scrap No2 bundles, export yard buying price, delivered to yard Boston, \$/gross ton	18 Jan 2022	260	0.00%	Dec 2021	278.75
MB-STE-0370	Steel scrap auto bodies, export yard buying price, delivered to yard Boston, \$/gross ton	18 Jan 2022	225	0.00%	Dec 2021	235
MB-STE-0369	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Boston, \$/gross ton	18 Jan 2022	340	0.00%	Dec 2021	358.75
MB-STE-0368	Steel scrap mixed cast, export yard buying price, delivered to yard Boston, \$/gross ton	18 Jan 2022	325	0.00%	Dec 2021	343.75
MB-STE-0371	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Boston, \$/gross ton	18 Jan 2022	350	0.00%	Dec 2021	368.75

Chicago

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0228	Steel scrap No1 heavy melt, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	410	-14.58%	Dec 2021	480



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0232	Steel scrap No1 busheling, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	520	-10.34%	Dec 2021	580
MB-STE-0230	Steel scrap No1 bundles, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	525	-10.26%	Dec 2021	585
MB-STE-0248	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	420	-12.50%	Dec 2021	480
MB-STE-0231	Steel scrap No2 bundles, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	270	-20.59%	Dec 2021	340
MB-STE-0234	Steel scrap machine shop turnings, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	270	-18.18%	Dec 2021	330
MB-STE-0233	Steel scrap shredded auto scrap, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	480	-11.11%	Dec 2021	540
MB-STE-0578	Steel scrap low-residual, ductile-quality shredded clips, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	682	-8.09%	Dec 2021	742
MB-STE-0241	Steel scrap unstripped motor blocks, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	504	-9.03%	Dec 2021	554
MB-STE-0235	Steel scrap cast iron borings, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	300	-18.92%	Dec 2021	370
MB-STE-0239	Steel scrap cupola cast, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	559	-8.21%	Dec 2021	609
MB-STE-0240	Steel scrap clean auto cast, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	622	-7.44%	Dec 2021	672
MB-STE-0242	Steel scrap heavy breakable cast, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	502	-9.06%	Dec 2021	552
MB-STE-0243	Steel scrap drop broken machinery cast, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	537	-8.52%	Dec 2021	587
MB-STE-0238	Steel scrap foundry steel 2ft max, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	484	-11.03%	Dec 2021	544
MB-STE-0244	Steel scrap rail crops 2ft max, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	553	-8.29%	Dec 2021	603
MB-STE-0246	Steel scrap steel car wheels, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	485	-11.01%	Dec 2021	545
MB-STE-0577	Steel scrap low-residual, black foundry busheling, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	682	-8.09%	Dec 2021	742
MB-STE-0236	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	584	-7.89%	Dec 2021	634
MB-STE-0237	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	445	-11.88%	Dec 2021	505
MB-STE-0579	Steel scrap low-alloy punchings, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	702	-7.87%	Dec 2021	762
MB-STE-0229	Steel scrap No2 heavy melt, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	395	-15.05%	Dec 2021	465

Cincinnati

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0249	Steel scrap No1 heavy melt, consumer buying price, delivered mill Cincinnati, \$/gross ton	10 Jan 2022	400	-13.04%	Dec 2021	460
MB-STE-0251	Steel scrap No1 busheling, consumer buying price, delivered mill Cincinnati, \$/gross ton	10 Jan 2022	515	-10.43%	Dec 2021	575



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0250	Steel scrap No1 bundles, consumer buying price, delivered mill Cincinnati, \$/gross ton	10 Jan 2022	515	-10.43%	Dec 2021	575
MB-STE-0253	Steel scrap machine shop turnings, consumer buying price, delivered mill Cincinnati, \$/gross ton	10 Jan 2022	227	-20.91%	Dec 2021	287
MB-STE-0252	Steel scrap shredded auto scrap, consumer buying price, delivered mill Cincinnati, \$/gross ton	10 Jan 2022	445	-11.88%	Dec 2021	505
MB-STE-0254	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Cincinnati, \$/gross ton	10 Jan 2022	425	-12.37%	Dec 2021	485

Cleveland

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0255	Steel scrap No1 heavy melt, consumer buying price, delivered mill Cleveland, \$/gross ton	10 Jan 2022	420	-12.50%	Dec 2021	480
MB-STE-0257	Steel scrap No1 busheling, consumer buying price, delivered mill Cleveland, \$/gross ton	10 Jan 2022	580	-9.38%	Dec 2021	640
MB-STE-0256	Steel scrap No1 bundles, consumer buying price, delivered mill Cleveland, \$/gross ton	10 Jan 2022	580	-9.38%	Dec 2021	640
MB-STE-0269	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Cleveland, \$/gross ton	10 Jan 2022	410	-12.77%	Dec 2021	470
MB-STE-0259	Steel scrap machine shop turnings, consumer buying price, delivered mill Cleveland, \$/gross ton	10 Jan 2022	245	-19.67%	Dec 2021	305
MB-STE-0258	Steel scrap shredded auto scrap, consumer buying price, delivered mill Cleveland, \$/gross ton	10 Jan 2022	470	-11.32%	Dec 2021	530
MB-STE-0260	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Cleveland, \$/gross ton	10 Jan 2022	440	-12.00%	Dec 2021	500
MB-STE-0653	Steel scrap punchings and plate, broker buying price, fob Cleveland, \$/gross ton	10 Jan 2022	725	-7.05%	Dec 2021	780

Detroit

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0272	Steel scrap No1 busheling, consumer buying price, delivered mill Detroit, \$/gross ton	10 Jan 2022	495	-10.81%	Dec 2021	555
MB-STE-0271	Steel scrap No1 bundles, consumer buying price, delivered mill Detroit, \$/gross ton	10 Jan 2022	485	-11.01%	Dec 2021	545
MB-STE-0279	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Detroit, \$/gross ton	10 Jan 2022	370	-13.95%	Dec 2021	430
MB-STE-0274	Steel scrap machine shop turnings, consumer buying price, delivered mill Detroit, \$/gross ton	10 Jan 2022	145	-29.27%	Dec 2021	205
MB-STE-0273	Steel scrap shredded auto scrap, consumer buying price, delivered mill Detroit, \$/gross ton	10 Jan 2022	460	-11.54%	Dec 2021	520
MB-STE-0277	Steel scrap cupola cast, consumer buying price, delivered mill Detroit, \$/gross ton	10 Jan 2022	395	-13.19%	Dec 2021	455
MB-STE-0278	Steel scrap clean auto cast, consumer buying price, delivered mill Detroit, \$/gross ton	10 Jan 2022	435	-12.12%	Dec 2021	495
MB-STE-0276	Steel scrap foundry steel 2ft max, consumer buying price, delivered mill Detroit, \$/gross ton	10 Jan 2022	410	-12.77%	Dec 2021	470
MB-STE-0275	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Detroit, \$/gross ton	10 Jan 2022	420	-12.50%	Dec 2021	480
MB-STE-0270	Steel scrap No1 heavy melt, consumer buying price, delivered mill Detroit, \$/gross ton	10 Jan 2022	405	-12.90%	Dec 2021	465



Hamilton

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0333	Steel scrap No1 heavy melt, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	11 Jan 2022	339	-18.12%	Dec 2021	414
MB-STE-0335	Steel scrap No1 busheling, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	11 Jan 2022	531	-12.38%	Dec 2021	606
MB-STE-0334	Steel scrap No1 bundles, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	11 Jan 2022	545	-12.10%	Dec 2021	620
MB-STE-0336	Steel scrap shredded auto scrap, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	11 Jan 2022	543	-12.14%	Dec 2021	618
MB-STE-0337	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	11 Jan 2022	362	-17.16%	Dec 2021	437

Houston

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0350	Steel scrap No1 heavy melt, dealer selling price, fob dealer yard Houston, \$/gross ton	11 Jan 2022	225	-21.05%	Dec 2021	285
MB-STE-0351	Steel scrap No1 busheling, dealer selling price, fob dealer yard Houston, \$/gross ton	11 Jan 2022	342	-14.93%	Dec 2021	402
MB-STE-0405	Steel scrap No1 busheling, consumer buying price trend, delivered mill Houston, \$/gross ton	11 Jan 2022	(60)		Dec 2021	0
MB-STE-0353	Steel scrap machine shop turnings, dealer selling price, fob dealer yard Houston, \$/gross ton	11 Jan 2022	145	-29.27%	Dec 2021	205
MB-STE-0352	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard Houston, \$/gross ton	11 Jan 2022	275	-17.91%	Dec 2021	335
MB-STE-0354	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard Houston, \$/gross ton	11 Jan 2022	260	-18.75%	Dec 2021	320
MB-STE-0408	Steel scrap cut structural/plate 5ft max, consumer buying price trend, delivered mill Houston, \$/gross ton	11 Jan 2022	(60)		Dec 2021	0
MB-STE-0404	Steel scrap No1 heavy melt, consumer buying price trend, delivered mill Houston, \$/gross ton	11 Jan 2022	(60)		Dec 2021	0
MB-STE-0407	Steel scrap machine shop turnings, consumer buying price trend, delivered mill Houston, \$/gross ton	11 Jan 2022	(60)		Dec 2021	0
MB-STE-0406	Steel scrap shredded auto scrap, consumer buying price trend, delivered mill Houston, \$/gross ton	11 Jan 2022	(60)		Dec 2021	0

Los Angeles

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0372	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Los Angeles, \$/gross ton	18 Jan 2022	265	0.00%	Dec 2021	265
MB-STE-0425	Steel scrap HMS 1&2 (80:20), export index, fob Los Angeles, \$/tonne	19 Jan 2022	454	5.58%	Dec 2021	475
MB-STE-0374	Steel scrap No1 busheling, export yard buying price, delivered to yard Los Angeles, \$/gross ton	18 Jan 2022	275	0.00%	Dec 2021	275
MB-STE-0373	Steel scrap No2 bundles, export yard buying price, delivered to yard Los Angeles, \$/gross ton	18 Jan 2022	165	0.00%	Dec 2021	165
MB-STE-0375	Steel scrap machine shop turnings, export yard buying price, delivered to yard Los Angeles, \$/gross ton	18 Jan 2022	60	0.00%	Dec 2021	60



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0378	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Los Angeles, \$/gross ton	18 Jan 2022	275	0.00%	Dec 2021	275

Midwest

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0424	Steel scrap No1 heavy melt, index, delivered Midwest mill, \$/gross ton	10 Jan 2022	423.92	-11.70%	Dec 2021	480.08
MB-STE-0882	Steel scrap No1 busheling, indicator, delivered Midwest mill, \$/gross ton	20 Jan 2022	542	0.00%	Dec 2021	595.38
MB-STE-0422	Steel scrap No1 busheling, index, delivered Midwest mill, \$/gross ton	10 Jan 2022	542.33	-10.18%	Dec 2021	603.81
MB-STE-0423	Steel scrap shredded, index, delivered Midwest mill, \$/gross ton	10 Jan 2022	481.39	-10.88%	Dec 2021	540.16
MB-STE-0787	Steel scrap shredder feed, fob Midwest, \$/gross ton	18 Jan 2022	188.64	-5.60%	Dec 2021	220.07

Monterrey

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0533	Steel scrap No1 heavy melt, consumer buying price, delivered mill Monterrey, \$/tonne	18 Jan 2022	385	10.32%	Dec 2021	324.5
MB-STE-0534	Steel scrap No1 heavy melt, consumer buying price, delivered mill Monterrey, peso/tonne	18 Jan 2022	7850	9.79%	Dec 2021	6850
MB-STE-0539	Steel scrap No1 busheling, consumer buying price, delivered mill Monterrey, \$/tonne	18 Jan 2022	525	-1.87%	Dec 2021	519
MB-STE-0540	Steel scrap No1 busheling, consumer buying price, delivered mill Monterrey, peso/tonne	18 Jan 2022	10700	-2.28%	Dec 2021	10950
MB-STE-0541	Steel scrap machine shop turnings, consumer buying price, delivered mill Monterrey, \$/tonne	18 Jan 2022	324	0.62%	Dec 2021	312.75
MB-STE-0542	Steel scrap machine shop turnings, consumer buying price, delivered mill Monterrey, peso/tonne	18 Jan 2022	6600	0.00%	Dec 2021	6600
MB-STE-0535	Steel scrap shredded auto scrap, consumer buying price, delivered mill Monterrey, \$/tonne	18 Jan 2022	530	0.57%	Dec 2021	512
MB-STE-0536	Steel scrap shredded auto scrap, consumer buying price, delivered mill Monterrey, peso/tonne	18 Jan 2022	10800	0.00%	Dec 2021	10800
MB-STE-0537	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Monterrey, \$/tonne	18 Jan 2022	517	2.78%	Dec 2021	465.75
MB-STE-0538	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Monterrey, peso/tonne	18 Jan 2022	10550	2.43%	Dec 2021	9825

Montreal

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0789	Steel scrap No1 heavy melting, consumer buying price, fob Montreal, Canadian \$/net ton	13 Jan 2022	365	-16.09%	Dec 2021	435
MB-STE-0790	Steel scrap No1 busheling, consumer buying price, fob Montreal, Canadian \$/net ton	13 Jan 2022	487	-12.57%	Dec 2021	557
MB-STE-0848	Steel scrap No2 bundles, consumer buying price, fob Montreal, Canadian \$/net ton	13 Jan 2022	300	-13.04%	Dec 2021	345
MB-STE-0792	Steel scrap machine shop turnings, consumer buying price, fob Montreal, Canadian \$/net ton	13 Jan 2022	295	-19.18%	Dec 2021	365

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0793	Steel scrap cut structural/plate 5ft max, consumer buying price, fob Montreal, Canadian \$/net ton	13 Jan 2022	405	-14.74%	Dec 2021	475

New York

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0379	Steel scrap No1 heavy melt, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	360	-1.37%	Dec 2021	372.5
MB-STE-0418	Steel scrap HMS 1&2 (80:20), export index, fob New York, \$/tonne	19 Jan 2022	427	0.00%	Dec 2021	432.5
MB-STE-0380	Steel scrap No2 bundles, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	310	-1.59%	Dec 2021	322.5
MB-STE-0381	Steel scrap machine shop turnings, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	255	-1.92%	Dec 2021	267.5
MB-STE-0419	Steel scrap shredded scrap, export index, fob New York, \$/tonne	19 Jan 2022	432.5	0.00%	Dec 2021	449.5
MB-STE-0384	Steel scrap auto bodies, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	340	-1.45%	Dec 2021	352.5
MB-STE-0383	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	375	-1.32%	Dec 2021	387.5
MB-STE-0382	Steel scrap mixed cast, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	355	-1.39%	Dec 2021	367.5
MB-STE-0385	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	370	-1.33%	Dec 2021	382.5

North Carolina/Virginia

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0280	Steel scrap No1 heavy melt, consumer buying price, delivered mill North Carolina/Virginia, \$/gross ton	10 Jan 2022	410	-10.87%	Dec 2021	460
MB-STE-0281	Steel scrap No1 busheling, consumer buying price, delivered mill North Carolina/Virginia, \$/gross ton	10 Jan 2022	500	-9.09%	Dec 2021	550
MB-STE-0283	Steel scrap machine shop turnings, consumer buying price, delivered mill North Carolina/Virginia, \$/gross ton	10 Jan 2022	325	-13.33%	Dec 2021	375
MB-STE-0282	Steel scrap, shredded auto scrap, consumer buying price, delivered mill North Carolina/Virginia, \$/gross ton	10 Jan 2022	440	-10.20%	Dec 2021	490
MB-STE-0284	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill North Carolina/Virginia, \$/gross ton	10 Jan 2022	420	-10.64%	Dec 2021	470

Philadelphia

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0285	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	395	-10.23%	Dec 2021	440
MB-STE-0386	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Philadelphia, \$/gross ton	18 Jan 2022	365	0.00%	Dec 2021	372.5
MB-STE-0288	Steel scrap No1 busheling, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	505	-8.18%	Dec 2021	550
MB-STE-0286	Steel scrap No1 bundles, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	505	-8.18%	Dec 2021	550



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0287	Steel scrap No2 bundles, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	355	-11.25%	Dec 2021	400
MB-STE-0387	Steel scrap No2 bundles, export yard buying price, delivered to yard Philadelphia, \$/gross ton	18 Jan 2022	290	0.00%	Dec 2021	297.5
MB-STE-0290	Steel scrap machine shop turnings, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	275	-17.91%	Dec 2021	335
MB-STE-0289	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	470	-8.74%	Dec 2021	515
MB-STE-0390	Steel scrap auto bodies, export yard buying price, delivered to yard Philadelphia, \$/gross ton	18 Jan 2022	330	0.00%	Dec 2021	337.5
MB-STE-0297	Steel scrap unstripped motor blocks, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	415	-9.78%	Dec 2021	460
MB-STE-0389	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Philadelphia, \$/gross ton	18 Jan 2022	360	0.00%	Dec 2021	367.5
MB-STE-0295	Steel scrap cupola cast, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	410	-9.89%	Dec 2021	455
MB-STE-0296	Steel scrap clean auto cast, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	405	-10.00%	Dec 2021	450
MB-STE-0298	Steel scrap heavy breakable cast, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	361	-11.08%	Dec 2021	406
MB-STE-0299	Steel scrap drop broken machinery, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	466	-8.81%	Dec 2021	511
MB-STE-0300	Steel scrap rail crops 2ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	530	-7.83%	Dec 2021	575
MB-STE-0301	Steel scrap random rails, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	505	-8.18%	Dec 2021	550
MB-STE-0291	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	520	-7.96%	Dec 2021	565
MB-STE-0292	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	415	-9.78%	Dec 2021	460
MB-STE-0293	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	405	-10.00%	Dec 2021	450
MB-STE-0391	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Philadelphia, \$/gross ton	18 Jan 2022	375	0.00%	Dec 2021	382.5

Pittsburgh

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0303	Steel scrap No1 heavy melt, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	415	-12.63%	Dec 2021	475
MB-STE-0306	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	550	-9.84%	Dec 2021	610
MB-STE-0304	Steel scrap No1 bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	531	-10.15%	Dec 2021	591
MB-STE-0305	Steel scrap No2 bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	329	-15.42%	Dec 2021	389
MB-STE-0307	Steel scrap No1 industrial bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	557	-9.72%	Dec 2021	617
MB-STE-0321	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	320	-15.79%	Dec 2021	380

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0309	Steel scrap machine shop turnings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	315	-16.00%	Dec 2021	375
MB-STE-0308	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	470	-11.32%	Dec 2021	530
MB-STE-0310	Steel scrap cast iron borings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	270	-18.18%	Dec 2021	330
MB-STE-0388	Steel scrap mixed cast, export yard buying price, delivered to yard Philadelphia, \$/gross ton	18 Jan 2022	365	0.00%	Dec 2021	372.5
MB-STE-0311	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	465	-11.43%	Dec 2021	525
MB-STE-0312	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	445	-11.88%	Dec 2021	505
MB-STE-0598	Steel scrap punchings and plate, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	777	-6.61%	Dec 2021	832

Seattle/Portland

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0409	Steel scrap No1 heavy melt, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	10 Jan 2022	(28)		Dec 2021	0
MB-STE-0411	Steel scrap machine shop turnings, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	10 Jan 2022	(28)		Dec 2021	0
MB-STE-0410	Steel scrap shredded auto scrap, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	10 Jan 2022	(28)		Dec 2021	0
MB-STE-0412	Steel scrap cut structural/plate 5ft max, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	10 Jan 2022	(28)		Dec 2021	0

South Carolina

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0322	Steel scrap No1 heavy melt, consumer buying price, delivered mill South Carolina, \$/gross ton	10 Jan 2022	410	-10.87%	Dec 2021	460
MB-STE-0323	Steel scrap No1 busheling, consumer buying price, delivered mill South Carolina, \$/gross ton	10 Jan 2022	500	-9.09%	Dec 2021	550
MB-STE-0324	Steel scrap shredded auto scrap, consumer buying price, delivered mill South Carolina, \$/gross ton	10 Jan 2022	440	-10.20%	Dec 2021	490
MB-STE-0326	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill South Carolina, \$/gross ton	10 Jan 2022	420	-10.64%	Dec 2021	470
MB-STE-0325	Steel scrap machine shop turnings, consumer buying price, delivered mill South Carolina, \$/gross ton	10 Jan 2022	325	-13.33%	Dec 2021	375

St Louis

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0355	Steel scrap No1 heavy melt, dealer selling price, fob dealer yard St Louis, \$/gross ton	11 Jan 2022	338	-15.08%	Dec 2021	398
MB-STE-0357	Steel scrap No1 busheling, dealer selling price, fob dealer yard St Louis, \$/gross ton	11 Jan 2022	488	-10.95%	Dec 2021	548
MB-STE-0356	Steel scrap No1 bundles, dealer selling price, fob dealer yard St Louis, \$/gross ton	11 Jan 2022	488	-10.95%	Dec 2021	548

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0359	Steel scrap machine shop turnings, dealer selling price, fob dealer yard St Louis, \$/gross ton	11 Jan 2022	210	-20.75%	Dec 2021	265
MB-STE-0358	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard St Louis, \$/gross ton	11 Jan 2022	401	-13.02%	Dec 2021	461
MB-STE-0360	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard St Louis, \$/gross ton	11 Jan 2022	353	-14.53%	Dec 2021	413

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	14 Jan 2022	410	-14.58%	Dec 2021	
MB-STE-0529	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, \$/gross ton, weekly composite	14 Jan 2022	395	-10.23%	Dec 2021	
MB-STE-0530	Steel scrap No1 heavy melt, consumer buying price, delivered mill Pittsburgh, \$/gross ton, weekly composite	14 Jan 2022	415	-12.63%	Dec 2021	
MB-STE-0531	Steel scrap No1 heavy melt, consumer buying price, delivered mill, \$/gross ton, weekly composite	14 Jan 2022	406.67	-12.54%	Dec 2021	
MB-STE-0524	Steel scrap No1 busheling, consumer buying price, delivered mill Chicago, \$/gross ton, weekly composite	14 Jan 2022	520	-10.34%	Dec 2021	
MB-STE-0525	Steel scrap No1 busheling, consumer buying price, delivered mill Cleveland, \$/gross ton, weekly composite	14 Jan 2022	580	-9.38%	Dec 2021	
MB-STE-0526	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, \$/gross ton, weekly composite	14 Jan 2022	550	-9.84%	Dec 2021	
MB-STE-0527	Steel scrap No1 busheling, consumer buying price, delivered mill, \$/gross ton, weekly composite	14 Jan 2022	550	-9.84%	Dec 2021	
MB-STE-0427	Steel scrap Shredded auto, daily composite, delivered mill US, \$/gross ton	20 Jan 2022	472	0.00%	Dec 2021	525.44
MB-STE-0519	Steel scrap shredded auto scrap, consumer buying price, delivered mill Alabama, \$/gross ton, weekly composite	14 Jan 2022	468	-9.65%	Dec 2021	
MB-STE-0520	Steel scrap shredded auto scrap, consumer buying price, delivered mill Chicago, \$/gross ton, weekly composite	14 Jan 2022	480	-11.11%	Dec 2021	
MB-STE-0521	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, \$/gross ton, weekly composite	14 Jan 2022	470	-8.74%	Dec 2021	
MB-STE-0522	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, \$/gross ton, weekly composite	14 Jan 2022	470	-11.32%	Dec 2021	
MB-STE-0523	Steel scrap shredded auto scrap, consumer buying price, delivered mill, \$/gross ton, weekly composite	14 Jan 2022	472	-10.22%	Dec 2021	
MB-STE-0426	Steel scrap No1 heavy melt, daily composite, delivered mill US, \$/gross ton	20 Jan 2022	406.67	0.00%	Dec 2021	465
MB-STE-0428	Steel scrap No1 busheling, daily composite, delivered mill US, \$/gross ton	20 Jan 2022	550	0.00%	Dec 2021	610

US steel scrap shredder feed prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0786	Steel scrap shredder feed, fob Ohio Valley, \$/gross ton	18 Jan 2022	214.55	-0.20%	Dec 2021	234.7
MB-STE-0787	Steel scrap shredder feed, fob Midwest, \$/gross ton	18 Jan 2022	188.64	-5.60%	Dec 2021	220.07
MB-STE-0788	Steel scrap shredder feed, fob Southeast, \$/gross ton	18 Jan 2022	166.98	-2.67%	Dec 2021	186.71



Boston stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0178	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Boston, US cents/lb	18 Jan 2022	26 - 27	-18.46%	Dec 2021	32 - 33
MB-ST5-0056	Stainless steel scrap 430 bundles, export yard buying price, delivered to yard Boston, \$/gross ton	18 Jan 2022	582 - 605	-18.48%	Dec 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	04 Jan 2022	1478 - 1702	6.75%	Dec 2021	1366 - 1613
MB-ST5-0063	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Chicago, US cents/lb	04 Jan 2022	66 - 76	6.77%	Dec 2021	61 - 72
MB-ST5-0190	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, US cents/lb	18 Jan 2022	95 - 97	1.05%	Dec 2021	90.25 - 93.25
MB-ST5-0068	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, \$/gross ton	18 Jan 2022	2128 - 2173	1.06%	Dec 2021	2021.75 - 2088.75
MB-ST5-0186	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Chicago, \$/gross ton	04 Jan 2022	1568 - 1859	6.99%	Dec 2021	1478 - 1725
MB-ST5-0064	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Chicago, US cents/lb	04 Jan 2022	70 - 83	6.99%	Dec 2021	66 - 77
MB-ST5-0189	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, US cents/lb	18 Jan 2022	101 - 103	1.49%	Dec 2021	95.5 - 98.25
MB-ST5-0067	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, \$/gross ton	18 Jan 2022	2262 - 2307	1.47%	Dec 2021	2139.25 - 2200.75
MB-ST5-0184	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Chicago, \$/gross ton	04 Jan 2022	1568 - 1859	6.99%	Dec 2021	1478 - 1725
MB-ST5-0062	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	04 Jan 2022	70 - 83	6.99%	Dec 2021	66 - 77
MB-ST5-0191	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, US cents/lb	18 Jan 2022	35 - 40	0.00%	Dec 2021	35 - 38
MB-ST5-0069	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, \$/gross ton	18 Jan 2022	784 - 896	0.00%	Dec 2021	784.25 - 851.5
MB-ST5-0187	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Chicago, \$/gross ton	04 Jan 2022	515 - 582	-5.84%	Dec 2021	538 - 627
MB-ST5-0065	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Chicago, US cents/lb	04 Jan 2022	23 - 26	-5.77%	Dec 2021	24 - 28
MB-ST5-0192	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Chicago, US cents/lb	18 Jan 2022	30 - 33	-4.55%	Dec 2021	30.25 - 33.5
MB-ST5-0070	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Chicago, \$/gross ton	18 Jan 2022	672 - 739	-4.60%	Dec 2021	677.5 - 750.5
MB-ST5-0194	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Chicago, US cents/lb	18 Jan 2022	26 - 31	-1.72%	Dec 2021	26.25 - 29
MB-ST5-0072	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Chicago, \$/gross ton	18 Jan 2022	582 - 694	-1.77%	Dec 2021	588 - 649.5
MB-ST5-0193	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Chicago, US cents/lb	18 Jan 2022	31 - 36	3.08%	Dec 2021	31.5 - 34
MB-ST5-0071	Stainless steel scrap 409 bundles, broker buying price, delivered to processor Chicago, \$/gross ton	18 Jan 2022	694 - 806	3.02%	Dec 2021	705.25 - 761.5



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0183	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Chicago, \$/gross ton	04 Jan 2022	2374 - 2464	9.63%	Dec 2021	1971 - 2442
MB-ST5-0061	Stainless steel scrap 316 solids, dealer buying price, delivered to yard Chicago, US cents/lb	04 Jan 2022	106 - 110	9.64%	Dec 2021	88 - 109
MB-ST5-0066	Stainless steel scrap 316 solids, broker buying price, delivered to processor Chicago, \$/gross ton	18 Jan 2022	2957 - 3136	1.50%	Dec 2021	2856 - 3001.5
MB-ST5-0188	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Chicago, US cents/lb	18 Jan 2022	132 - 140	1.49%	Dec 2021	127.5 - 134

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	04 Jan 2022	1456 - 1568	6.29%	Dec 2021	1389 - 1456
MB-ST5-0202	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Cleveland, US cents/lb	18 Jan 2022	95 - 97	0.52%	Dec 2021	90 - 93.25
MB-ST5-0201	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Cleveland, US cents/lb	18 Jan 2022	101 - 103	0.99%	Dec 2021	95.25 - 98.5
MB-ST5-0079	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Cleveland, \$/gross ton	18 Jan 2022	2262 - 2307	0.97%	Dec 2021	2133.75 - 2206.5
MB-ST5-0196	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Cleveland, \$/gross	04 Jan 2022	1568 - 1680	6.63%	Dec 2021	1478 - 1568
MB-ST5-0074	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Cleveland, US cents/lb	04 Jan 2022	70 - 75	6.62%	Dec 2021	66 - 70
MB-ST5-0075	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Cleveland, US cents/lb	04 Jan 2022	65 - 70	6.30%	Dec 2021	62 - 65
MB-ST5-0080	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Cleveland, \$/gross ton	18 Jan 2022	2128 - 2173	0.54%	Dec 2021	2016 - 2088.75
MB-ST5-0198	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Cleveland, \$/gross	04 Jan 2022	1568 - 1680	6.63%	Dec 2021	1478 - 1568
MB-ST5-0076	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Cleveland, US cents/lb	04 Jan 2022	70 - 75	6.62%	Dec 2021	66 - 70
MB-ST5-0199	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Cleveland, \$/gross	04 Jan 2022	448 - 560	-2.14%	Dec 2021	448 - 582
MB-ST5-0077	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Cleveland, US cents/lb	04 Jan 2022	20 - 25	-2.17%	Dec 2021	20 - 26
MB-ST5-0195	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Cleveland, \$/gross	04 Jan 2022	2016 - 2464	12.37%	Dec 2021	1904 - 2083
MB-ST5-0200	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Cleveland, US cents/lb	18 Jan 2022	132 - 140	0.74%	Dec 2021	127.5 - 134.25
MB-ST5-0078	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Cleveland, \$/gross ton	18 Jan 2022	2957 - 3136	0.74%	Dec 2021	2856 - 3007.25
MB-ST5-0073	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Cleveland, US cents/lb	04 Jan 2022	90 - 110	12.36%	Dec 2021	85 - 93

Detroit stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0205	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Detroit, \$/gross ton	04 Jan 2022	1478 - 1568	10.56%	Dec 2021	1366 - 1389



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0083	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Detroit, US cents/lb	04 Jan 2022	66 - 70	10.57%	Dec 2021	61 - 62
MB-ST5-0210	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, US cents/lb	18 Jan 2022	95 - 100	3.17%	Dec 2021	90.25 - 93.25
MB-ST5-0088	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, \$/gross ton	18 Jan 2022	2128 - 2240	3.19%	Dec 2021	2021.75 - 2088.75
MB-ST5-0206	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Detroit, \$/gross ton	04 Jan 2022	1568 - 1792	11.96%	Dec 2021	1478 - 1523
MB-ST5-0084	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Detroit, US cents/lb	04 Jan 2022	70 - 80	11.94%	Dec 2021	66 - 68
MB-ST5-0209	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, US cents/lb	18 Jan 2022	100 - 103	0.50%	Dec 2021	95.5 - 98.5
MB-ST5-0087	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, \$/gross ton	18 Jan 2022	2240 - 2307	0.49%	Dec 2021	2139.25 - 2206.5
MB-ST5-0204	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Detroit, \$/gross ton	04 Jan 2022	1568 - 1792	11.96%	Dec 2021	1478 - 1523
MB-ST5-0082	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	04 Jan 2022	70 - 80	11.94%	Dec 2021	66 - 68
MB-ST5-0207	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Detroit, \$/gross ton	04 Jan 2022	538 - 560	-1.96%	Dec 2021	538 - 582
MB-ST5-0085	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Detroit, US cents/lb	04 Jan 2022	24 - 25	-2.00%	Dec 2021	24 - 26
MB-ST5-0211	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Detroit, US cents/lb	18 Jan 2022	34 - 39	0.00%	Dec 2021	36 - 37.75
MB-ST5-0089	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Detroit, \$/gross ton	18 Jan 2022	762 - 874	0.00%	Dec 2021	806.25 - 845.75
MB-ST5-0212	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Detroit, US cents/lb	18 Jan 2022	30 - 33	-1.56%	Dec 2021	31.5 - 33.25
MB-ST5-0213	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Detroit, US cents/lb	18 Jan 2022	27 - 28	-6.78%	Dec 2021	26.75 - 28.5
MB-ST5-0091	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Detroit, \$/gross ton	18 Jan 2022	605 - 627	-6.74%	Dec 2021	599 - 638.25
MB-ST5-0090	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Detroit, \$/gross ton	18 Jan 2022	672 - 739	-1.60%	Dec 2021	705.5 - 744.75
MB-ST5-0208	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Detroit, US cents/lb	18 Jan 2022	132 - 140	-0.37%	Dec 2021	127 - 134
MB-ST5-0086	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Detroit, \$/gross ton	18 Jan 2022	2957 - 3136	-0.36%	Dec 2021	2844.75 - 3001.5
MB-ST5-0203	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Detroit, \$/gross ton	04 Jan 2022	2374 - 2576	22.10%	Dec 2021	1971 - 2083
MB-ST5-0081	Stainless steel scrap 316 solids, dealer buying price, delivered to yard Detroit, US cents/lb	04 Jan 2022	106 - 115	22.10%	Dec 2021	88 - 93

East Coast stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0297	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard East Coast, \$/gross ton	04 Jan 2022	1680 - 1747	6.26%	Dec 2021	1478 - 1747
MB-ST5-0287	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard East Coast, US cents/lb	04 Jan 2022	75 - 78	6.25%	Dec 2021	66 - 78



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0295	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard East Coast, \$/gross ton	04 Jan 2022	1680 - 1747	1.33%	Dec 2021	1635 - 1747
MB-ST5-0285	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard East Coast, US cents/lb	04 Jan 2022	75 - 78	1.32%	Dec 2021	73 - 78
MB-ST5-0286	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard East Coast, US cents/lb	04 Jan 2022	66 - 68	0.00%	Dec 2021	66 - 68
MB-ST5-0296	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard East Coast, \$/gross ton	04 Jan 2022	1478 - 1523	0.00%	Dec 2021	1478 - 1523
MB-ST5-0298	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard East Coast, \$/gross ton	04 Jan 2022	493 - 560	-7.87%	Dec 2021	538 - 605
MB-ST5-0288	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard East Coast, US cents/lb	04 Jan 2022	22 - 25	-7.84%	Dec 2021	24 - 27
MB-ST5-0294	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard East Coast, \$/gross ton	04 Jan 2022	2262 - 2464	11.65%	Dec 2021	1971 - 2262
MB-ST5-0284	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard East Coast, US cents/lb	04 Jan 2022	101 - 110	11.64%	Dec 2021	88 - 101

Houston stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0218	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Houston, US cents/lb	18 Jan 2022	100 - 103	2.53%	Dec 2021	94.75 - 96.75
MB-ST5-0096	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Houston, \$/gross ton	18 Jan 2022	2240 - 2307	2.53%	Dec 2021	2122.5 - 2167.25
MB-ST5-0215	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Houston, \$/gross ton	04 Jan 2022	1568 - 1680	3.57%	Dec 2021	1344 - 1792
MB-ST5-0093	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	04 Jan 2022	70 - 75	3.57%	Dec 2021	60 - 80
MB-ST5-0219	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Houston, US cents/lb	18 Jan 2022	92 - 96	1.62%	Dec 2021	88.5 - 90.75
MB-ST5-0097	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Houston, \$/gross ton	18 Jan 2022	2061 - 2150	1.62%	Dec 2021	1982.5 - 2033
MB-ST5-0216	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Houston, \$/gross ton	04 Jan 2022	1232 - 1456	-12.41%	Dec 2021	1389 - 1680
MB-ST5-0094	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Houston, US cents/lb	04 Jan 2022	55 - 65	-12.41%	Dec 2021	62 - 75
MB-ST5-0220	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Houston, US cents/lb	18 Jan 2022	33 - 34	-8.22%	Dec 2021	32.5 - 35
MB-ST5-0098	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Houston, \$/gross ton	18 Jan 2022	739 - 762	-8.20%	Dec 2021	727.75 - 784.25
MB-ST5-0221	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Houston, US cents/lb	18 Jan 2022	30 - 31	7.02%	Dec 2021	24.75 - 26.25
MB-ST5-0099	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Houston, \$/gross ton	18 Jan 2022	672 - 694	6.97%	Dec 2021	554.25 - 588.25
MB-ST5-0214	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Houston, \$/gross ton	04 Jan 2022	2397 - 2419	10.26%	Dec 2021	2016 - 2352
MB-ST5-0092	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	04 Jan 2022	107 - 108	10.26%	Dec 2021	90 - 105
MB-ST5-0217	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Houston, US cents/lb	18 Jan 2022	135 - 140	1.48%	Dec 2021	132.25 - 136



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0095	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Houston, \$/gross ton	18 Jan 2022	3024 - 3136	1.47%	Dec 2021	2962.5 - 3046.25

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	18 Jan 2022	51.34 - 53.37	-0.27%	Dec 2021	49.39 - 51.62
MB-ST5-0105	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Los Angeles, \$/gross ton	18 Jan 2022	1150 - 1195	-0.30%	Dec 2021	1106.25 - 1156.25
MB-ST5-0226	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Los Angeles, US cents/lb	18 Jan 2022	71.43 - 72.55	0.00%	Dec 2021	69.48 - 70.59
MB-ST5-0104	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Los Angeles, \$/gross ton	18 Jan 2022	1600 - 1625	0.00%	Dec 2021	1556.25 - 1581.25
MB-ST5-0228	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Los Angeles, US cents/lb	18 Jan 2022	16.52 - 17.41	0.00%	Dec 2021	15.41 - 16.3
MB-ST5-0106	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Los Angeles, \$/gross ton	18 Jan 2022	370 - 390	0.00%	Dec 2021	345 - 365

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	04 Jan 2022	2016 - 2038	7.08%	Dec 2021	1725 - 2061
MB-ST5-0253	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Montreal, Canadian \$/gross ton	04 Jan 2022	2195 - 2218	-2.48%	Dec 2021	2173 - 2352
MB-ST5-0131	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	04 Jan 2022	98 - 99	-2.48%	Dec 2021	97 - 105
MB-ST5-0130	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	04 Jan 2022	90 - 91	7.10%	Dec 2021	77 - 92
MB-ST5-0129	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	04 Jan 2022	98 - 99	-2.48%	Dec 2021	97 - 105
MB-ST5-0251	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Montreal, Canadian \$/gross ton	04 Jan 2022	2195 - 2218	-2.48%	Dec 2021	2173 - 2352
MB-ST5-0128	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	04 Jan 2022	133 - 134	-4.98%	Dec 2021	135 - 146
MB-ST5-0250	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Montreal, Canadian \$/gross ton	04 Jan 2022	2979 - 3002	-4.97%	Dec 2021	3024 - 3270

New York stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0236	Stainless steel scrap 304 turnings, broker buying price, delivered to processor New York, US cents/lb	18 Jan 2022	95 - 97	3.23%	Dec 2021	88 - 92.25
MB-ST5-0114	Stainless steel scrap 304 turnings, broker buying price, delivered to processor New York, \$/gross ton	18 Jan 2022	2128 - 2173	3.24%	Dec 2021	1971 - 2066.25
MB-ST5-0116	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	1994 - 2016	4.37%	Dec 2021	1904 - 1938



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0238	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, US cents/lb	18 Jan 2022	89 - 90	4.37%	Dec 2021	85 - 86.5
MB-ST5-0235	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor New York, US cents/lb	18 Jan 2022	101 - 103	0.99%	Dec 2021	95.5 - 98.5
MB-ST5-0113	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor New York, \$/gross ton	18 Jan 2022	2262 - 2307	0.97%	Dec 2021	2139.25 - 2206.5
MB-ST5-0237	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, US cents/lb	18 Jan 2022	95 - 95.5	0.79%	Dec 2021	93.5 - 95.13
MB-ST5-0115	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	2128 - 2139	0.78%	Dec 2021	2094.5 - 2131
MB-ST5-0239	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, US cents/lb	18 Jan 2022	26 - 27	-18.46%	Dec 2021	32 - 33
MB-ST5-0117	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	582 - 605	-18.48%	Dec 2021	717 - 739
MB-ST5-0234	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor New York, US cents/lb	18 Jan 2022	132 - 142	-1.44%	Dec 2021	125.5 - 133.5
MB-ST5-0112	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor New York, \$/gross ton	18 Jan 2022	2957 - 3181	-1.43%	Dec 2021	2811.25 - 2990.25

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	18 Jan 2022	89 - 90	4.37%	Dec 2021	85 - 86.5
MB-ST5-0119	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Philadelphia, \$/gross ton	18 Jan 2022	1994 - 2016	4.37%	Dec 2021	1904 - 1938
MB-ST5-0240	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Philadelphia, US cents/lb	18 Jan 2022	95 - 95.5	0.79%	Dec 2021	93.5 - 95.13
MB-ST5-0118	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Philadelphia, \$/gross ton	18 Jan 2022	2128 - 2139	0.78%	Dec 2021	2094.5 - 2131
MB-ST5-0242	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Philadelphia, US cents/lb	18 Jan 2022	26 - 27	-18.46%	Dec 2021	32 - 33
MB-ST5-0120	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Philadelphia, \$/gross ton	18 Jan 2022	582 - 605	-18.48%	Dec 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	04 Jan 2022	55 - 67	8.93%	Dec 2021	50 - 62
MB-ST5-0164	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	04 Jan 2022	1232 - 1501	8.93%	Dec 2021	1120 - 1389
MB-ST5-0169	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	18 Jan 2022	95 - 97	1.59%	Dec 2021	89 - 93.25
MB-ST5-0047	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, \$/gross ton	18 Jan 2022	2128 - 2173	1.61%	Dec 2021	1993.5 - 2088.75
MB-ST5-0256	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Jan 2022	86.4 - 87.3	-0.61%	Dec 2021	87 - 87.75
MB-ST5-0134	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	1935 - 1956	-0.61%	Dec 2021	1949 - 1966



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0168	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, US cents/lb	18 Jan 2022	101 - 103	2.00%	Dec 2021	94.75 - 98.5
MB-ST5-0255	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Jan 2022	95 - 97	-0.78%	Dec 2021	96 - 97.5
MB-ST5-0163	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	04 Jan 2022	1344 - 1680	17.39%	Dec 2021	1008 - 1568
MB-ST5-0041	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	04 Jan 2022	60 - 75	17.39%	Dec 2021	45 - 70
MB-ST5-0046	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, \$/gross ton	18 Jan 2022	2262 - 2307	1.99%	Dec 2021	2122.75 - 2206.5
MB-ST5-0133	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	2128 - 2173	-0.76%	Dec 2021	2150 - 2184
MB-ST5-0165	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	04 Jan 2022	1344 - 1680	17.39%	Dec 2021	1008 - 1568
MB-ST5-0043	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	04 Jan 2022	60 - 75	17.39%	Dec 2021	45 - 70
MB-ST5-0171	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	18 Jan 2022	32 - 33	8.33%	Dec 2021	29.5 - 33
MB-ST5-0049	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Pittsburgh, \$/gross ton	18 Jan 2022	717 - 739	8.33%	Dec 2021	660.75 - 739.5
MB-ST5-0257	Stainless steel scrap 430 bundles, solids, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Jan 2022	31.71 - 33.26	-4.89%	Dec 2021	33.71 - 34.6
MB-ST5-0170	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, US cents/lb	18 Jan 2022	37 - 38	2.74%	Dec 2021	35 - 37.75
MB-ST5-0048	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, \$/gross ton	18 Jan 2022	829 - 851	2.69%	Dec 2021	784 - 845.75
MB-ST5-0135	Stainless steel scrap 430 bundles, solids, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	710 - 745	-4.90%	Dec 2021	755 - 775
MB-ST5-0166	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	04 Jan 2022	336 - 560	-2.40%	Dec 2021	336 - 582
MB-ST5-0044	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	04 Jan 2022	15 - 25	-2.44%	Dec 2021	15 - 26
MB-ST5-0172	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Pittsburgh, US cents/lb	18 Jan 2022	32 - 33	3.17%	Dec 2021	30.75 - 33.25
MB-ST5-0258	Stainless steel scrap 409 bundles, solids, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Jan 2022	27.24 - 28.13	-5.66%	Dec 2021	29.24 - 29.46
MB-ST5-0136	Stainless steel scrap 409 bundles, solids, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	610 - 630	-5.70%	Dec 2021	655 - 660
MB-ST5-0173	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	18 Jan 2022	27 - 28	-3.51%	Dec 2021	25.25 - 28.25
MB-ST5-0050	Stainless steel scrap 409 bundles, broker buying price, delivered to processor Pittsburgh, \$/gross ton	18 Jan 2022	717 - 739	3.12%	Dec 2021	688.75 - 744.75
MB-ST5-0051	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Pittsburgh, \$/gross ton	18 Jan 2022	605 - 627	-3.45%	Dec 2021	565.5 - 632.75
MB-ST5-0167	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Pittsburgh, US cents/lb	18 Jan 2022	132 - 140	-0.37%	Dec 2021	127.5 - 134
MB-ST5-0254	Stainless steel scrap 316 solids, clips, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Jan 2022	137.5 - 138	-0.36%	Dec 2021	138 - 138.5
MB-ST5-0162	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	04 Jan 2022	1792 - 2464	13.10%	Dec 2021	1680 - 2083



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0040	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	04 Jan 2022	80 - 110	13.10%	Dec 2021	75 - 93
MB-ST5-0132	Stainless steel scrap 316 solids, clips, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	3080 - 3091	-0.36%	Dec 2021	3091 - 3102
MB-ST5-0045	Stainless steel scrap 316 solids, broker buying price, delivered to processor Pittsburgh, \$/gross ton	18 Jan 2022	2957 - 3136	-0.36%	Dec 2021	2856 - 3001.5

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	18 Jan 2022	51.34 - 53.57	0.00%	Dec 2021	49.39 - 51.62
MB-ST5-0126	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard San Francisco, \$/gross ton	18 Jan 2022	1150 - 1200	0.00%	Dec 2021	1106.25 - 1156.25
MB-ST5-0247	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard San Francisco, US cents/lb	18 Jan 2022	71.43 - 72.55	0.00%	Dec 2021	69.48 - 70.59
MB-ST5-0125	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard San Francisco, \$/gross ton	18 Jan 2022	1600 - 1625	0.00%	Dec 2021	1556.25 - 1581.25
MB-ST5-0249	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard San Francisco, US cents/lb	18 Jan 2022	16.52 - 17.41	0.00%	Dec 2021	15.41 - 16.3
MB-ST5-0127	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard San Francisco, \$/gross ton	18 Jan 2022	370 - 390	0.00%	Dec 2021	345 - 365

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	18 Jan 2022	95 - 97	1.59%	Dec 2021	90.25 - 93.25
MB-ST5-0139	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Southeast US, \$/gross ton	18 Jan 2022	2128 - 2173	1.61%	Dec 2021	2021.5 - 2088.75
MB-ST5-0147	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Southeast US, US cents/lb	04 Jan 2022	38 - 75	13.00%	Dec 2021	38 - 62
MB-ST5-0159	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Southeast US, \$/gross ton	04 Jan 2022	851 - 1680	12.99%	Dec 2021	851 - 1389
MB-ST5-0138	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Southeast US, \$/gross ton	18 Jan 2022	2240 - 2307	0.49%	Dec 2021	2139.25 - 2206.5
MB-ST5-0150	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Southeast US, US cents/lb	18 Jan 2022	100 - 103	0.50%	Dec 2021	95.5 - 98.5
MB-ST5-0158	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Southeast US, \$/gross ton	04 Jan 2022	1120 - 1904	13.43%	Dec 2021	1120 - 1546
MB-ST5-0146	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Southeast US, US cents/lb	04 Jan 2022	50 - 85	13.45%	Dec 2021	50 - 69
MB-ST5-0145	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Southeast US, US cents/lb	04 Jan 2022	50 - 85	13.45%	Dec 2021	50 - 69
MB-ST5-0157	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Southeast US, \$/gross ton	04 Jan 2022	1120 - 1904	13.43%	Dec 2021	1120 - 1546
MB-ST5-0161	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Southeast US, \$/gross ton	04 Jan 2022	403 - 560	-2.23%	Dec 2021	403 - 582
MB-ST5-0155	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Southeast US, US cents/lb	18 Jan 2022	36 - 39	4.17%	Dec 2021	35.75 - 37.75



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0143	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Southeast US, \$/gross ton	18 Jan 2022	806 - 874	4.15%	Dec 2021	800.5 - 845.75
MB-ST5-0144	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Southeast US, \$/gross ton	18 Jan 2022	717 - 739	0.00%	Dec 2021	694 - 739.5
MB-ST5-0156	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	18 Jan 2022	32 - 33	0.00%	Dec 2021	31 - 33
MB-ST5-0149	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Southeast US, US cents/lb	04 Jan 2022	18 - 25	-2.27%	Dec 2021	18 - 26
MB-ST5-0154	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	18 Jan 2022	26 - 28	-6.90%	Dec 2021	26.25 - 28.25
MB-ST5-0142	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Southeast US, \$/gross ton	18 Jan 2022	582 - 627	-6.93%	Dec 2021	587.75 - 632.75
MB-ST5-0141	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Southeast US, \$/gross ton	18 Jan 2022	694 - 762	-1.56%	Dec 2021	705.5 - 744.75
MB-ST5-0153	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Southeast US, US cents/lb	18 Jan 2022	31 - 34	-1.52%	Dec 2021	31.5 - 33.25
MB-ST5-0160	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Southeast US, \$/gross ton	04 Jan 2022	1837 - 2464	8.47%	Dec 2021	1837 - 2128
MB-ST5-0148	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Southeast US, US cents/lb	04 Jan 2022	82 - 110	8.47%	Dec 2021	82 - 95
MB-ST5-0152	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Southeast US, US cents/lb	18 Jan 2022	132 - 140	-0.37%	Dec 2021	127.5 - 134
MB-ST5-0140	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Southeast US, \$/gross ton	18 Jan 2022	2957 - 3136	-0.36%	Dec 2021	2856 - 3001.5

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	04 Jan 2022	762 - 806	2.95%	Dec 2021	739 - 784
MB-ST5-0291	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard West Coast, US cents/lb	04 Jan 2022	34 - 36	2.94%	Dec 2021	33 - 35
MB-ST5-0302	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard West Coast, \$/gross ton	04 Jan 2022	1142 - 1187	2.92%	Dec 2021	1098 - 1165
MB-ST5-0292	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard West Coast, US cents/lb	04 Jan 2022	51 - 53	2.97%	Dec 2021	49 - 52
MB-ST5-0300	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard West Coast, \$/gross ton	04 Jan 2022	1142 - 1187	2.92%	Dec 2021	1098 - 1165
MB-ST5-0290	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard West Coast, US cents/lb	04 Jan 2022	51 - 53	2.97%	Dec 2021	49 - 52
MB-ST5-0299	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard West Coast, \$/gross ton	04 Jan 2022	1434 - 1478	0.00%	Dec 2021	1434 - 1478
MB-ST5-0289	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard West Coast, US cents/lb	04 Jan 2022	64 - 66	0.00%	Dec 2021	64 - 66

Europe domestic

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0431	Steel scrap 12 D new production clean shovellable steel domestic, delivered consumer UK, £/tonne	13 Jan 2022	290 - 305	-1.65%	Dec 2021	295 - 310



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0432	Steel scrap 12 A/C new production heavy steel domestic, delivered consumer UK, £/tonne	13 Jan 2022	285 - 300	-1.68%	Dec 2021	290 - 305
MB-STE-0430	Steel scrap 7B heavy steel turnings inter-merchant, delivered to export dock UK, £/tonne	13 Jan 2022	205 - 220	-2.30%	Dec 2021	210 - 225
MB-STE-0081	Steel scrap 4C new steel bales domestic, delivered consumer UK, £/tonne	13 Jan 2022	280 - 295	-1.71%	Dec 2021	285 - 300
MB-STE-0087	Steel scrap OA plate and structural domestic, delivered consumer UK, £/tonne	13 Jan 2022	245 - 260	-1.94%	Dec 2021	250 - 265
MB-STE-0080	Steel scrap 4A new steel bales domestic, delivered consumer UK, £/tonne	13 Jan 2022	290 - 305	-1.65%	Dec 2021	295 - 310
MB-STE-0084	Steel scrap 8B new loose light cuttings domestic, delivered consumer UK, £/tonne	13 Jan 2022	265 - 280	-1.80%	Dec 2021	270 - 285
MB-STE-0085	Steel scrap 9A/10 heavy and light cast iron domestic, delivered consumer UK, £/tonne	13 Jan 2022	235 - 250	-2.02%	Dec 2021	240 - 255
MB-STE-0078	Steel scrap 11A cast iron borings (low P) domestic, delivered consumer UK, £/tonne	13 Jan 2022	195 - 205	-2.44%	Dec 2021	200 - 210
MB-STE-0086	Steel scrap 9B/C cylinder block scrap domestic, delivered consumer UK, £/tonne	13 Jan 2022	255 - 270	-1.87%	Dec 2021	260 - 275
MB-STE-0083	Steel scrap 8A new loose light cuttings domestic, delivered consumer UK, £/tonne	13 Jan 2022	280 - 295	-1.71%	Dec 2021	285 - 300
MB-STE-0077	Steel scrap 1&2 old steel domestic, delivered consumer UK, £/tonne	13 Jan 2022	225 - 240	-2.11%	Dec 2021	230 - 245
MB-STS-0012	Steel scrap 5C loose old light domestic, delivered inter-merchant UK, £/tonne	14 Jan 2022	180 - 195	0.00%	Dec 2021	185 - 200
MB-STE-0167	Steel scrap No E3 (old thick scrap) domestic, delivered mill Italy, €/tonne	14 Dec 2021	420 - 430	6.25%	Dec 2021	420 - 430
MB-STE-0169	Steel scrap No E3 (old thick steel scrap) domestic, delivered mill Germany, €/tonne	17 Dec 2021	420 - 430	1.19%	Dec 2021	420 - 430
MB-STE-0093	Steel scrap auto bundle scrap domestic, delivered Turkey, lira/tonne	17 Jan 2022	6200 - 6875	1.16%	Dec 2021	5722.5 - 6716.25
MB-STE-0415	Steel scrap E8 thin new production steel domestic, delivered consumer Germany, €/tonne	17 Dec 2021	490 - 500	1.54%	Dec 2021	490 - 500
MB-STE-0168	Steel scrap No E8 (thin new production steel scrap) domestic, delivered mill Italy, €/tonne	14 Dec 2021	490 - 510	6.38%	Dec 2021	490 - 510
MB-STE-0414	Steel scrap E40 shredded domestic, delivered consumer Germany, €/tonne	17 Dec 2021	430 - 440	0.58%	Dec 2021	430 - 440
MB-STE-0849	Steel scrap E40 shredded, delivered to mill Italy, €/tonne	14 Dec 2021	475 - 490	6.04%	Dec 2021	475 - 490

Europe export

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0095	Steel scrap shredded import, cfr delivered Turkish port, \$/tonne	14 Jan 2022	473 - 485	-0.52%	Dec 2021	479.4 - 488.8
MB-STE-0096	Steel scrap HMS 1&2 (75:25 mix) import, cfr delivered Turkish port, \$/tonne	14 Jan 2022	448 - 450	-0.88%	Dec 2021	454.2 - 456.8
MB-STE-0097	Steel scrap HMS 1&2 (75:25 mix) export, fob Rotterdam, \$/tonne	14 Jan 2022	418 - 420	0.96%	Dec 2021	416.2 - 418.8
MB-STE-0098	Steel scrap shredded export, fob Rotterdam, \$/tonne	14 Jan 2022	443 - 445	0.57%	Dec 2021	440.4 - 442.4
MB-STE-0099	Steel scrap shredded export, fob main port UK, \$/tonne	14 Jan 2022	450 - 452	2.04%	Dec 2021	449.2 - 451.6
MB-STE-0100	Steel scrap HMS 1&2 (80:20 mix) export, fob main port UK, \$/tonne	14 Jan 2022	430 - 432	2.13%	Dec 2021	429.2 - 431.6
MB-STE-0416	Steel scrap HMS 1&2 (80:20 mix) North Europe origin, cfr Turkey, \$/tonne	20 Jan 2022	457.87	0.00%	Dec 2021	464.6
MB-STE-0894	Steel scrap, HMS 1&2 (80:20 mix), month-to-date deal-weighted average, North Europe origin, cfr Turkey, \$/tonne	20 Jan 2022	459.58	0.00%	Dec 2021	469.67
MB-STE-0417	Steel scrap HMS 1&2 (80:20 mix) US origin, cfr Turkey, \$/tonne	20 Jan 2022	466.16	0.00%	Dec 2021	472.57



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0420	Steel scrap HMS 1&2 (80:20 mix), fob Rotterdam, \$/tonne	14 Jan 2022	430.61	3.59%	Dec 2021	427.45

European stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0008	Stainless steel scrap 18/8 solids import, cif main European port, €/tonne	14 Jan 2022	1940 - 1990	4.80%	Dec 2021	1846 - 1870
MB-ST5-0011	Stainless steel scrap 18/8 turnings domestic, delivered merchants UK, £/tonne	14 Jan 2022	1350 - 1425	2.97%	Dec 2021	1294 - 1356
MB-ST5-0010	Stainless steel scrap 18/8 solids domestic, delivered merchants UK, £/tonne	14 Jan 2022	1550 - 1640	2.90%	Dec 2021	1488 - 1560
MB-ST5-0009	Stainless steel scrap 18/8 turnings import, cif main European port, €/tonne	14 Jan 2022	1745 - 1790	4.74%	Dec 2021	1681 - 1694
MB-ST5-0013	Stainless steel scrap 12-13% Cr solids domestic, delivered merchants UK, £/tonne	14 Jan 2022	350 - 370	0.00%	Dec 2021	350 - 370
MB-ST5-0014	Stainless steel scrap 16-17% Cr solids domestic, delivered merchants UK, £/tonne	14 Jan 2022	390 - 410	0.00%	Dec 2021	390 - 410
MB-ST5-0261	Stainless steel scrap 316 solids import, cif main port Europe, €/tonne	14 Jan 2022	2720 - 2740	1.87%	Dec 2021	2634 - 2646
MB-ST5-0262	Stainless steel scrap 316 turnings import, cif main port Europe, €/tonne	14 Jan 2022	2450 - 2465	1.87%	Dec 2021	2371 - 2382
MB-ST5-0260	Stainless steel scrap 316 turnings domestic, delivered merchants UK, £/tonne	14 Jan 2022	1960 - 2020	2.05%	Dec 2021	1812 - 1897
MB-ST5-0259	Stainless steel scrap 316 solids domestic, delivered merchants UK, £/tonne	14 Jan 2022	2250 - 2320	2.01%	Dec 2021	2084 - 2180

Asia domestic and export

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0149	Steel scrap heavy scrap domestic, delivered mill China, yuan/tonne	14 Jan 2022	3570 - 3720	0.00%	Dec 2021	3370 - 3476
MB-STE-0889	Steel scrap, index, heavy recycled steel materials, cfr east China, \$/tonne	18 Jan 2022	516.35	-0.29%	Dec 2021	475.18
MB-STE-0895	Steel scrap, index, heavy recycled steel materials, cfr north China, \$/tonne	18 Jan 2022	526.35	-0.29%	Dec 2021	485.18
MB-STE-0464	Steel scrap HMS 1&2 (80:20 mix) US material import, cfr main port Taiwan, \$/tonne	20 Jan 2022	450	0.00%	Dec 2021	446.83 - 449.43
MB-STE-0874	Steel scrap H2 export, fob main port Japan, ¥/tonne	19 Jan 2022	51000 - 51500	1.99%	Dec 2021	47700 - 49100
MB-STE-0875	Steel scrap shredded export, fob main port Japan, ¥/tonne	19 Jan 2022	56500	6.10%	Dec 2021	52400 - 54000
MB-STE-0876	Steel scrap Shindachi bara export, fob main port Japan, ¥/tonne	19 Jan 2022	58500 - 59000	3.98%	Dec 2021	58000 - 59300
MB-STE-0877	Steel scrap heavy scrap (HS) export, fob main port Japan, ¥/tonne	19 Jan 2022	59000	5.83%	Dec 2021	56100 - 58100
MB-STE-0878	Steel scrap H2 Japan-origin import, cfr Vietnam, \$/tonne	14 Jan 2022	495 - 505	2.56%	Dec 2021	488 - 490
MB-STE-0783	Steel scrap HMS 1&2 (80:20), cfr Vietnam, \$/tonne	14 Jan 2022	530	6.00%	Dec 2021	515 - 518
MB-STE-0879	Steel scrap H2 Japan origin import, cfr main port South Korea, ¥/tonne	14 Jan 2022	52500 - 55000	0.00%	Dec 2021	50600 - 51900
MB-STE-0880	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr South Korea, \$/tonne	14 Jan 2022	525	6.06%	Dec 2021	500 - 506
MB-STE-0421	Steel scrap shredded, index, import, cfr Nhava Sheva, India \$/tonne	18 Jan 2022	535.83	0.31%	Dec 2021	529.46
MB-STE-0413	Steel scrap HMS 1&2 (80:20 mix) import, cfr Nhava Sheva, India, \$/tonne	14 Jan 2022	465 - 480	4.42%	Dec 2021	444 - 458
MB-STE-0881	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr Bangladesh, \$/tonne	20 Jan 2022	530 - 550	2.86%	Dec 2021	526 - 541
MB-STE-0884	Steel scrap HMS 1&2 (80:20) containerized import, cfr Bangladesh, \$/tonne	20 Jan 2022	515 - 530	0.77%	Dec 2021	518 - 532.8



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0885	Steel scrap shredded containerized import, cfr Bangladesh, \$/tonne	20 Jan 2022	560 - 575	0.00%	Dec 2021	555 - 560
MB-STE-0886	Steel scrap shredded deep-sea origin import, cfr Bangladesh, \$/tonne	20 Jan 2022	540 - 560	1.85%	Dec 2021	541 - 555
MB-STE-0887	Steel scrap shredded, index, import, cfr Port Qasim, Pakistan \$/tonne	14 Jan 2022	545.26	0.14%	Dec 2021	543.98

Base metals premiums

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

Alumina index, aluminium premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ALU-0002	Alumina index, fob Australia, \$/tonne	20 Jan 2022	352.15	1.04%	Dec 2021	356.24
MB-AL-0329	Aluminium P1020A premium, cif Taiwan, \$/tonne	11 Jan 2022	160 - 200	0.00%	Dec 2021	167.5 - 200
MB-AL-0001	Aluminium P1020A (MJP) quarterly premium, cif Japan, \$/tonne	07 Jan 2022	177	-18.62%	Dec 2021	215 - 220
MB-AL-0343	Aluminium P1020A (MJP) spot premium, cif Japan, \$/tonne	18 Jan 2022	160 - 180	0.00%	Dec 2021	161.67 - 180
MB-AL-0328	Aluminium P1020A premium, bonded in-whs, Shanghai, \$/tonne	29 Dec 2021	50 - 80	-13.33%	Dec 2021	50 - 80
MB-AL-0345	Aluminium P1020A premium, cif Shanghai, \$/tonne	29 Dec 2021	50 - 70	-7.69%	Dec 2021	50 - 70
MB-AL-0307	Aluminium P1020A premium, fca South Korea, \$/tonne	18 Jan 2022	175 - 185	0.00%	Dec 2021	175 - 185
MB-AL-0344	Aluminium P1020A premium, cif South Korea, \$/tonne	18 Jan 2022	170 - 180	0.00%	Dec 2021	160 - 170
MB-AL-0316	Aluminium P1020A premium, fca dp Italy, \$/tonne	18 Jan 2022	500 - 520	2.00%	Dec 2021	377.5 - 396.25
MB-AL-0346	Aluminium P1020A premium, in-whs dup Rotterdam, \$/tonne	20 Jan 2022	350 - 370	0.00%	Dec 2021	250.24 - 266.43
MB-AL-0004	Aluminium P1020A premium, in-whs dp Rotterdam, \$/tonne	18 Jan 2022	430 - 460	0.00%	Dec 2021	321.11 - 345
MB-AL-0319	Aluminium P1020A premium, fca dp Spain, \$/tonne	11 Jan 2022	490 - 500	20.73%	Dec 2021	382.5 - 397.5
MB-AL-0337	Aluminium P1020A premium, cif dup Turkey, \$/tonne	11 Jan 2022	340 - 350	4.55%	Dec 2021	295 - 310
MB-AL-0020	Aluminium P1020A premium, ddp Midwest US, US cents/lb	18 Jan 2022	31.5 - 34.5	0.00%	Dec 2021	27.22 - 29.78
MB-AL-0021	Aluminium P1020A premium, delivered Sao Paulo region, \$/tonne	11 Jan 2022	400 - 450	13.33%	Dec 2021	375 - 425
MB-AL-0022	Aluminium P1020A premium, cif dup Brazilian main ports, \$/tonne	11 Jan 2022	380 - 410	1.28%	Dec 2021	380 - 400
MB-AL-0381	Aluminium low-carbon differential P1020A, Europe, \$/tonne	07 Jan 2022	0 - 10	0.00%	Dec 2021	0 - 10
MB-AL-0377	Aluminium P1020A premium, in-whs dup Rotterdam, inferred low-carbon midpoint, \$/tonne	20 Jan 2022	365	0.00%	Dec 2021	263.33
MB-AL-0378	Aluminium P1020A premium, in-whs dp Rotterdam, inferred low-carbon midpoint, \$/tonne	18 Jan 2022	450	0.00%	Dec 2021	338.06

Copper premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0386	Copper grade A cathode premium, cif Taiwan, \$/tonne	11 Jan 2022	75 - 90	0.00%	Dec 2021	75 - 90
MB-CU-0405	Copper grade A cathode premium, in-whs Shanghai, \$/tonne	20 Jan 2022	50 - 72	-6.15%	Dec 2021	84.52 - 104.9
MB-CU-0383	Copper grade A cathode ER premium, bonded in-whs Shanghai, \$/tonne	20 Jan 2022	63 - 72	-3.57%	Dec 2021	94.52 - 104.9
MB-CU-0382	Copper grade A cathode SX-EW premium, bonded in-whs Shanghai, \$/tonne	20 Jan 2022	50 - 60	-8.33%	Dec 2021	84.52 - 93.67
MB-CU-0403	Copper grade A cathode premium, cif Shanghai, \$/tonne	20 Jan 2022	48 - 70	-4.84%	Dec 2021	75.24 - 94.62
MB-CU-0380	Copper grade A cathode ER premium, cif Shanghai, \$/tonne	20 Jan 2022	60 - 70	-2.99%	Dec 2021	84.14 - 94.62
MB-CU-0384	Copper grade A cathode SX-EW premium, cif Shanghai, \$/tonne	20 Jan 2022	48 - 55	-9.65%	Dec 2021	75.24 - 81.81
MB-CU-0399	Copper grade A cathode premium, cif Southeast Asia, \$/tonne	18 Jan 2022	80 - 90	0.00%	Dec 2021	80 - 90
MB-CU-0404	Copper grade A cathode premium, cif South Korea, \$/tonne	11 Jan 2022	75 - 85	0.00%	Dec 2021	75 - 85
MB-CU-0372	Copper grade A cathode premium, delivered Germany, \$/tonne	11 Jan 2022	110 - 130	41.18%	Dec 2021	80 - 90
MB-CU-0406	Copper grade A cathode premium, cif Leghorn, \$/tonne	11 Jan 2022	85 - 95	9.09%	Dec 2021	75 - 90



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0369	Copper grade A cathode premium, cif Rotterdam, \$/tonne	11 Jan 2022	50 - 60	10.00%	Dec 2021	45 - 55
MB-CU-0002	Copper grade 1 cathode premium, ddp Midwest US, US cents/lb	18 Jan 2022	8 - 10	0.00%	Dec 2021	8 - 10
MB-CU-0411	Copper EQ cathode premium, cif Europe, \$/tonne	11 Jan 2022	20 - 30	0.00%	Dec 2021	20 - 30
MB-CU-0412	Copper EQ cathode premium, cif Shanghai, \$/tonne	11 Jan 2022	(15) - 0		Dec 2021	5 - 20

Lead premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0084	Lead 99.97% ingot premium, cif Taiwan, \$/tonne	11 Jan 2022	100 - 120	2.33%	Dec 2021	100 - 115
MB-PB-0083	Lead 99.99% ingot premium, cif Taiwan, \$/tonne	11 Jan 2022	140 - 150	3.57%	Dec 2021	135 - 145
MB-PB-0087	Lead 99.97% ingot premium, cif India, \$/tonne	18 Jan 2022	50 - 130	0.00%	Dec 2021	50 - 130
MB-PB-0086	Lead 99.99% ingot premium, cif India, \$/tonne	18 Jan 2022	140 - 150	0.00%	Dec 2021	140 - 150
MB-PB-0107	Lead 99.97% ingot premium, cif Southeast Asia, \$/tonne	18 Jan 2022	80 - 110	0.00%	Dec 2021	80 - 110
MB-PB-0108	Lead 99.99% ingot premium, cif Southeast Asia, \$/tonne	18 Jan 2022	125 - 145	0.00%	Dec 2021	125 - 145
MB-PB-0099	Lead 99.99% ingot premium, delivered Midwest US, US cents/lb	18 Jan 2022	19 - 22	0.00%	Dec 2021	18 - 20.5
MB-PB-0006	Lead 99.97% ingot premium, ddp Midwest US, US cents/lb	18 Jan 2022	18 - 20	2.70%	Dec 2021	16 - 19

Tin premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SN-0038	Tin 99.9% ingot premium, cif Taiwan, \$/tonne	11 Jan 2022	350 - 500	0.00%	Dec 2021	325 - 450
MB-SN-0002	Tin 99.9% ingot premium, in-whs Rotterdam, \$ per tonne	11 Jan 2022	1000 - 1400	0.00%	Dec 2021	1050 - 1400
MB-SN-0029	Tin 99.9% low lead ingot premium, in-whs Rotterdam, \$/tonne	11 Jan 2022	1500 - 2000	0.00%	Dec 2021	1500 - 2000
MB-SN-0036	Tin 99.85% ingot premium, in-whs Baltimore, \$/tonne	11 Jan 2022	1900 - 2200	0.00%	Dec 2021	1900 - 2200
MB-SN-0011	Tin grade A min 99.85% ingot premium, ddp Midwest US, \$/tonne	11 Jan 2022	2100 - 2500	0.00%	Dec 2021	2100 - 2500

Zinc premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0116	Zinc SHG 99.995% ingot premium, cif Taiwan \$/tonne	11 Jan 2022	150 - 160	0.00%	Dec 2021	150 - 160
MB-ZN-0106	Zinc SHG min 99.995% ingot premium, cif Shanghai, \$/per tonne	18 Jan 2022	80 - 90	0.00%	Dec 2021	77.5 - 87.5
MB-ZN-0119	Zinc min 99.995% ingot premium, in-whs Shanghai, \$/tonne	18 Jan 2022	80 - 90	0.00%	Dec 2021	77.5 - 87.5
MB-ZN-0113	Zinc SHG 99.995% ingot premium, fca Singapore, \$/per tonne	11 Jan 2022	140 - 150	-3.33%	Dec 2021	140 - 155
MB-ZN-0115	Zinc SHG 99.995% ingot premium, fca Malaysia, \$/per tonne	11 Jan 2022	140 - 150	-3.33%	Dec 2021	140 - 155
MB-ZN-0093	Zinc SHG min 99.995% ingot premium, cif Southeast Asia, \$/tonne	11 Jan 2022	145 - 160	0.00%	Dec 2021	145 - 160
MB-ZN-0001	Zinc SHG min 99.995% ingot premium, dp fca Rotterdam, \$/tonne	18 Jan 2022	320 - 360	4.62%	Dec 2021	260 - 290
MB-ZN-0099	Zinc SHG min 99.995% ingot premium, dp fca Antwerp, \$/tonne	18 Jan 2022	320 - 360	4.62%	Dec 2021	260 - 290
MB-ZN-0103	Zinc SHG min 99.995% ingot premium, fca dp Italy, \$/tonne	11 Jan 2022	350 - 380	0.00%	Dec 2021	350 - 380
MB-ZN-0102	Zinc SHG min 99.995% ingot premium, ddp Italy, \$/per tonne	11 Jan 2022	380 - 420	0.00%	Dec 2021	380 - 420
MB-ZN-0005	Zinc SHG min 99.995% ingot premium, ddp Midwest US, US cents/lb	18 Jan 2022	18 - 23	2.50%	Dec 2021	15 - 19



Nickel premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0245	Nickel min 99.8% briquette premium, cif Shanghai, \$/tonne	29 Dec 2021	400 - 500	28.57%	Dec 2021	400 - 500
MB-NI-0143	Nickel min 99.8% full plate premium, in-whs Shanghai, \$/tonne	18 Jan 2022	350 - 375	0.00%	Dec 2021	325 - 352.5
MB-NI-0142	Nickel min 99.8% full plate premium, cif Shanghai, \$/tonne	18 Jan 2022	330 - 350	0.00%	Dec 2021	305 - 335
MB-NI-0003	Nickel uncut cathode premium, in-whs Rotterdam, \$/tonne	18 Jan 2022	70 - 90	0.00%	Dec 2021	70 - 90
MB-NI-0001	Nickel 4x4 cathode premium, in-whs Rotterdam, \$/tonne	18 Jan 2022	220 - 290	0.00%	Dec 2021	220 - 290
MB-NI-0002	Nickel briquette premium, in-whs Rotterdam, \$/tonne	18 Jan 2022	150 - 200	9.38%	Dec 2021	150 - 170
MB-NI-0240	Nickel 4x4 cathode premium, delivered Midwest US, US cents/lb	18 Jan 2022	55 - 65	0.00%	Dec 2021	55 - 63.75
MB-NI-0241	Nickel briquette premium, delivered Midwest US, US cents/lb	18 Jan 2022	65 - 90	0.00%	Dec 2021	67.5 - 90

Base metals warrant premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0334	Aluminium P1020A, warrant premium, in-whs East Asia, \$/tonne	19 Jan 2022	60 - 80	33.33%	Dec 2021	40 - 66
MB-AL-0333	Aluminium P1020A warrant premium, in-whs Southeast Asia, \$/tonne	19 Jan 2022	60 - 80	16.67%	Dec 2021	40 - 62
MB-AL-0338	Aluminium P1020A warrant premium, in-whs US, \$/tonne	19 Jan 2022	115 - 125	0.00%	Dec 2021	115 - 125
MB-CU-0398	Copper grade A cathode warrant premium, in-whs East Asia \$/tonne	19 Jan 2022	10 - 20	0.00%	Dec 2021	13 - 23
MB-CU-0397	Copper grade A cathode warrant premium, in-whs Southeast Asia, \$/tonne	19 Jan 2022	35 - 60	72.73%	Dec 2021	13 - 24
MB-CU-0400	Copper grade A cathode warrant premium, in-whs North Europe, \$/tonne	19 Jan 2022	5 - 10	0.00%	Dec 2021	5 - 10
MB-CU-0401	Copper grade A cathode warrant premium, in-whs South Europe, \$/tonne	19 Jan 2022	15 - 25	0.00%	Dec 2021	15 - 25
MB-CU-0377	Copper grade A cathode warrant premium, in-whs US, \$/tonne	19 Jan 2022	10 - 25	0.00%	Dec 2021	10 - 25
MB-PB-0106	Lead min 99.97% ingot warrant premium, in-whs East Asia \$/tonne	19 Jan 2022	5 - 20	0.00%	Dec 2021	5 - 20
MB-PB-0105	Lead min 99.97% ingot warrant premium, in-whs Southeast Asia \$/tonne	19 Jan 2022	5 - 20	0.00%	Dec 2021	5 - 20
MB-PB-0109	Lead 99.97% ingot warrant premium, in-whs North Europe, \$/tonne	19 Jan 2022	30 - 50	0.00%	Dec 2021	24 - 42
MB-PB-0110	Lead 99.97% ingot warrant premium, in-whs South Europe, \$/tonne	19 Jan 2022	30 - 50	0.00%	Dec 2021	24 - 38
MB-PB-0097	Lead 99.97% ingot warrant premium, in-whs US, \$/tonne	19 Jan 2022	20 - 30	0.00%	Dec 2021	20 - 30
MB-NI-0138	Nickel min 99.8% briquette warrant premium, in-whs Southeast Asia, \$/tonne	19 Jan 2022	50 - 60	0.00%	Dec 2021	50 - 60
MB-NI-0140	Nickel min 99.8% briquette warrant premium, in-whs East Asia, \$/tonne	19 Jan 2022	50 - 60	0.00%	Dec 2021	50 - 60
MB-NI-0137	Nickel min 99.8% full plate warrant premium, in-whs Southeast Asia, \$/tonne	19 Jan 2022	30 - 45	0.00%	Dec 2021	30 - 45
MB-NI-0139	Nickel min 99.8% full plate warrant premium, in-whs East Asia, \$/tonne	19 Jan 2022	30 - 45	0.00%	Dec 2021	30 - 43
MB-NI-0141	Nickel min 99.8% warrant premium, in-whs North Europe, \$/tonne	19 Jan 2022	50 - 175	0.00%	Dec 2021	38 - 157
MB-SN-0042	Tin min 99.85% ingot warrant premium, in-whs South East Asia, \$/tonne	19 Jan 2022	50 - 100	-25.00%	Dec 2021	50 - 150
MB-ZN-0117	Zinc SHG min 99.995% warrant premium, in-whs North Europe, \$/tonne	19 Jan 2022	80 - 100	0.00%	Dec 2021	80 - 100
MB-ZN-0104	Zinc SHG min 99.995% warrant premium, in-whs US, \$/per tonne	19 Jan 2022	10 - 15	0.00%	Dec 2021	10 - 15
MB-ZN-0123	Zinc SHG min 99.995% warrant premium, in-whs Southeast Asia, \$/tonne	19 Jan 2022	10 - 20	-25.00%	Dec 2021	10 - 20

Coking coal/coke markets

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

Coking coal/coke/PCI news

China pig iron market bullish after major mill buys Indian cargo

By Lee Allen, Tianran Zhao - Thursday 20 January

Pig iron market participants are in a bullish mood this week and predict higher prices next month following last week's sale of Indian merchant basic pig iron (BPI) to a major Chinese mill, sources said on Thursday January 20.

A major Chinese steelmaker bought a 30,000-tonne shipment of Indian BPI for \$537.50 per tonne cfr in a tender held by the producer during the week commencing January 10, sources told Fastmarkets.

The Chinese steelmaker was able to bid at higher prices than trading companies because the mill will consume the material itself and does not need to deal with any third parties, a Singapore-based trader said last week.

The deal was not directly included in Fastmarkets' assessment for imported BPI into China on Thursday, however, because sources said the transaction was for a prompt-shipment cargo for late January.

But key market participants said on Thursday that the prevailing market price for the material had remained at \$535-545 per tonne cfr China for merchant BPI over the past two weeks.

Fastmarkets' **fortnightly assessment of the price for pig iron, import, cfr China** was \$535-545 per tonne on January 20, up by \$5 per tonne from \$530-540 per tonne two weeks ago.

Price rises likely

Suppliers were said to be bullish about the export pig iron market amid rising prices in raw materials markets, and would be aiming for higher prices after the deal to China.

A BPI producer based in India said on Monday that higher coking coal prices were putting pressure on steelmaker margins in the country and that his mill would require at least \$550 per tonne cfr China for BPI if it was to sell to the country.

Bids for BPI imported into China have been heard at \$530-535 per tonne cfr China over the past fortnight.

A limited number of offers for pig iron were heard over the past two weeks, including at \$550-560 per tonne cfr China, sources said on January 20.

"The offers we heard [were] from Brazil for cargoes with March shipment, which is too long for us. Also, we haven't been purchasing merchant pig iron recently, because our molten iron generation [has been] sufficient [for our needs]," a mill source in Hebei province told Fastmarkets.

"One Chinese mill has been [buying] material and the price doesn't [seem to] matter much... Chinese mills would prefer to buy from India rather than Brazil because of the shorter shipment times," the Indian producer source said.

Blast furnace (BF) operation rates have reduced in China since the end of 2021 and are **likely to keep dropping on the run up to the Chinese New Year holidays and the Winter Olympics**. This possibly leaves a wider gap for more imports of merchant BPI if mills **want to keep their finished steel production high over the coming months**.

Crude steel output from member mills of the China Iron & Steel Association (Cisa) was **1.97 million tonnes per day on January 1-10**, down by 6% compared with the preceding 11 days.

Other market participants said they expect to see more trading activity in China's import pig iron market soon.

"Shipping costs seem to have dropped recently. We may hear more offers from Brazil or the CIS soon," a Japanese trading source said.

Freight costs for a 30,000-tonne cargo of pig iron from the west of India to the east of China were heard at around \$30 per tonne earlier this week.

China imported 212,803 tonnes of pig iron in December, a 14.8% increase from 185,352 tonnes in November, according to the latest Chinese customs data.

Of the total, 90,232 tonnes (42.4%) originated in Brazil, while Russia was China's second-biggest pig iron supplier in December, accounting for 68,692 tonnes (32.3%) of its imports. China also imported 50,977 tonnes (23.96%) of pig iron from Iran in December and overall in 2021, China imported 2.06 million tonnes of the steelmaking raw material.

Seaborne premium hard coking coal cargo sealed at historic high price in fob Australia market

By Min Li - Thursday 20 January

Seaborne coking coal prices largely increased on Thursday January 20 due to tight supply and increasing offers; most steel mills were holding back from the market, although a deal was sealed at a historic high on Thursday.

Fastmarkets indices

Premium hard coking coal, cfr Jingtang: \$405.28 per tonne, up \$2.51 per tonne

Hard coking coal, cfr Jingtang: \$357.39 per tonne, up \$3.79 per tonne

Premium hard coking coal, fob DBCT: \$431.10 per tonne, down \$0.01 per tonne

Hard coking coal, fob DBCT: \$375.25 per tonne, up \$1.66 per tonne

In the fob Australia market, a Panamax vessel of premium low-volatility hard coking coal, with March 11-20 laycan, was traded at \$430 per tonne fob Australia on Globalcoal platform on Thursday, Fastmarkets learned.

"It's a historic high price [for premium hard coking coal in the fob Australia market]," a mill source in Vietnam said.

One coke producer source and two trading sources in India predicted that the uptrend in seaborne premium hard coking coal fob price will continue because Australian supply for the spot market is likely to be tight. One trading source said that the seaborne premium hard coking coal fob price should stabilize soon.

Mill's steel prices have been in a downtrend since last November and hot metal output is down 5% in the first quarter of 2022 quarter on quarter, a steel mill source in East Asia said.

In the cfr China market, a Capesize vessel of United States-origin hard coking coal Buchanan was offered at \$427 per tonne cfr China, sources told



Fastmarkets on Thursday.

Several mill sources and trading sources said that the offer price is “too high”.

“Shanxi-origin low sulfur premium hard coking coal ex-factory price in the spot market is around 2,800 yuan per tonne,” a trading source in Fujian province said, indicating that the domestic coking coal price is more competitive.

A source at an Eastern China-based mill said that most mills have completed restocking ahead of the Chinese New Year holiday. It is unwise to procure seaborne coking coal at such a high price, sources added.

Dalian Commodity Exchange

The most-traded May coking coal futures contract closed at 2,312 yuan (\$364.03) per tonne on Thursday, up by 55 yuan per tonne.

The most-traded May coke contract closed at 3,008 yuan per tonne, up by 62 yuan per tonne.

Chinese HRC prices steady despite key lending rate cuts

By Paul Lim, Zihuan Pan - Thursday 20 January

Spot prices for hot-rolled coil in China were unchanged on Thursday January 20, while futures prices for the flat steel product also held steady despite the Chinese central bank announcing a cut to benchmark lending rates.

Domestic

Eastern China (Shanghai): 4,940-4,960 yuan (\$778-781) per tonne, unchanged

On Thursday morning, the People’s Bank of China (PBOC) slashed the five-year loan prime rate by 5 basis points to 4.6% from 4.65%, marking the first cut since April 2020. Meanwhile, the one-year loan prime rate was lowered by 10 basis points to 3.7% from 3.8%, following a 5-basis-point cut last month.

The loan prime rate cuts were in line with market expectations after PBOC earlier this week signaled more monetary easing to shore up the broader economy.

The most-traded HRC contract on the Shanghai Futures Exchange remained flat on Thursday, after hitting a high of 4,860 yuan per tonne – a level not seen since November 2 – a day earlier.

In the spot market, HRC trading activities further shrank given the approaching Lunar New Year holiday, traders told Fastmarkets.

Data from a local information provider released on Thursday afternoon showed that China’s HRC output increased for a fourth straight week in the week to Thursday.

During the week, HRC output in China increased by 47,900 tonnes to 3.16 million tonnes, while inventories held by traders and mills increased by 49,300 tonnes to 3.04 million tonnes.

Export

Fastmarkets’ steel hot-rolled coil index export, fob main port China: \$759.87 per tonne, unchanged

Trading activity for Chinese HRC exports remained thin, with traders kicking off their Lunar New Year holiday and because prices were not appealing compared to offers from other origins.

Offers for SS400 HRC from mills and trading houses were mostly at \$760-770

per tonne fob China on Thursday, while market participants indicated that mills are likely to be willing to sell at \$755-765 per tonne fob China.

“We’ve already entered the holiday mode. We’d like to wait and see now given the volatile futures prices, an uncertain demand outlook and tightened supply from mills,” a Hangzhou-based trader said.

The domestic orders that some mills received have increased, which will reduce their supply for exports, the trader added.

In key import market Vietnam, Indian steelmakers have started to withdraw from the spot market after having secured sufficient orders for March-shipment cargoes.

They are also bullish on spot prices and are hopeful that the price uptrends in the iron ore, coking coal and slab markets point to better days ahead.

A major Indian steelmaker expects to increase its offers to more than \$790 per tonne cfr Vietnam in its next offers for April-shipment cargoes to Asia.

Market chatter

“Finished steel supply is expected to be tight after the Lunar New Year holiday, given expectations of strong demand boosted by the government’s stimulus measures and potential production curbs for the Winter Olympics. But the futures prices are likely to fluctuate in a wide range before the holiday,” Shanghai-based Maize Futures said in a report.

Shanghai Futures Exchange

The most-traded May HRC contract closed at 4,815 yuan per tonne on Thursday, flat with [Wednesday’s close](#).

Posco-Adani steel project could add to India's oversupply, sources say

By Paul Lim - Thursday 20 January

Posco and the Adani Group’s recently announced steel project will likely add to the steel oversupply in India until demand picks up sufficiently to consume the surplus volumes, market sources told Fastmarkets this week.

“While steel demand in India is expected to increase until 250 million tonnes per year eventually, it really depends on whether this project is started up and how economic development in the country is at the point of time,” an Indian steel trader in Singapore told Fastmarkets on Thursday January 20.

South Korean steelmaker Posco and Indian conglomerate Adani Group said on January 13 that they were working together to build a green, environmentally friendly greenfield integrated steel mill at Mundra, Gujarat, at an investment cost of \$5 billion.

The steel mill will utilize Posco’s steelmaking and research and development technology, as well as use renewable energy resources and green hydrogen. The Adani Group will provide expertise in energy and infrastructure.

Sources said more clarity on the project is needed before any conclusions on its effects on the Indian and wider Asian steel markets can be made, although the capacity of the new steel mill is said to be less than 5 million tonnes per year and “may not have a big impact” on the market.

“It depends a lot on what are the final products produced. For example, whether they are long steel, flat steel, or metallics. It could also be that it produces pig iron to ship to China and Asia amid the strong decarbonization drive going on there,” the steel trader said.

Posco already runs a 1.8-million-tpy Posco-Maharashtra rerolling mill, which



produces 0.17-2.30 millimeter thick cold-rolled coil at widths of 800-1,800mm for the automotive market, as well as four processing centers in Pune, Delhi, Chennai and Ahmedabad.

This is also just another steel project amid a multitude of other capacity expansion in India, such as those announced by other integrated steelmakers.

JSW Steel plans to expand its steelmaking capacity by 12 million tpy to 36.5 million tpy by 2024, while Tata Steel wants to double its steelmaking capacity to 40 million tpy at its Angul, Kalinganagar and Jamshedpur steelworks.

ArcelorMittal Nippon Steel India (AMNSI) is also seeking to increase its steel production capacity to 18 million tpy from 8.6 million tpy, while Japanese

producer Nippon Steel - a joint venture partner in AMNSI - said it planned to build a second steel mill as part of AMNSI's expansion.

"But of course, this will be impactful only if the plant is completed. A greenfield project takes time and there are many regulatory approvals needed. Can this memorandum of understanding (MOU) turn into reality?" a seller source close to an Indian integrated steelmaker said on Thursday.

"This will make the competition field more crowded of course, especially when west India is already dominated by two major integrated steelmakers," he continued.

Coking coal/coke/PCI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-COA-0003	Premium hard coking coal, fob DBCT, \$/dmt	20 Jan 2022	431.1	0.00%	Dec 2021	340.4
MB-COA-0005	Premium hard coking coal, cfr Jingtang, \$/dmt	20 Jan 2022	405.28	0.62%	Dec 2021	355.52
MB-COA-0004	Hard coking coal, fob DBCT, \$/dmt	20 Jan 2022	375.25	0.44%	Dec 2021	287.44
MB-COA-0002	Hard coking coal, cfr Jingtang, \$/dmt	20 Jan 2022	357.39	1.07%	Dec 2021	325.14
MB-COA-0001	Hard coking coal domestic China spot market, Shanxi-origin, delivered Tangshan, yuan/tonne	17 Jan 2022	2675 - 3040	5.93%	Dec 2021	2175 - 2692
MB-COA-0008	PCI low-vol, fob DBCT, \$/dmt	14 Jan 2022	250.09	2.04%	Dec 2021	235.28
MB-COA-0007	PCI low-vol, cfr Jingtang, \$/dmt	14 Jan 2022	282.56	20.48%	Dec 2021	218.74
MB-COA-0006	Coke 65% CSR, fob China, \$/tonne	18 Jan 2022	595 - 610	4.33%	Dec 2021	497.5 - 526.25

Copper raw materials

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

Copper concentrate news

Teck in blockchain pilot with DLT Labs to track germanium

By Andrea Hotter - Thursday 20 January

Teck Resources Ltd is starting a pilot to use blockchain technology to trace responsibly-produced germanium from the mine to the customer, the company said on Thursday January 20.

The pilot, in partnership with DLT Labs, will mark the first use of blockchain to trace germanium, a critical mineral used in fiber optic cables and high-speed computer chips and circuitry as well as in low-carbon technologies such as solar cells and light-emitting diodes.

The launch comes as environmental, social, and governance (ESG) disclosure gains importance for the metals and mining sector and the broader industry as a whole, particularly given net-zero carbon emissions targets.

Teck, North America's largest producer of germanium, will track the critical mineral from its Red Dog mine in Alaska, the United States, through transport and comingling with other sources, refining at Teck's Trail metallurgical facility in British Columbia, Canada, and finally to a manufacturer of fiber optic cable, the company added.

The pilot is part of Teck's sustainability strategy goal to develop a product passport, providing traceability into the raw materials supply chain. Blockchain technology will be used to embed data including information on responsible ESG practices along the supply chain, such as greenhouse gas emissions, product certifications and responsible production assessments, the company noted.

"Teck is proud to be advancing the first use of blockchain technology to trace the critical mineral germanium from the mine all the way to the customer," said Marcia Smith, Teck's senior vice president, sustainability, and external affairs.

"Ensuring the environmental and social responsibility throughout the metals production chain provides our customers and downstream consumers with the confidence that their products are sourced responsibly," she added.

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

In addition to germanium, Canada-based Teck also produces copper, zinc, steelmaking coal and energy.

Key copper raw materials prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0287	Copper concentrates TC index, cif Asia Pacific, \$/tonne	14 Jan 2022	60	2.21%	Dec 2021	56.44
MB-CU-0288	Copper concentrates RC index, cif Asia Pacific, US cents/lb	14 Jan 2022	6	2.21%	Dec 2021	5.64
MB-CU-0409	Copper blister 98-99% RC annual benchmark, cif China, \$/tonne	31 Dec 2021	145 - 165	6.90%	Dec 2021	145 - 165
MB-CU-0408	Copper blister 98-99% RC spot, cif China, \$/tonne	31 Dec 2021	150 - 170	0.00%	Dec 2021	150 - 170
MB-CU-0512	No1 copper material, RCu-2A,1B (candy/berry), cif China, LME/Comex discount, US cents per lb	27 Dec 2021	9 - 13	0.00%	Dec 2021	9 - 13
MB-CU-0360	No2 copper material, RCu-2B (birch/cliff), cif China, LME/Comex discount, US cents per lb	27 Dec 2021	24 - 28	0.00%	Dec 2021	24 - 28
MB-CU-0422	Copper concentrates counterparty spread, \$/tonne	04 Jan 2022	9.58	-8.33%	Dec 2021	10.45
MB-CU-0423	Copper Concentrates Co-VIU, \$/tonne	04 Jan 2022	(0.45)		Dec 2021	0.28
MB-CU-0508	Copper concentrates TC implied smelters purchase, cif Asia Pacific, \$/tonne	14 Jan 2022	64.79	2.05%	Dec 2021	61.67
MB-CU-0510	Copper concentrates RC implied smelters purchase, cif Asia Pacific, cents/lb	14 Jan 2022	6.48	2.05%	Dec 2021	6.17
MB-CU-0509	Copper concentrates TC implied traders purchase, cif Asia Pacific, \$/tonne	14 Jan 2022	55.21	2.41%	Dec 2021	51.22
MB-CU-0511	Copper concentrates RC implied traders purchase, cif Asia Pacific, cents/lb	14 Jan 2022	5.52	2.41%	Dec 2021	5.12

Ferro-alloy markets

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

Chrome ore

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CHO-0003	Chrome ore South Africa UG2/MG concentrates index, cif China, \$/tonne	18 Jan 2022	174	1.75%	Dec 2021	170.75
MB-CHO-0002	Chrome ore Turkish lumpy 40-42%, cfr main Chinese ports, \$/tonne	18 Jan 2022	300 - 310	0.00%	Dec 2021	290 - 308.75

Ferro-chrome

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEC-0012	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, \$/lb	20 Jan 2022	2.1 - 2.25	0.00%	Dec 2021	
MB-FEC-0004	Ferro-chrome high carbon 6-8.5% C, basis 60-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	28 Dec 2021	1.72 - 1.92	0.00%	Dec 2021	1.72 - 1.92
MB-FEC-0001	Ferro-chrome low phosphorous, min 65% Cr, max 0.015% P, delivered Europe, \$/lb	18 Jan 2022	1.78 - 2.03	1.60%	Dec 2021	1.77 - 1.99
MB-FEC-0017	Ferro-chrome high carbon 57-65% Cr, cif dup Japan, \$/lb	13 Jan 2022	1.06 - 1.08	0.00%	Dec 2021	1.17 - 1.19
MB-FEC-0018	Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, \$/lb	13 Jan 2022	1.05 - 1.07	0.00%	Dec 2021	1.15 - 1.17
MB-FEC-0021	Ferro-chrome high carbon 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	18 Jan 2022	1.71 - 1.98	0.54%	Dec 2021	1.72 - 1.92
MB-FEC-0020	Ferro-chrome high carbon 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, \$/lb Cr	18 Jan 2022	1.25 - 1.5	-0.72%	Dec 2021	1.42 - 1.5
MB-FEC-0011	Ferro-chrome 50% Cr import, cif main Chinese ports, \$/lb contained Cr	18 Jan 2022	1.07	0.00%	Dec 2021	1.16
MB-FEC-0006	Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	18 Jan 2022	8300 - 8700	1.80%	Dec 2021	8725 - 9000
MB-FEC-0005	Ferro-chrome contract 6-8% C, basis 50% Cr, ddp China, yuan/tonne	18 Jan 2022	8195 - 9600	0.00%	Dec 2021	9098.75 - 9600
MB-FEC-0019	Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, \$/lb	18 Jan 2022	1.72	0.00%	Dec 2021	1.81
MB-FEC-0016	Ferro-chrome lumpy Cr charge quarterly, basis 52% Cr (and high carbon), delivered Europe, \$/lb Cr (rounded to the closest 2 decimal places)	01 Jan 2022	1.8	0.00%	Dec 2021	1.8
MB-FEC-0014	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, \$/lb	20 Jan 2022	3.65 - 3.75	0.00%	Dec 2021	
MB-FEC-0013	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, \$/lb	20 Jan 2022	3.8 - 3.85	0.00%	Dec 2021	
MB-FEC-0015	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, \$/lb	20 Jan 2022	3.55 - 3.6	0.00%	Dec 2021	
MB-FEC-0003	Ferro-chrome 0.10% C, average 65-70% Cr, delivered Europe, \$/lb Cr	18 Jan 2022	3.7 - 4.33	1.26%	Dec 2021	3.63 - 4.27
MB-FEC-0002	Ferro-chrome low carbon, 65% Cr, max 0.06% C, delivered Europe, \$/lb Cr	18 Jan 2022	3.74 - 4.37	1.25%	Dec 2021	3.67 - 4.31

Manganese ore

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MNO-0002	Manganese ore 37% Mn, fob Port Elizabeth, \$/dmtu	14 Jan 2022	3.38	4.64%	Dec 2021	3.21
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, \$/dmtu	14 Jan 2022	5.44	-0.37%	Dec 2021	5.52
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, \$/dmtu	14 Jan 2022	4.51	0.00%	Dec 2021	4.54
MB-MNO-0004	Manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin China, yuan/dmtu	14 Jan 2022	34.3	1.18%	Dec 2021	33.94



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MNO-0005	Manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin China, yuan/dmtu	14 Jan 2022	43.2	2.61%	Dec 2021	42.24

Ferro-manganese

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEM-0007	Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	14 Jan 2022	7400 - 7600	2.04%	Dec 2021	6920 - 7060
MB-FEM-0006	Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	14 Jan 2022	1500 - 1550	0.00%	Dec 2021	1670 - 1770
MB-FEM-0002	Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	20 Jan 2022	315 - 320	0.00%	Dec 2021	315 - 320
MB-FEM-0004	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, \$/lb	20 Jan 2022	2.55 - 2.6	0.00%	Dec 2021	
MB-FEM-0003	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, US cents/lb	20 Jan 2022	255 - 260	0.00%	Dec 2021	249 - 254
MB-FEM-0001	Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, \$/long ton	20 Jan 2022	2600 - 2650	0.00%	Dec 2021	2600 - 2650

Silico-manganese

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SIM-0001	Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	14 Jan 2022	7900 - 8200	1.90%	Dec 2021	7680 - 7900
MB-SIM-0004	Silico-manganese 65% Mn min, min 16% Si, fob India, \$/tonne	14 Jan 2022	1450 - 1520	0.68%	Dec 2021	1445 - 1495
MB-SIM-0002	Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	14 Jan 2022	1550 - 1600	0.00%	Dec 2021	1620 - 1720
MB-SIM-0005	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, \$/lb	20 Jan 2022	1.2 - 1.25	0.00%	Dec 2021	
MB-SIM-0003	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, US cents/lb	20 Jan 2022	120 - 125	0.00%	Dec 2021	120 - 125

Ferro-silicon

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FES-0003	Ferro-silicon 75% Si, in-whs Pittsburgh, \$/lb	20 Jan 2022	3.3 - 3.4	0.00%	Dec 2021	
MB-FES-0005	Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	14 Jan 2022	2800 - 3300	0.00%	Dec 2021	3060 - 3460
MB-FES-0004	Ferro-silicon 75% Si min export, fob China, \$/tonne	19 Jan 2022	2000 - 2100	1.23%	Dec 2021	2070 - 2170
MB-FES-0001	Ferro-silicon 75% Si min, in-whs China, yuan/tonne	19 Jan 2022	9500 - 9600	1.60%	Dec 2021	9360 - 9600

Molybdenum/ferro-molybdenum

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MO-0001	Molybdenum canned molybdic oxide, in-whs Pittsburgh, \$/lb	20 Jan 2022	19 - 19.5	0.00%	Dec 2021	18.81 - 19.5
MB-FEO-0003	Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, \$/lb Mo	19 Jan 2022	19.1 - 19.25	0.00%	Dec 2021	18.84 - 19.05
MB-FEO-0004	Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, \$/lb	19 Jan 2022	19 - 19.1	0.37%	Dec 2021	18.3 - 18.6
MB-FEO-0002	Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, \$/lb	20 Jan 2022	20.5 - 21	0.00%	Dec 2021	20.4 - 21.1
MB-FEO-0001	Ferro-molybdenum 65% Mo min, in-whs Rotterdam, \$/kg Mo	19 Jan 2022	44.7 - 45.3	-0.33%	Dec 2021	43.31 - 44.46



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	19 Jan 2022	44.8 - 45.5	0.00%	Dec 2021	44.32 - 45.7
MB-FET-0001	Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, \$/kg Ti	19 Jan 2022	7.7 - 8	0.00%	Dec 2021	7.7 - 8.04
MB-FET-0002	Ferro-titanium 68-72% Ti, ex-whs US, \$/lb	20 Jan 2022	3.6 - 3.85	0.00%	Dec 2021	3.6 - 3.85

Tungsten/ferro-tungsten

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-W-0001	Tungsten APT 88.5% WO3 min cif Rotterdam and Baltimore duty-free, \$/mtu WO3	14 Jan 2022	326 - 330	0.77%	Dec 2021	320 - 325
MB-W-0003	Tungsten APT 88.5% WO3 min, fob main ports China, \$/mtu WO3	19 Jan 2022	325 - 330	1.55%	Dec 2021	313.8 - 319.4
MB-W-0002	Tungsten concentrate 65% WO3, in-whs China, yuan/tonne	19 Jan 2022	115000 - 117000	0.65%	Dec 2021	108500 - 109800
MB-FEU-0001	Ferro-tungsten basis 75% W, in-whs dup Rotterdam, \$/kg W	19 Jan 2022	40 - 41.5	0.99%	Dec 2021	36.75 - 38.5
MB-FEU-0003	Ferro-tungsten export, min 75% fob China, \$/kg W	19 Jan 2022	39.5 - 41.5	2.14%	Dec 2021	38.1 - 40.1

Vanadium pentoxide/ferro-vanadium

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-V-0001	Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5	14 Jan 2022	8.5 - 9	0.00%	Dec 2021	8.5 - 9
MB-V-0002	Vanadium pentoxide 98% V2O5 min, fob China, \$/lb V2O5	20 Jan 2022	8.71 - 8.86	1.15%	Dec 2021	8.76 - 8.91
MB-V-0004	Vanadium pentoxide 98% V2O5 min, exw China, yuan/tonne	20 Jan 2022	122000 - 124000	0.82%	Dec 2021	122900 - 125000
MB-FEV-0002	Ferro-vanadium 70-80% V, in-whs Pittsburgh, \$/lb	20 Jan 2022	17.2 - 17.5	6.77%	Dec 2021	14.9 - 15.25
MB-FEV-0001	Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, \$/kg V	19 Jan 2022	36.5 - 38.5	5.63%	Dec 2021	32.28 - 33
MB-FEV-0003	Ferro-vanadium 78% V min, fob China, \$/kg V	20 Jan 2022	37.89 - 38.44	-0.21%	Dec 2021	37.78 - 38.52

SPB

Source: dashboard.fastmarkets.com/m/74fba24b-937e-4451-9960-041bac5bbfa3

Pittsburgh

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0303	Steel scrap No1 heavy melt, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	415	-12.63%	Dec 2021	475
MB-STE-0304	Steel scrap No1 bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	531	-10.15%	Dec 2021	591
MB-STE-0305	Steel scrap No2 bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	329	-15.42%	Dec 2021	389
MB-STE-0306	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	550	-9.84%	Dec 2021	610
MB-STE-0308	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	470	-11.32%	Dec 2021	530
MB-STE-0309	Steel scrap machine shop turnings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	315	-16.00%	Dec 2021	375
MB-STE-0310	Steel scrap cast iron borings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	270	-18.18%	Dec 2021	330
MB-STE-0312	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	445	-11.88%	Dec 2021	505
MB-STE-0598	Steel scrap punchings and plate, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	777	-6.61%	Dec 2021	832

Chicago

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0228	Steel scrap No1 heavy melt, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	410	-14.58%	Dec 2021	480
MB-STE-0229	Steel scrap No2 heavy melt, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	395	-15.05%	Dec 2021	465
MB-STE-0230	Steel scrap No1 bundles, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	525	-10.26%	Dec 2021	585
MB-STE-0231	Steel scrap No2 bundles, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	270	-20.59%	Dec 2021	340
MB-STE-0232	Steel scrap No1 busheling, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	520	-10.34%	Dec 2021	580
MB-STE-0233	Steel scrap shredded auto scrap, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	480	-11.11%	Dec 2021	540
MB-STE-0234	Steel scrap machine shop turnings, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	270	-18.18%	Dec 2021	330
MB-STE-0235	Steel scrap cast iron borings, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	300	-18.92%	Dec 2021	370
MB-STE-0236	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	584	-7.89%	Dec 2021	634
MB-STE-0237	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	445	-11.88%	Dec 2021	505
MB-STE-0577	Steel scrap low-residual, black foundry busheling, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	682	-8.09%	Dec 2021	742



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0578	Steel scrap low-residual, ductile-quality shredded clips, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	682	-8.09%	Dec 2021	742
MB-STE-0579	Steel scrap low-alloy punchings, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	702	-7.87%	Dec 2021	762
MB-STE-0239	Steel scrap cupola cast, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	559	-8.21%	Dec 2021	609
MB-STE-0240	Steel scrap clean auto cast, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	622	-7.44%	Dec 2021	672
MB-STE-0243	Steel scrap drop broken machinery cast, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	537	-8.52%	Dec 2021	587
MB-STE-0246	Steel scrap steel car wheels, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	485	-11.01%	Dec 2021	545
MB-STE-0244	Steel scrap rail crops 2ft max, consumer buying price, delivered mill Chicago, \$/gross ton	10 Jan 2022	553	-8.29%	Dec 2021	603

Philadelphia

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0285	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	395	-10.23%	Dec 2021	440
MB-STE-0286	Steel scrap No1 bundles, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	505	-8.18%	Dec 2021	550
MB-STE-0287	Steel scrap No2 bundles, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	355	-11.25%	Dec 2021	400
MB-STE-0288	Steel scrap No1 busheling, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	505	-8.18%	Dec 2021	550
MB-STE-0289	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	470	-8.74%	Dec 2021	515
MB-STE-0290	Steel scrap machine shop turnings, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	275	-17.91%	Dec 2021	335
MB-STE-0291	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	520	-7.96%	Dec 2021	565
MB-STE-0292	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	415	-9.78%	Dec 2021	460
MB-STE-0293	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	10 Jan 2022	405	-10.00%	Dec 2021	450

St Louis

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0355	Steel scrap No1 heavy melt, dealer selling price, fob dealer yard St Louis, \$/gross ton	11 Jan 2022	338	-15.08%	Dec 2021	398
MB-STE-0356	Steel scrap No1 bundles, dealer selling price, fob dealer yard St Louis, \$/gross ton	11 Jan 2022	488	-10.95%	Dec 2021	548
MB-STE-0357	Steel scrap No1 busheling, dealer selling price, fob dealer yard St Louis, \$/gross ton	11 Jan 2022	488	-10.95%	Dec 2021	548
MB-STE-0358	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard St Louis, \$/gross ton	11 Jan 2022	401	-13.02%	Dec 2021	461
MB-STE-0359	Steel scrap machine shop turnings, dealer selling price, fob dealer yard St Louis, \$/gross ton	11 Jan 2022	210	-20.75%	Dec 2021	265



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0360	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard St Louis, \$/gross ton	11 Jan 2022	353	-14.53%	Dec 2021	413

Detroit

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0270	Steel scrap No1 heavy melt, consumer buying price, delivered mill Detroit, \$/gross ton	10 Jan 2022	405	-12.90%	Dec 2021	465
MB-STE-0271	Steel scrap No1 bundles, consumer buying price, delivered mill Detroit, \$/gross ton	10 Jan 2022	485	-11.01%	Dec 2021	545
MB-STE-0272	Steel scrap No1 busheling, consumer buying price, delivered mill Detroit, \$/gross ton	10 Jan 2022	495	-10.81%	Dec 2021	555
MB-STE-0273	Steel scrap shredded auto scrap, consumer buying price, delivered mill Detroit, \$/gross ton	10 Jan 2022	460	-11.54%	Dec 2021	520
MB-STE-0274	Steel scrap machine shop turnings, consumer buying price, delivered mill Detroit, \$/gross ton	10 Jan 2022	145	-29.27%	Dec 2021	205
MB-STE-0275	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Detroit, \$/gross ton	10 Jan 2022	420	-12.50%	Dec 2021	480

Cleveland

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0255	Steel scrap No1 heavy melt, consumer buying price, delivered mill Cleveland, \$/gross ton	10 Jan 2022	420	-12.50%	Dec 2021	480
MB-STE-0256	Steel scrap No1 bundles, consumer buying price, delivered mill Cleveland, \$/gross ton	10 Jan 2022	580	-9.38%	Dec 2021	640
MB-STE-0257	Steel scrap No1 busheling, consumer buying price, delivered mill Cleveland, \$/gross ton	10 Jan 2022	580	-9.38%	Dec 2021	640
MB-STE-0258	Steel scrap shredded auto scrap, consumer buying price, delivered mill Cleveland, \$/gross ton	10 Jan 2022	470	-11.32%	Dec 2021	530
MB-STE-0259	Steel scrap machine shop turnings, consumer buying price, delivered mill Cleveland, \$/gross ton	10 Jan 2022	245	-19.67%	Dec 2021	305
MB-STE-0260	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Cleveland, \$/gross ton	10 Jan 2022	440	-12.00%	Dec 2021	500
MB-STE-0653	Steel scrap punchings and plate, broker buying price, fob Cleveland, \$/gross ton	10 Jan 2022	725	-7.05%	Dec 2021	780

Cincinnati

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0249	Steel scrap No1 heavy melt, consumer buying price, delivered mill Cincinnati, \$/gross ton	10 Jan 2022	400	-13.04%	Dec 2021	460
MB-STE-0250	Steel scrap No1 bundles, consumer buying price, delivered mill Cincinnati, \$/gross ton	10 Jan 2022	515	-10.43%	Dec 2021	575
MB-STE-0251	Steel scrap No1 busheling, consumer buying price, delivered mill Cincinnati, \$/gross ton	10 Jan 2022	515	-10.43%	Dec 2021	575
MB-STE-0252	Steel scrap shredded auto scrap, consumer buying price, delivered mill Cincinnati, \$/gross ton	10 Jan 2022	445	-11.88%	Dec 2021	505
MB-STE-0253	Steel scrap machine shop turnings, consumer buying price, delivered mill Cincinnati, \$/gross ton	10 Jan 2022	227	-20.91%	Dec 2021	287



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0254	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Cincinnati, \$/gross ton	10 Jan 2022	425	-12.37%	Dec 2021	485

Alabama

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0213	Steel scrap No1 heavy melt, consumer buying price, delivered mill Alabama, \$/gross ton	10 Jan 2022	400	-11.11%	Dec 2021	450
MB-STE-0214	Steel scrap No2 heavy melt, consumer buying price, delivered mill Alabama, \$/gross ton	10 Jan 2022	390	-11.36%	Dec 2021	440
MB-STE-0215	Steel scrap No1 bundles, consumer buying price, delivered mill Alabama, \$/gross ton	10 Jan 2022	507	-10.58%	Dec 2021	567
MB-STE-0216	Steel scrap No1 busheling, consumer buying price, delivered mill Alabama, \$/gross ton	10 Jan 2022	515	-10.43%	Dec 2021	575
MB-STE-0217	Steel scrap shredded auto scrap, consumer buying price, delivered mill Alabama, \$/gross ton	10 Jan 2022	468	-9.65%	Dec 2021	518
MB-STE-0218	Steel scrap machine shop turnings, consumer buying price, delivered mill Alabama, \$/gross ton	10 Jan 2022	325	-13.33%	Dec 2021	375
MB-STE-0219	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Alabama, \$/gross ton	10 Jan 2022	445	-10.10%	Dec 2021	495
MB-STE-0220	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Alabama, \$/gross ton	10 Jan 2022	420	-10.64%	Dec 2021	470

South Carolina

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0322	Steel scrap No1 heavy melt, consumer buying price, delivered mill South Carolina, \$/gross ton	10 Jan 2022	410	-10.87%	Dec 2021	460
MB-STE-0323	Steel scrap No1 busheling, consumer buying price, delivered mill South Carolina, \$/gross ton	10 Jan 2022	500	-9.09%	Dec 2021	550
MB-STE-0324	Steel scrap shredded auto scrap, consumer buying price, delivered mill South Carolina, \$/gross ton	10 Jan 2022	440	-10.20%	Dec 2021	490
MB-STE-0325	Steel scrap machine shop turnings, consumer buying price, delivered mill South Carolina, \$/gross ton	10 Jan 2022	325	-13.33%	Dec 2021	375
MB-STE-0326	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill South Carolina, \$/gross ton	10 Jan 2022	420	-10.64%	Dec 2021	470

New York

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0379	Steel scrap No1 heavy melt, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	360	-1.37%	Dec 2021	372.5
MB-STE-0380	Steel scrap No2 bundles, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	310	-1.59%	Dec 2021	322.5
MB-STE-0381	Steel scrap machine shop turnings, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	255	-1.92%	Dec 2021	267.5
MB-STE-0382	Steel scrap mixed cast, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	355	-1.39%	Dec 2021	367.5

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0383	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	375	-1.32%	Dec 2021	387.5
MB-STE-0384	Steel scrap auto bodies, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	340	-1.45%	Dec 2021	352.5
MB-STE-0385	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	370	-1.33%	Dec 2021	382.5

Boston

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0366	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Boston, \$/gross ton	18 Jan 2022	340	0.00%	Dec 2021	358.75
MB-STE-0369	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Boston, \$/gross ton	18 Jan 2022	340	0.00%	Dec 2021	358.75
MB-STE-0370	Steel scrap auto bodies, export yard buying price, delivered to yard Boston, \$/gross ton	18 Jan 2022	225	0.00%	Dec 2021	235
MB-STE-0371	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Boston, \$/gross ton	18 Jan 2022	350	0.00%	Dec 2021	368.75

Los Angeles

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0372	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Los Angeles, \$/gross ton	18 Jan 2022	265	0.00%	Dec 2021	265
MB-STE-0373	Steel scrap No2 bundles, export yard buying price, delivered to yard Los Angeles, \$/gross ton	18 Jan 2022	165	0.00%	Dec 2021	165
MB-STE-0374	Steel scrap No1 busheling, export yard buying price, delivered to yard Los Angeles, \$/gross ton	18 Jan 2022	275	0.00%	Dec 2021	275
MB-STE-0375	Steel scrap machine shop turnings, export yard buying price, delivered to yard Los Angeles, \$/gross ton	18 Jan 2022	60	0.00%	Dec 2021	60
MB-STE-0378	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Los Angeles, \$/gross ton	18 Jan 2022	275	0.00%	Dec 2021	275

Seattle-Portland

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0409	Steel scrap No1 heavy melt, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	10 Jan 2022	(28)		Dec 2021	0
MB-STE-0411	Steel scrap machine shop turnings, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	10 Jan 2022	(28)		Dec 2021	0
MB-STE-0410	Steel scrap shredded auto scrap, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	10 Jan 2022	(28)		Dec 2021	0
MB-STE-0412	Steel scrap cut structural/plate 5ft max, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	10 Jan 2022	(28)		Dec 2021	0

Hamilton, Ontario

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0333	Steel scrap No1 heavy melt, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	11 Jan 2022	339	-18.12%	Dec 2021	414
MB-STE-0334	Steel scrap No1 bundles, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	11 Jan 2022	545	-12.10%	Dec 2021	620
MB-STE-0335	Steel scrap No1 busheling, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	11 Jan 2022	531	-12.38%	Dec 2021	606
MB-STE-0336	Steel scrap shredded auto scrap, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	11 Jan 2022	543	-12.14%	Dec 2021	618
MB-STE-0337	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	11 Jan 2022	362	-17.16%	Dec 2021	437

Houston

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0350	Steel scrap No1 heavy melt, dealer selling price, fob dealer yard Houston, \$/gross ton	11 Jan 2022	225	-21.05%	Dec 2021	285
MB-STE-0351	Steel scrap No1 busheling, dealer selling price, fob dealer yard Houston, \$/gross ton	11 Jan 2022	342	-14.93%	Dec 2021	402
MB-STE-0352	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard Houston, \$/gross ton	11 Jan 2022	275	-17.91%	Dec 2021	335
MB-STE-0353	Steel scrap machine shop turnings, dealer selling price, fob dealer yard Houston, \$/gross ton	11 Jan 2022	145	-29.27%	Dec 2021	205
MB-STE-0354	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard Houston, \$/gross ton	11 Jan 2022	260	-18.75%	Dec 2021	320

Weekly composite prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0531	Steel scrap No1 heavy melt, consumer buying price, delivered mill, \$/gross ton, weekly composite	14 Jan 2022	406.67	-12.54%	Dec 2021	
MB-STE-0526	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, \$/gross ton, weekly composite	14 Jan 2022	550	-9.84%	Dec 2021	
MB-STE-0523	Steel scrap shredded auto scrap, consumer buying price, delivered mill, \$/gross ton, weekly composite	14 Jan 2022	472	-10.22%	Dec 2021	

Pittsburgh stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STs-0046	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, \$/gross ton	18 Jan 2022	2262 - 2307	1.99%	Dec 2021	2122.75 - 2206.5
MB-STs-0047	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, \$/gross ton	18 Jan 2022	2128 - 2173	1.61%	Dec 2021	1993.5 - 2088.75
MB-STs-0133	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	2128 - 2173	-0.76%	Dec 2021	2150 - 2184
MB-STs-0134	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Jan 2022	1935 - 1956	-0.61%	Dec 2021	1949 - 1966

Chicago stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0067	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, \$/gross ton	18 Jan 2022	2262 - 2307	1.47%	Dec 2021	2139.25 - 2200.75
MB-ST5-0068	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, \$/gross ton	18 Jan 2022	2128 - 2173	1.06%	Dec 2021	2021.75 - 2088.75
MB-ST5-0069	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, \$/gross ton	18 Jan 2022	784 - 896	0.00%	Dec 2021	784.25 - 851.5

Detroit stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0087	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, \$/gross ton	18 Jan 2022	2240 - 2307	0.49%	Dec 2021	2139.25 - 2206.5
MB-ST5-0088	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, \$/gross ton	18 Jan 2022	2128 - 2240	3.19%	Dec 2021	2021.75 - 2088.75
MB-ST5-0048	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, \$/gross ton	18 Jan 2022	829 - 851	2.69%	Dec 2021	784 - 845.75

Cleveland stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0196	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Cleveland, \$/gross	04 Jan 2022	1568 - 1680	6.63%	Dec 2021	1478 - 1568
MB-ST5-0197	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Cleveland, \$/gross	04 Jan 2022	1456 - 1568	6.29%	Dec 2021	1389 - 1456

New York stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0115	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	2128 - 2139	0.78%	Dec 2021	2094.5 - 2131
MB-ST5-0116	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	1994 - 2016	4.37%	Dec 2021	1904 - 1938
MB-ST5-0117	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, \$/gross ton	18 Jan 2022	582 - 605	-18.48%	Dec 2021	717 - 739