

All metals news

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Top stories

Calcined alumina prices reach new high on surcharges, supply tightness

By Davide Ghilotti - Tuesday 07 December

The prices for calcined alumina products rose further in early December, underpinned by suppliers' high production costs and a perception of supply running below total demand, with some sellers resorting to shorter contracts amid the surge in costs and price volatility.

Prices for calcined alumina products for refractory applications rose for the third consecutive assessment, with market participants speaking of double-digit increases and a tight market overall.

"I'm already sold out – everything's taken [for next year]," a distributor of calcined alumina products in Europe said. "The market is short, and we are trying to allocate units to our historic and existing customers. We won't be able to accommodate new business. There is a tangible excess of demand."

Fastmarkets' monthly price assessment for [alumina, calcined, unground, 98.5-99.5% Al₂O₃, bulk, exw US/Europe, long-term contract](#), rose to \$850-1,000 per tonne on Thursday December 2, from \$800-900 per tonne one month earlier.

On the same day, the price assessment for [alumina, calcined, ground, 98.5-99.5% Al₂O₃, bulk, exw US/Europe, long-term contract](#), increased to \$1,000-1,200 per tonne from \$900-1,000 per tonne previously.

Similarly, the price assessment for [alumina, calcined, ground and unground, min 99.5% Al₂O₃, medium-soda, min 0.25% soda, bulk, exw US/Europe, long-term contract](#), rose month on month on December 2 to \$850-950 per tonne, from \$800-900 per tonne.

All three grades have reached multi-year high prices, fuelled by a combination of surcharges imposed by sellers, tight availability and underlying strong demand from refractories producers.

Earlier in the quarter, several producers announced non-negotiable surcharges on their sales to cover for the surge in energy prices in Europe.

[France-based Alteo](#) was the first company to announce such a move, in late September, but this was quickly followed by other suppliers of alumina products, including [Nabaltec](#) and [Imerys](#).

"All suppliers have surcharges in place now," one distributor told Fastmarkets. These were expected to be reviewed on a monthly or quarterly basis in conjunction with the evolution in energy prices.

The market had been going up despite these surcharges, however. Prices rose a few times earlier this year [in response to a swift return of demand](#) that pushed consumers to restock.

Securing supply, shorter contracts

"The conversation at the moment is mainly about ensuring the supply," another importer said. "Price has taken second place."

He echoed other supplier sources, saying that it would be difficult to meet additional demand on top of customers' historical consumption levels, and added that it was "quite possible" that non-core or occasional buyers would be unable to cover their needs.

Market participants expected to see further volatility in prices well into 2022, citing energy, logistics and other highly variable cost inputs.

Validity and duration of contracts have been adjusted as a consequence, with at least three sources comprising both sellers and distributors saying that so far they have signed mainly quarterly price agreements for 2022, instead of year-long deals as in previous years.

"These price levels are exceptional," one seller said. "Neither side wants to lock-in at these levels [in the] long term. It's not sustainable."

A second seller did not exclude the possibility that prices may ease back after the first quarter of 2022, when energy costs were expected to subside.

Alro Steel buys distributor Ace Steel

By Abby Verret - Tuesday 07 December

Metals distributor Alro Steel has acquired Roanoke, Virginia-based distributor Ace Steel, Alro said in a release on December 3.

The asset purchase will allow Alro Steel to grow its customer base for cut-to-size metals and plastics, the Jackson, Michigan-based company said.

"Ace Steel's customers will now have access to Alro's vast inventory including aluminum, carbon steel, stainless steel, tool steel, cast iron, red metals, alloys and plastics," according to the statement.

The Ace Steel location will continue to service the Roanoke Valley area.

"We are delighted that the Ace Steel team will join Alro and continue to provide quality materials with great customer service," Alro said.

This acquisition continues Alro's trend of expansion in recent years, including the [acquisition of Metal Stock in Philadelphia](#) in August.

Alro Steel, founded by brothers Al and Robert Glick in 1948, sells metals, industrial supplies and engineering plastics. The company currently operates more than 70 locations in 13 states as Alro Steel, Alro Metals, Alro Metals Outlet, Alro Industrial Supply and Alro Plastics.

"Alro and Ace Steel are both focused on exceeding our customers' expectations through superior service and outstanding teamwork," the statement added.

The acquisition date and selling price were not disclosed.

US Ni briquette premium hits new record high

By Orla O'Sullivan - Tuesday 07 December

The nickel briquette premium hit a new all-time high in the United States on Tuesday December 7, with scant supply and delayed arrivals resulting in higher spot deals.

Fastmarkets assessed the [nickel briquette premium, delivered Midwest US](#) at 75-90 cents per lb on December 7, up from the previous record high of 65-90 cents per lb set in the November 9 weekly assessment.

Isolated sales were reported as high as \$1 per lb.



"Briquettes I am sure were sold that high," one US nickel seller said.

"I was unable to offer briquettes for prompt release as vessels were delayed so whoever offered they should've increased the premium," he added.

The premium has set a series of record highs since July 20 with rounded, "flowable" forms of nickel in short supply. Nornickel has not brought spot briquette to the US for most of 2021, and Vale rounds are not being offered as much as they were prior to the June 1-August 4 strike at Vale Canada's Sudbury mine, sources said. Nornickel and Vale have repeatedly declined to respond on those points.

Meanwhile, there is booming global demand for nickel briquette in electric

vehicle batteries and strong stainless steel demand for a nickel shape that suits many mills.

Yet just about 10% of refined nickel production comes in the form of briquette, an oval of cindered powder.

The recent preference for scarce briquette led to that premium surpassing the premium for cut cathode on November 9 for the first time ever.

Fastmarkets began assessing US nickel by shape, rather than by grade, in March 2018. For most of that time, premiums were higher for the square cathode than the rounded briquette.

Base metals

New all-time high for US Ni briquette premium

By Orla O'Sullivan - Tuesday 07 December

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Toyota to build \$1.29 bln battery plant in United States

By Sofia Okun - Tuesday 07 December

Japan-based global carmaker Toyota and its trading arm, Toyota Tsusho, will build a \$1.29 billion car-battery manufacturing plant in the US state of North Carolina, it said on Monday December 6.

The new plant was expected to come online in 2025 and will deliver batteries for 800,000 vehicles per year, with potential to expand to 1.2 million vehicles per year.

Toyota will fund the new investment from a \$3.4 billion fund announced in October 2021.

The company did not disclose its sources of lithium for the new venture. But Toyota Tsusho and global mining company Orocobre operate the Olaroz lithium brine facility in Argentina, and are building the Naraha lithium conversion plant in Japan, with plans to commission it in 2022.

Other carmakers have also recently announced plans to create battery factories, as part of the global move toward electric mobility with either full battery electric vehicles or hybrid models.

Stellantis, which was formed via the merger of Fiat Chrysler Automobiles and France's PSA Group in 2021, has announced that [three such factories will be built in Europe](#).

In the US, General Motors planned a battery cell plant with LG Chem, to start production in 2022, while Ford has teamed up with South Korea's SK Innovation and expected to begin production in 2025.

In the past two years, car manufacturers have seen the effects of the Covid-19 pandemic both [reduce production and demand, and create shortages](#) of materials and components.

Lithium and other battery ingredients [have been in short supply in the past year](#).



MineHub adds carbon tracking, ESG compliance to digital platform

By Andrea Hotter - Tuesday 07 December

MineHub Technologies has launched a way for the mining and metals supply chain to digitalize the administration, certification and reporting of environmental, social and governance (ESG) credentials - including direct and indirect carbon emissions - related to the products they sell, buy and finance, the blockchain technology platform said.

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

Arnoud Star Busmann, MineHub's chief executive officer, said that almost every conversation the company has with customers and prospective users inevitably includes a reference to ESG disclosure and tracking.

"This new solution is an integral part of the MineHub vision and is now an urgent requirement - both for the world and for individual companies," he said.

"This first release of the ESG solution will immediately start helping companies on their ESG journey and can actually be used well beyond mining and metals, in any supply chain," he added.

According to MineHub, the solution is integrated with the core MineHub platform and allows users to capture and administer ESG credentials, including the emissions intensity of their brands and products. This means the certified ESG data is automatically included in the transaction data sets related to the sale, purchase or financing of products, it said.

It also allows users to automate the accounting and reporting of Scope 3 emissions because they connect their suppliers and customers to the MineHub platform, in addition to requesting and recording third party certification of their ESG credentials, MineHub added.

Scope 3 emission sources include emissions both upstream and downstream of a company's activities, which can make tracking and provenance difficult to achieve because they require a shared data system across the supply chain.

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.

MineHub said it is also integrating with partners to further increase the breadth and depth of ESG-related data and certifications that users want to provide or need to verify as part of their ESG compliance and tracking needs.

MineHub was launched in 2019 with the goal of improving efficiency, transparency and security in trading operations and in environmental and social governance (ESG) compliance in the mining and metals supply chains.

It is being used by a number of companies including the BHP Group and Vale, each of which have used it separately to trade iron ore with steel producer China Baowu Steel Group.

MineHub Technologies, which recently listed on Canada's TSX Venture Exchange, has been rolling out additional functionality to its platform, mostly recently launching a [digital assay application](#) for base metals concentrates.

MJP aluminium stocks up by 3,100 tonnes month on month in October

By Liz Ng - Tuesday 07 December

Stocks of aluminium held at the major Japanese ports (MJP) edged up by 3,100 tonnes month on month to 287,100 tonnes in October, according to the latest data from trading house Marubeni.

Stocks were up by 1.1% compared with September's 284,000 tonnes and by 2.9% year on year from 279,100 tonnes in October 2020.

All MJP warehouses registered inflows, with rising stocks reflecting slower consumption in the approach to the year's end and with the onset of lower temperatures typically bringing about a seasonal lull, sources told Fastmarkets.

Osaka warehouses registered the largest inflows, with aluminium stocks rising by 1,700 tonnes, or 11.6%, on a month-on-month basis to 16,300 tonnes in October, although stocks there were down by 3,700 tonnes, or 22.7%, compared with October 2020.

Stocks in Yokohama warehouses were up by 900 tonnes, or 0.7%, month on month to 123,200 tonnes in October, but were down by 25,400 tonnes, or 7.1%, compared with October 2020's 148,600 tonnes.

October stocks in Nagoya warehouses, meanwhile, increased by just 500 tonnes, or 0.3%, to 147,600 tonnes month on month, but were up by 37,100 tonnes, or 33.6% compared with October 2020..

Rising stocks in the world's second largest importer of aluminium signals a more muted demand, with [initial producer offers for the first quarter of 2022](#) coming in at \$195 per tonne, which is 10.4% lower than the [MJP premium for the fourth quarter](#), which was settled at \$215-220 per tonne.

Consumers and traders continued to report a quiet spot market, with deals heard in the week to December 10 at \$130-140 per tonne. This follows weeks of fractured liquidity and low buying interest. The weak spot market is expected to weigh on ongoing quarterly discussions and is likely to lead to extended negotiations.

Fastmarkets assessed the [aluminium P1020A \(MJP\) spot premium, cif Japan](#) at \$165-180 per tonne on December 7, narrowing downward by \$5 per tonne from \$170-180 on December 3, having been flat for three straight weeks.

ALUMINIUM STOCKS AT MAIN JAPANESE PORTS (tonnes)			
Port	October 2021	September 2021	October 2020
Yokohama	123,200	122,300	148,600
Nagoya	147,600	147,100	110,500
Osaka	16,300	14,600	20,000
Total	287,100	284,000	279,100
Source: Marubeni Corp, compiled by Fastmarkets			



Brazilian alumina exports up by 30% in November

By Renato Rostás - Tuesday 07 December

Brazil increased its alumina exports in November 2021 by 29.78% year on year, with volumes from Alunorte growing at a faster pace, according to data from the ministry of economy published on Monday December 6.

The country exported 713,074 tonnes during November, up from 549,444 tonnes in the corresponding month of 2020.

Exports from the port of Belém, in the northern state of Pará, were 449,250 tonnes, a 44.13% year-on-year jump from 311,698 tonnes, while the port of São Luís in the northeastern state of Maranhão exported 257,919 tonnes, a 9.54% increase from 235,461 tonnes a year before.

Norsk Hydro's Alunorte refinery is located in Pará, while Alumar, owned by Alcoa, South32, Rio Tinto and Alumina Ltd, is in Maranhão.

According to the ministry, export revenues totaled \$255.07 million on an fob basis, up by 73.59% compared with \$146.94 million in November 2020. The average price was \$357.71 per tonne, a 33.76% increase from \$267.43 per tonne on an annual basis.

Fastmarkets' alumina index, fob Australia, was calculated at \$346.01 per tonne on Monday, falling by 1.01% from \$367.72 per tonne the day before and also down by 4.94% from \$382.91 per tonne a week earlier.

The index averaged \$406.80 per tonne in November, up by 46.95% from \$276.83 per tonne in the corresponding month last year.

And Fastmarkets' alumina index inferred, fob Brazil, was \$383.15 per dry metric tonne on Monday, a 0.96% daily decrease from \$386.86 per dmt and 6.51% lower than \$409.85 per dmt on November 29.

In November, the average was \$437.75 per tonne, rising by 59.36% from \$274.69 per tonne a year before.

The economy ministry's data also showed that Brazilian bauxite exports were

577,956 tonnes during November, up by 72.87% from 334,335 tonnes in the corresponding month of 2020.

China trade data supports LME base metals

By Justin Yang - Tuesday 07 December

Base metals on the London Metal Exchange had an upbeat open on Tuesday December 7, supported by market expectations of a stabilizing economy in China.

China eased its monetary policy by cutting its reserve requirement rate (RRR) by 0.5% to 8.4% overnight before Monday's open, and trade data from the country showed imports grew 31.7% in November compared with the same time last month.

"The Chinese RRR cut, the good Chinese trade data and the rebound in iron ore prices are also supportive factors," Fastmarkets' head of base metals and battery research William Adams said.

Zinc led the base metals in gains, trading at \$3,234 per tonne, up by 2.2% from \$3,162.50 per tonne on Monday's close.

Nickel also had a strong open, trading at \$20,110 per tonne, up from Monday's close of \$19,820 per tonne.

Trade data from China, the world's largest copper consumer, showed the country imported 510,402 tonnes of unwrought copper and copper materials in November, up from 410,541.3 tonnes in October.

"The good Chinese trade data that was published [on Tuesday] appears to be helping to only a limited extent. Overall, Chinese imports in November were considerably up on the same month last year and higher than anticipated," analyst at Commerzbank Daniel Briesemann said.

Copper broke the \$9,600-per-tonne level on Tuesday, trading at \$9,606 per tonne during the open and up from \$9,505 per tonne on Monday's close.

Other highlights

Aluminium increased to \$2,620 per tonne Tuesday, up from \$2,588 per tonne during Monday's close.

Minor metals

Rise in international benchmark cobalt metal prices slows amid thin spot buying; offers still firm

By Dalila Ouerghi - Tuesday 07 December

Key data from the Tuesday December 7 pricing session in London.

COBALT, ALLOY GRADE (in-whs Rotterdam, \$ per lb)			
New price	Previous price	Change to midpoint of range	Midpoint % change
31.90-32.70	31.90-32.70	0	0
COBALT, STANDARD GRADE (in-whs Rotterdam, \$ per lb)			
New price	Previous price	Change to midpoint of range	Midpoint % change
31.90-32.70	31.90-32.70	0	0

Source: Fastmarkets

**Key drivers**

- International spot cobalt metal prices started the week steady, at \$31.90-32.70 per lb for a third consecutive session amid thin spot buying interest since the end of last week.
- A drop in buying interest in-whs Rotterdam is partly related to a national holiday in a number of European countries on December 8.
- Some profit taking was seen during the last session at the bottom end of the assessed spot range across the two grades.
- Spot prices rose sharply since the beginning of the fourth quarter, underpinned by strength in prices for long-term contracts and tight availability of certain brands.
- Spot cobalt metal prices in-whs Rotterdam were assessed on December 3 at the highest level in at least two years, according to historical data.
- Nonetheless, material remains in strong hands with sellers aggressively pushing offers higher on a daily basis amid expectations of higher prices in the near term.

Key quotes

"I don't think [the rally in spot prices has] halted; where are all the offers and concluded business levels in the EU? All above \$32 per lb as I hear," one producer source said.

"I'm not sure the market has 'halted' – possibly a pause for breath given the speed at which it has been moving, and also this time of the year activity may slow a little. The availability I'm seeing at the low [I would guess] is a little profit taking," a trader in Europe said.

"The spot market is well underpinned, although I am surprised by how quickly it went up over the last month. I have recently concluded a lot of forward business with consumers for the first half of next year at prices in the mid-\$32s per lb and, interestingly, although consumers usually prefer to buy on a formula basis, in the last round of negotiations they preferred to use a fixed forward price as they are afraid of further price increases," a trader in the United States said.

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

By pricing@fastmarkets.com - Tuesday 07 December

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 31.90-32.70 on Tuesday December 07, 2021.

- Sale at \$33.75 for small tonnage
- Offer at \$32.00-32.70
- Offer at \$33.50 for large tonnage
- Bid at \$32.00
- Prices indicated at \$31.90-32.70
- Prices indicated at \$31.90-32.70
- Prices indicated at \$31.90-32.70
- Prices indicated at \$32.00-32.75
- Prices indicated at \$32.00-32.75
- Prices indicated at \$32.00-32.75
- Prices indicated at \$32.10-33.35
- Prices indicated at \$32.50-33.00

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 - Tuesday 07 December

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Fastmarkets assessed Cobalt standard grade, in-whs Rotterdam, \$/lb at 31.90-32.70 on Tuesday December 07, 2021.

- Sale at \$32.85 for large tonnage (discarded – off grade)
- Sale at \$33.00 for small tonnage (discarded – off grade)
- Offer at \$31.90
- Offer at \$32.00 for standard tonnage
- Offer at \$32.25
- Offer at \$32.00-32.70
- Offer at \$33.50 for standard tonnage
- Bid at \$32.00
- Prices indicated at \$31.90-32.70
- Prices indicated at \$31.90-32.70
- Prices indicated at \$31.90-32.70
- Prices indicated at \$32.00-32.75
- Prices indicated at \$32.00-32.75
- Prices indicated at \$32.10-33.35
- Prices indicated at \$32.50-33.00

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China's magnesium prices strengthen amid environmental checks

By Ruby Liu - Tuesday 07 December

China's domestic magnesium prices increased on news of month-long environmental checks in December, with producers raising prices and some traders stocking up on materials, according to sources.

Fastmarkets' price assessment for **magnesium, 99.9%, exw China** was 37,000-38,000 yuan (\$5,802-5,959) per tonne on Friday December 3, an increase of 2,000 yuan per tonne (5.6%) from 35,000-36,000 yuan per tonne a week earlier.

China's Central Environmental Inspection Team sent its inspectors to Heilongjiang, Guizhou, Shaanxi, and Ningxia since early December to carry out a month-long environmental probe in those provinces, sources said.

"I heard that Fugu county will be the focus of the environmental checks in Shaanxi province. Local authorities are waiting for the Central Environmental Inspection Team to come to the county. They will stay for a month," a trader said.

Yulin city's Fugu county in Shaanxi province is China's magnesium production hub. The county also has rich coal resources.

Production of magnesium in the county **was disrupted in late September due to a power crunch** experienced throughout many parts of China then. The magnesium industry, along with sectors such as ferro-alloy and semi-coke, consumes high energy levels and produces high emissions.

"Magnesium plants in Fugu are still operating normally. They are waiting for detailed instructions from the environmental inspection team," a producer source said.

A second trading source told Fastmarkets that some traders were actively purchasing the material out of concern over a potential supply shortage and higher prices.

Sources told Fastmarkets there is a possibility that magnesium plants would be ordered to cut output or even suspend operations if they fail to meet environmental protection requirements.

"Magnesium producers have taken the opportunity to raise prices," the second trader said.

The rising domestic magnesium prices prompted Chinese exporters to revise their offers upward despite a slow overseas market.

Fastmarkets' weekly price assessment for **magnesium, 99.9% Mg min, fob China main ports** was \$6,200-6,500 per tonne last Friday, up by \$100-200 per tonne (2.4%) from \$6,100-6,300 per tonne a week earlier.

"I only received very few overseas inquiries for magnesium. And those buyers bargained hard, so I haven't concluded a deal in recent weeks," a third trader said.

The source added: "Considering the environmental checks, I would rather raise export prices because domestic prices could climb very fast."

The trader is now just focusing on receivables and arranging shipments for previous orders amid the inactive overseas market.

Ores and alloys

Fastmarkets AMM: Ferro-alloys December 7

By Chris Kavanagh - Tuesday 07 December

The latest ferro-alloy prices from Fastmarkets price reporters.

Fastmarkets AMM FERRO-ALLOYS
OCTOBER 1, 2021

ALLOY DESCRIPTION	LOCATION	CURRENT PRICE	PREVIOUS PRICE	% CHANGE
CHROMIUM ORE				
Chinese Ore, South Africa, UG2 concentrates, 45% India basis, c.i.f. China, \$ per tonne	South Africa	165	165	0.0%
Chinese Ore, Turkey Lumpy 40-42%, c.i.f. main Chinese ports, \$ per tonne	Turkey	280-305	280-305	0.0%
FERRO-CHROME				
High carbon				
Ferro-chrome 6-8% C, max. 60-70% Cr, max. 1.5% Si, United States In-warehouse Pittsburgh, \$ per lb Cr	USA	1.72-1.90	1.75-1.90	▼1.09
Ferro-chrome 6-8% C, max. 60-70% Cr, max. 1.5% Si, delivered Europe, \$/lb Cr		1.72-1.90	1.75-1.90	▼1.09
Ferro-chrome 6-8.5% C, basis 60-64.9% Cr, max 3% Si, of Europe, \$/lb Cr		1.44-1.50	1.48-1.54	▼2.65
Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, \$/lb		2.00-2.20	2.00-2.20	0.00
Ferro-chrome 50% Cr import, c.i.f. main Chinese ports, \$/lb contained Cr		1.18	1.23	▼4.07
Ferro-chrome high carbon 57-65% Cr, c.i.f. dup Japan, \$/lb		1.25-1.28	1.29-1.32	▼3.05
Ferro-chrome high carbon 57-65% Cr, c.i.f. dup South Korea, \$/lb		1.23-1.25	1.28-1.31	▼4.62
Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne		9,200-9,400	9,400-9,800	▼3.13
Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, \$/lb		1.93	1.93	0.00
Chromium Ore				
Chromium Ore South Africa UG2 concentrates index basis 42%, of China, \$/tonne		170	162	▲4.94
Chromium Ore Turkish lumpy 40-42%, c.i.f. main Chinese ports, \$/tonne		280-305	280-300	▲0.86

Source: Fastmarkets

GLOBAL FERRO-CHROME AND CHROME ORE PRICES

	New price	Previous price	% Change
Ferro-chrome high carbon 6-8.5% C, basis 60-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	1.72-1.90	1.75-1.90	▼1.09
Ferro-chrome, high carbon, 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	1.72-1.90	1.75-1.90	▼1.09
Ferro-chrome, high carbon, 6-8.5% C, basis 60-64.9% Cr, max 3% Si, of Europe, \$/lb Cr	1.44-1.50	1.48-1.54	▼2.65
Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, \$/lb	2.00-2.20	2.00-2.20	0.00
Ferro-chrome 50% Cr import, c.i.f. main Chinese ports, \$/lb contained Cr	1.18	1.23	▼4.07
Ferro-chrome high carbon 57-65% Cr, c.i.f. dup Japan, \$/lb	1.25-1.28	1.29-1.32	▼3.05
Ferro-chrome high carbon 57-65% Cr, c.i.f. dup South Korea, \$/lb	1.23-1.25	1.28-1.31	▼4.62
Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	9,200-9,400	9,400-9,800	▼3.13
Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, \$/lb	1.93	1.93	0.00
Chromium Ore South Africa UG2 concentrates index basis 42%, of China, \$/tonne	170	162	▲4.94
Chromium Ore Turkish lumpy 40-42%, c.i.f. main Chinese ports, \$/tonne	280-305	280-300	▲0.86

Source: Fastmarkets

China

- The UG2 chrome ore market continued to rise following improved operating rates in northern China, in addition to concerns about interrupted shipments from South Africa due to the omicron variant of Covid-19, along with global logistics issues.
- Declining December tender prices from major stainless steel mills, alongside a weaker demand outlook due to production cuts in the stainless steel sector, weighed on sentiment in the domestic ferro-chrome market.
- The charge chrome import market followed the domestic market lower amid low liquidity, falling another 5 cents to \$1.18 per lb from \$1.23 per lb previously.
- Turkish lumpy chrome ore markets rose slightly amid high container prices and solid demand.

Japan and South Korea

- Ferro-chrome import prices in both markets trended downward, in line with the price decline in China.
- Liquidity was limited due to tepid spot demand, while Indian sellers noted tight availability amid production constraints and previous bookings to China and European countries.

Europe

- A number of market participants noted a generally softer market for high-carbon ferro-chrome, with destocking activity expected in the coming days heading toward year end, causing the price range to widen downward.
- Low-carbon ferro-chrome prices also softened, with participants continuing to focus on finalizing long-term contracts.
- Spot deals were noted across the range, but the market's future direction remained hazy with some participants pointing to low demand.
- Meanwhile, demand for cars is reportedly expected to remain high into 2022, which could provide support amid rising stainless steel requirements, alongside ongoing issues over freight and energy costs in addition to limited supply.

United States

- The US high-carbon ferro-chrome market was steady this past week amid limited spot trading activity.
- Limited availability of stocks have helped prop up pricing while spot demand remains dormant.
- Market participants suspect prices will continue to hold up for the near term due to the current supply situation.

UG2 prices continue upward trend; ferro-chrome loses steam

By Chris Kavanagh, Sybil Pan, Claire Patel-Campbell - Tuesday 07 December

Key data from Fastmarkets' ferro-chrome pricing sessions in China, Europe and the United States in the week ended Tuesday December 7.



Delayed publication of chrome index, ferro-chrome price assessments

By Cristina Belda - Tuesday 07 December

The publication of Fastmarkets' UG2 chrome ore concentrates index and ferro-chrome benchmark indicator - as well as the price assessments for chrome ore and ferro-chrome - were delayed on Tuesday December 7 because of an error in the approval process.

Fastmarkets published the chrome index and ferro-chrome prices later than 3pm due to an approval error. The Fastmarkets price book and database have both since been updated.

The affected prices are:

MB-CHO-0003 chrome ore South Africa UG2/MG concentrates index, cif China, \$ per tonne

MB-FEC-0019 ferro-chrome, lumpy Cr, benchmark indicator, charge basis 52% (and high carbon), Europe, \$ per lb

MB-CHO-0002 chrome ore, Turkish lumpy, 40-42%, cfr main Chinese ports, \$ per tonne

MB-FEC-0011 ferro-chrome, 50% Cr, import, cif main Chinese ports, \$ per lb contained Cr

MB-FEC-0004 ferro-chrome, high carbon, 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, \$ per lb Cr

MB-FEC-0021 ferro-chrome, high carbon, 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, \$ per lb Cr

For more information, or to provide feedback on the delayed publication of these indices and prices, or if you would like to provide price information by becoming a data submitter to these indices and prices, please contact Claire Patel-Campbell by email at: pricing@fastmarkets.com. Please add the subject heading 'FAO: Claire Patel-Campbell, re: UG2 chrome ore index.'

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

Reminder of discontinuation of 60-70% Cr high-carbon ferro-chrome assessment

By Jon Stibbs, Claire Patel-Campbell - Tuesday 07 December

Fastmarkets will complete the phasing-out of its price assessment for 60-70% Cr high-carbon ferro-chrome at the end of 2021 in favor of two new ferro-chrome price assessments.

These will assess prices for **ferro-chrome, high carbon, 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe**, and **ferro-chrome, high carbon, 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe**. Both will be evaluated in \$ per lb Cr.

Since the two new ferro-chrome prices were launched in October 2020, Fastmarkets has applied all data that would formerly have fallen into its assessment for **ferro-chrome high carbon 6-8.5% C, basis 60-70% Cr, max 1.5% Si, delivered Europe**, into the new assessments, following consultation with the market.

The phasing-out process will be completed at the end of this year, with discontinuation of the assessment for **ferro-chrome, high carbon 6-8.5% C, basis 60-70% Cr, max 1.5% Si, delivered Europe**.

All liquidity that would have been in that assessment has been included in the two newer prices since October 2021.

For example, a trade for 50 tonnes for 63% ferro-chrome with 1.5% silicon would be included in the price assessment for **ferro-chrome, high carbon, 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe**.

The specifications of the continuing prices are as follows:

MB-FEC-0020 Ferro-chrome, high carbon, 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, \$ per lb Cr

Quality: Lump, Cr 60-64.9%, C 6-8.5%, Si 3% max

Quantity: Min 24 tonnes

Location: cif major European ports (other incoterms will be normalized)

Unit: USD per lb of chrome contained

Payment terms: 30 days, other payment terms normalized

Publication: Weekly, Tuesday, 2-3pm London time.

MB-FEC-0021 Ferro-chrome, high carbon, 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, \$ per lb Cr

Quality: Lump, Cr 65-70%, C 6-8.5%, Si 1.5%

Quantity: Min 24 tonnes

Location: Delivered consumer works Europe (other incoterms will be normalized)

Unit: USD per lb of chrome contained

Payment terms: 30 days, other payment terms normalized

Publication: Weekly, Tuesday, 2-3pm London time.

If you have any comments on the discontinuation of this price, or if you would like to provide price information by becoming a data submitter to the continuing prices, please contact Claire Patel-Campbell by email at: pricing@metalbulletin.com. Please add the subject heading 'FAO: Claire

Patel-Campbell, re: high carbon ferro-chrome.'

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



Steel

HRC index tumbles to lowest in 5-plus months

By Dom Yanchunas - Tuesday 07 December

Hot-rolled coil prices in the United States weakened to their lowest point in more than five months after December indifference among buyers forced January mill offers to fall and lead times to narrow.

Fastmarkets' daily [steel hot-rolled coil index, fob mill US](#) was calculated at \$85.31 per hundredweight (\$1,706.20 per short ton) on Tuesday December 7, a decrease of 2.09% from \$87.13 per cwt on December 6 and down by 4.69% from \$89.51 per cwt a week ago.

Fresh inputs were received in the distributor and consumer sub-indices in a range of \$80-89 per cwt, representing deals, mill offers and general assessments of current spot-market pricing. Any data received under Data Submitter Agreements or subject to a confidentiality request will not be published. Inputs were carried over in the producer sub-index due to a lack of liquidity there.

Heard in the market

The index on Tuesday descended to its lowest point since June 28 and has now lost 13.17% from its September peak of \$98.25 per cwt.

Lead times are reported to be three to five weeks for HRC. [Sources said mill offer prices continue to slide](#) during a month when service centers are not keen to stock up on domestic material at over \$80 per cwt when imports are en route at a price range of \$60-70 per cwt.

US producers are still operating quite profitably at current prices, but buyers do not expect mills to allow a freefall in pricing before taking steps to curtail their output in the first quarter, possibly through unscheduled outages. Distributors are eager to work through their higher-priced inventory in the meantime to close out their year-end accounting.

Quote of the day

"It's definitely going down... much lower than \$85" per cwt, one Great Lakes service center source said. "The mills are obviously still making money at that price. But how low will they let it go down before they find that 'crack in the blast furnace' or 'a problem in our strip mill?' I can't see them letting it go down to \$50 [per cwt] before they start to control capacity."

Felipe Peroni in São Paulo contributed to this report.

Mexican steel scrap prices mostly stable, with sparse increases

By Felipe Peroni - Tuesday 07 December

Mexican ferrous scrap prices had diverging trends in the week ended Friday December 3, with a few price increases heard in large volume deals.

Most buyers were successful in keeping their prices stable during the week, despite some upward pressure from sellers. But in both the Bajío and Monterrey regions, a few scrap buyers were heard returning to the market after a period of absence, and therefore placed high bids to secure material.

Fastmarkets' assessment of the steel scrap No1 heavy melt, consumer buying price, delivered mill Monterrey was stable week on week on Tuesday

December 7, at 6,850 pesos (\$323) per tonne.

Fastmarkets assessed the steel scrap No1 busheling, consumer buying price, delivered mill Monterrey at 10,950 pesos per tonne, up by 100 pesos from 10,850 pesos per tonne a week before.

Fastmarkets assessed the steel scrap No1 busheling, consumer buying price, delivered mill Bajío stable week on week at 11,200 pesos per tonne, while the assessment of the steel scrap machine shop turnings, consumer buying price, delivered mill Bajío stood at 6,450 pesos per tonne, also stable from the previous week.

The price changes were not widely applied in the market but focused on deals of large volumes.

"It is frustrating how prices are stable," a scrap seller said.

Despite the adjustments, most market participants expect prices to remain largely stable, especially since scrap prices in the United States were sideways in December settlements.

"Any price adjustments will be small and isolated," a source in the Mexican scrap market said.

The reason for the flat trend was weakness in the Mexican steel market.

Another negative factor in the steel market was the US Department of Commerce issuing a preliminary anti-dumping determinations on imports of rebar from Mexico, according to a notice in the Federal Register dated December 3.

Brazil's automotive production falls 13.5% in November: Anfavea

By Renato Rostás - Tuesday 07 December

Total automotive production in Brazil reached 206,042 units in November, falling by 13.50% from 238,200 units in the same month of 2020 due to a component shortage, national auto manufacturers' association Anfavea said on Monday December 6.

On the flipside, and despite it being the worst November numbers in six years, those were actually the highest figures recorded by the industry group this year, Anfavea president Luiz Carlos Moraes said.

"In this context, I'd say we had a strong month," Moraes added. "We are having a lot of difficulties in logistics, to determine when ships are docking, and especially with the global semiconductor shortage."

Anfavea reported that new vehicle registrations totaled 172,964 units in November, 23.13% lower than 225,010 units a year before. Domestically-produced registrations were 148,304 units, down by 27.69% in the same comparison.

It was the lowest November data since 2005, according to the association. The decline was not steeper because of growing demand for trucks and buses, mostly, Moraes stated.

Additionally, the Brazilian automotive industry exported 28,018 units last month, a 36.33% year-on-year decrease from 44,007 units. Aside from lower export availability because of lower production, the executive said figures had been unusually high in November 2020, when the sector was recovering fast from stoppages caused by the Covid-19 pandemic.

Inventories were slightly higher on a monthly basis. Stocks amounted to 103,800 units, worth 18 days in sales, from 93,500 in October, at 16 days.



While Anfaeva's 2021 outlook was maintained, Moraes said performance was slightly better than expected, and the industry was on track to deliver the higher end of the range.

The association **expected production to total 2.13-2.22 million units in 2021**, 6-10% higher than 2.01 million units a year before. New registrations were estimated at 2.04-2.12 million units, down by 1% or up by 3% from 2.06 million units in 2020, and exports, at 356,000-377,000 units, a 10-16% increase from 324,000 units in the same comparison.

Moraes, citing industry experts, said semiconductor chip supply was expected to be normalized in 2023, thus still having an impact on Brazilian automotive output.

"2021 was the supply crisis year," the executive said. "In addition to chips, we also see a shortage of tires and few other components. Costs have also been rising amid a container shortage, vessel delays, inflation in Brazil..."

Steel prices might add to that cost inflation next year. Steelmakers and auto manufacturers are currently discussing 2022 contracts, and the national distributor association, Inda, **estimates a 50-60% price increase would be feasible**, judging by the spot uptrend in 2021.

Fastmarkets' price assessment for **steel hot-dipped galvanized coil, domestic, monthly, exw Brazil** was 9,060-9,080 Reais (\$1,597-1,601) per tonne on November 12, down from an all-time high 9,560-10,190 Reais per tonne on October 8 but still significantly higher than 5,360-5,490 Reais per tonne on December 11, 2020.

Russia to have new 1-mln tpy rail-rolling mill by 2024-25, MEIS hears

By Vlada Novokreshchenova - Tuesday 07 December

Novostal-M, one of the owners of Russia's Abinsk Electric Steel Works and Balakovo Steel Mill, is working on the construction of a rail-rolling mill at the Balakovo site which will have capacity for 1 million tonnes per year, Fastmarkets learned during its Middle East Iron & Steel (MEIS) event.

"The mill will be able to produce beams, 150-meter rails, Larsen sheet piles, Z- and U-sheet piles, mountain profiles and many other [products]," chief executive officer Ivan Demchenko said during the event in Dubai, being held December 6-8.

Investment in the project, projected to come on stream in 2025, was more than \$700 million. Demchenko said, however, that it may come into operation as early as 2024.

"This project will increase the production of rails and beams in Russia by 30% and will be the biggest competitor for [fellow steelmaker] Evraz," he added.

At the moment, Novostal-M has capacity to produce a total of 2.8 million tpy of long products such as rebar, wire rod, angles, strips, channels and square bar.

"Currently, we are the biggest exporter of long products in Russia," Demchenko said. "Around 50% of our production goes to export to 70 countries. We have experience in trading to regions such as North America, Africa, Europe and Asia."

Fastmarkets' price assessment for **steel wire rod (mesh quality), export, fob Black Sea, CIS**, was \$730-800 per tonne on December 6, narrowing from \$720-820 per tonne a week before.

The corresponding price assessment for **steel reinforcing bar (rebar), export, fob Black Sea, CIS**, was \$725-740 per tonne on the same day, down by \$10-25 per tonne week on week.

Because the company will soon have increased capacity, Novostal-M decided

to improve its logistics options. The Abinsk mill is located close to Novorossiysk, one of Russia's biggest ports. "But we decided to construct the biggest river port since Soviet Union times on the River Volga," Demchenko said, although he did not give a timeline for its construction.

Low demand keeps Russian HR, CR steel sheet prices subdued

By Elina Virchenko - Tuesday 07 December

Attempts by Russian steel mills to increase their prices for December deliveries of hot-rolled (HR) and cold-rolled (CR) sheet steel products in the country's Central Federal District around Moscow were unsuccessful during the week ended Monday December 6, due to seasonally soft demand, sources told Fastmarkets.

An exception was steel heavy plate, for which a price increase was supported by limited supply from the mills.

At the end of November, some producers offered material to traders for December delivery without a specific price. Those traders booked smaller volumes than expected, covering only their minimal monthly requirements, or preferred to skip purchasing due to the uncertainty of price developments in the near term, sources told Fastmarkets.

Amid this lower demand, the higher December prices for HR and CR sheet were not achieved, and values instead remained close to those at the end of November.

Hot rolled sheet

Fastmarkets' weekly price assessment for **steel hot-rolled sheet, domestic, cpt Moscow, Russia**, was 76,000-77,000 roubles (\$1,027-1,041) per tonne on Monday, inclusive of 20% value-added tax. This price narrowed downward by 3,000 roubles per tonne from **76,000-80,000 roubles a week earlier**.

Magnitogorsk Iron & Steel Works (MMK) still has not specified its December price level. At the end of November, it had asked traders booking December deliveries of HR sheet to set the price based on the actual volumes of orders. Traders who submitted their monthly requirements believed that the workable level should be 76,000-77,000 roubles per tonne cpt.

The price for HR sheet from Novolipetsk Steel (NLMK) was 76,000 roubles per tonne cpt for stock agreement holders. Certain traders have stocking agreements with mills whereby they receive material into inventory without advance payment. These traders can then buy agreed tonnages from this inventory at any time at the prevailing price.

Meanwhile, demand in the HR sheet secondary market remained weak, mostly due to the seasonal slowdown, according to traders, but prices were slightly improved.

HR sheet from large traders in the secondary market was available at 77,500-79,000 roubles per tonne cpt on Monday, narrowing upward from 77,000-79,000 roubles per tonne cpt a week earlier.

Heavy plate

Demand for heavy plate looked better in comparison to HR sheet, according to traders, mainly due to a limited supply from mills.

Fastmarkets' weekly price assessment for **steel plate, domestic, cpt Moscow, Russia**, was 79,000-81,000 roubles per tonne on Monday, narrowing upward from 76,000-81,000 roubles per tonne cpt last week.

Heavy plate from Asha Steel was on offer at 79,000-81,000 roubles per tonne cpt, compared with 81,000 roubles per tonne cpt reported by one trader last week.



The wider price range for Asha Steel's heavy plate depended on the railway freight tariffs for different types of buyers, and some special terms between particular buyers and the mill, according to the same trader, who received an offer at the high end of the range.

Some bookings were made for MMK heavy plate, but the price was not revealed at the time of the publication, according to the trader.

In the secondary market, heavy plate in gauges up to 16mm was on offer at 82,000 roubles per tonne, while 18-20mm material was priced 90,000-96,000 roubles per tonne.

Cold-rolled sheet

Fastmarkets' weekly price assessment for [steel cold-rolled sheet, domestic, cpt Moscow, Russia](#), was 83,000-88,000 roubles per tonne on Monday, widening downward from 85,000-88,000 roubles per tonne a week earlier.

CR sheet for November deliveries out of safe-stocking agreements with NLMK was quoted at 83,000 roubles per tonne.

The price for CR sheet for December delivery from Severstal was set by the producer at 88,000 roubles per tonne at the end of November, but this was not accepted by buyers. They believed that no price above 85,000 roubles per tonne was workable, considering the availability of cheaper options from other Russian producers as well as imports.

Ukrainian material from Metinvest's Zaporizhstal Iron & Steel Works was on offer around 81,000 roubles per tonne cpt. This import price was not included in the assessment range.

UAE, Saudi Arabia flat steel import price decreases continue on weak demand

By Serife Durmus - Tuesday 07 December

Flat steel import prices in the United Arab Emirates and Saudi Arabia continued to decrease during the week ended Tuesday December 7 amid weak demand, sources told Fastmarkets.

The UAE celebrated its National Day from December 1-2 and resumed work on December 5.

No flat steel import deals to the country were heard during the short work week.

Also contributing to the lack of deals were expectations of price decreases among most buyers due to [falling prices in China](#).

Despite having [low stock levels](#), buyers preferred to wait for signs on the direction of prices, sources told Fastmarkets.

Saudi Arabia

India offered 2mm thick hot-rolled coil at \$850 per tonne cfr Saudi Arabia, down from offers at \$920-930 per tonne cfr last week.

Taiwan sold 1.2mm thick HRC at \$930 per tonne cfr during the week, which normalizes to \$890 per tonne cfr for 2mm HRC.

Fastmarkets' weekly price assessment for [steel HRC, import, cfr Saudi Arabia](#) was \$850-890 per tonne on December 7, narrowing downward by \$30 from \$850-920 per tonne on November 30.

UAE

Hot-rolled coil was offered from China at \$840 per tonne cfr UAE during the week, and India offered the product at \$835-840 per tonne cfr.

No major deals were heard.

Fastmarkets' weekly price assessment for [steel HRC, import, cfr Jebel Ali, UAE](#) was \$835-840 per tonne on Tuesday, down by 2.62% from \$840-880 per tonne on November 30.

The UAE's hot-dipped galvanized coil import prices widened downward during the week.

India offered 1mm thick HDG with Z275 coating at \$1,130-1,160 per tonne cfr, widening upward from offers at \$1,130-1,150 per tonne cfr UAE last week.

One buyer was bidding at \$1,110-1,120 per tonne cfr.

HDG offers from China were at \$1,080-1,100 per tonne cfr.

Local HDG producers in the UAE were still offering HDG at \$1,250 per tonne ex-works for February and March production.

Fastmarkets' weekly price assessment for [steel HDG, import, cfr Jebel Ali, UAE](#) was \$1,080-1,120 per tonne on December 7, widening downward by \$5 from \$1,085-1,120 per tonne on November 30.

Cold-rolled coil was offered at \$940-960 per tonne cfr from India, and China offered CRC to the UAE at \$880-900 per tonne cfr.

No deals were heard.

The weekly price assessment for [steel CRC, import, cfr Jebel Ali, UAE](#) was \$880-940 per tonne on December 7, narrowing downward by \$10 from \$880-950 per tonne on November 30.

Long prices on downward trend in UAE, buyers expect discount

By Serife Durmus - Tuesday 07 December

Steel billet and rebar prices decreased in the United Arab Emirates during the week ended Tuesday December 7 and sources expect further price cuts.

Local rebar producers in the UAE are likely to announce new prices soon; most buyers expect price decreases.

Domestic rebar

Emirates Steel, the biggest producer in the UAE, kept its rebar price unchanged at 2,490 dirhams (\$679) per tonne ex-works, the company announced [on November 22](#).

Deals were heard at 2,430-2,440 dirhams per tonne ex-works during the week, falling from 2,450-2,490 dirhams per tonne ex-works [the previous week](#).

Fastmarkets' weekly price assessment for [steel reinforcing bar \(rebar\), domestic, exw UAE](#) was 2,430-2,490 dirhams per tonne on December 7, widening downward from 2,435-2,490 dirhams per tonne on November 30.

Rebar imports

Oman sold rebar at 2,385-2,410 dirhams per tonne cpt, 2,400-2,415 and 2,450 dirhams per tonne cpt UAE during the week.

Fastmarkets' weekly price assessment for [steel reinforcing bar \(rebar\), import, cfr Jebel Ali, UAE](#) on a theoretical-weight basis was \$649-667 per tonne on December 7, widening downward from \$651-661 per tonne on November 30.

**Billet imports**

Iran offered billet to the UAE at \$620-625 per tonne cfr.

No deals were heard.

The latest bids for Omani billet were at \$640-660 per tonne cfr in the UAE.

No new prices have been heard from Oman in the last two weeks because the producers in the country are fully booked until late January.

As a result, Fastmarkets' weekly price assessment for [steel billet, import, cfr Jebel Ali, UAE](#) was \$620-640 per tonne on Tuesday, falling from \$640-685 per tonne on November 30.

New 'green steel' plant to be built in Ardersier, Scotland

By Maria Tanatar - Tuesday 07 December

The owner of Ardersier Port in the north of Scotland plans to build a production unit for long steel materials made in 'green steel' as part of a plan to transform the site into Europe's first fully circular Energy Transition Facility, the company said on Thursday December 2.

The company plans to build the largest facility in the UK for the fabrication and assembly of floating wind-power foundations.

Earlier this year, Ardersier Port signed an agreement with Norway-based BW Ideol, a manufacturer of floating wind-power bases, guaranteeing it exclusive access to the port for the building of its floating foundations.

The new steelworks will be built as part of a five-year transformation plan for Ardersier, 14 miles east of Inverness. Investment in the electric-arc furnace (EAF)-based steel plant, which will be powered by offshore wind and energy from waste, will reach £300 million (\$397 million).

"The energy transition from offshore structures to floating wind has an important missing factor: steel," the owner of Ardersier Port, Tony O'Sullivan, said.

"Today, the UK exports 10 million tonnes per year of scrap steel. By building a new renewably powered electric-arc furnace at Ardersier Port, the first new-build steel mill in the UK for 50 years, we will use 1 million tpy of scrap," he added. "This will produce reinforcement steel for the UK construction industry, of which there is currently a shortfall, allow for the onsite construction of floating wind platforms, and enable us to export green steel to global markets."

The steel mill will produce rebar that can be used in the construction of floating offshore structures to gather wind-power.

The plan also includes an oil-rig decommissioning facility; an energy-from-waste facility designed specifically to deal with special wastes; and a concrete production plant using sand dredged from the currently disused port plus by-products from the steel plant and energy from the waste facility.

In addition, a hub for concrete floating wind-power foundation manufacturing will be built.

The first step will include a nine-month month 'capital dredge' – removing 2.5 million cubic meters of sand to open the port. The cost of this phase will reach £20 million.

Earlier this quarter, the UK authorities unveiled as much as £160 million of new funding to kickstart the rollout of large-scale floating offshore wind ports and factories across the country, and it was expected that Ardersier Port will bid for these funds.

UAE steelmakers form committee during MEIS

By Serife Durmus - Tuesday 07 December

The Steel Producers' Committee (SPC) has been launched on the sidelines of Fastmarkets' Middle East Iron & Steel Conference on Monday December 6.

SPC will represent steelmakers and associated sectors at ministries and local entities in the UAE, the chairman of the committee Saeed Al Remeithi said at his speech during the press meeting for the committee.

Al Remeithi is also the chief executive officer of [Emirates Steel and Arkan Group](#).

"The SPC has been set up to be an independent nongovernmental organization that provides industry representation with the purpose of not only protecting steel producers and service providers across the UAE, but also to contribute to Operation 300bn, the UAE's industrial strategy and UAE Net Zero by 2050 Strategic Initiative," Al Remeithi said.

"In addition, the committee addresses the reality of challenges faced by the industry while strengthening working relationships with government, the private sector and joint ventures for the overall interest of the steel industry," he added.

"The SPC will be responsible for establishing a range of communication channels that serve the objective of promoting cooperation with both investors and stakeholders involved in the industry across the UAE. By uniting all steel industry leaders under one banner to create better regulations, rules and policies to the benefit of the steel industry, the SPC hopes to help maximise the contributions of the steel industry to the UAE's sustainable economic growth and diversification," the vice chairman of the committee and managing director at Taurani Holdings Anil Taurani said.

The committee has 15 members, and "aims to support the industry's development and find solutions for any issues faced by our members while helping them achieve their business' growth potential," according to the SPC introduction.

Sentiment remains negative in EU HRC market on weak demand

By Maria Tanatar - Tuesday 07 December

Bearish sentiment prevailed in the European hot-rolled coil market on Tuesday December 7, due to weak demand from both the automotive industry and spot buyers, sources told Fastmarkets.

Spot buyers have been holding back from making new deals as they expect further price reductions from producers in Europe and are waiting for steelmakers to finalize their negotiations with long-term buyers, including those in the automotive sector.

Demand from car manufacturers has remained restricted due to the continuing global shortage of semiconductors.

Market participants estimate that automakers have consumed about 30% less steel than usual in the second half of the year. Some added that, for January of 2022, the industry might as well cut its steel consumption by 50% compared with the regular volumes.

Some said the car industry would begin to recover from the second quarter of 2022, while others said the revival was unlikely to start until the third quarter. In either scenario, European mills will need to secure orders for the first quarter without the support of vehicle manufacturers.



Adding to the bearish market mood, import offers in Southern Europe have also moved down, with interest in overseas coil curtailed while buyers await the start of the new EU safeguard quarter on January 1, 2022, so they can assess the probable volumes of imports that might clear customs.

Volumes currently being offered from India and Asia for delivery in March, however, would fall into the second quarter safeguard quotas and, as a result, they have been contributing to a more negative outlook, sources said.

Fastmarkets calculated its daily [steel hot-rolled coil index, domestic, exw Northern Europe](#) at €916.25 (\$1,034.20) per tonne on Tuesday December 7, down by €3.75 per tonne from €920.00 per tonne on Monday.

The index was also down by €29.85 per tonne week on week and by €107.75 per tonne month on month.

The calculation was based on achievable price estimates from market participants and deals heard at €900-950 per tonne ex-works.

Fastmarkets calculated its corresponding daily [steel hot-rolled coil index, domestic, exw Italy](#) at €853.33 per tonne on December 7, unchanged day on day.

The Italian index was down by €25 per tonne week on week and by €56.67 per tonne month on month.

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

Import offers of the material from Asia and India have been heard at €820-840 per tonne cfr Southern European ports.

Steel demand in Middle East to increase – panelists at MEIS

By Marina Shulga - Tuesday 07 December

Steel demand in the Middle East will increase in the next decade, panelists said during Fastmarkets' Middle East Iron & Steel Conference on Thursday December 7.

Finished steel demand in the Middle East is likely to grow in the coming years, although surplus in capacity will remain, Benedikt Zeumer, partner in the metals and mining practice of McKinsey, said during the panel.

In 2025, steel demand in the region - excluding Turkey and Iran - should reach 52 million tonnes, up by 26.83% from 41 million tonnes in 2020, according to McKinsey. By 2030, demand may increase to 59 million tonnes.

Residential construction, general purpose machinery and transport will be the main drivers of demand growth, Zeumer said.

"Utilization rates of those large mills, who serve main demand driving industries, will increase," Zeumer added.

Steel capacity utilization in Middle East should increase by 15-20% in the next 10 years, Zeumer told Fastmarkets.

Steelmaking capacity in the Middle East is about 65 million tonnes per year; 53 million tonnes of this figure relates to long steel products and 11 million tonnes to flat steel products.

"Industry could be fully utilized based on current demand projections and current capacity landscape, however, imports may put pressure on utilization," Zeumer said.

Eman Ebrahim, general manager of sales and marketing at Bahrain Steel,

agreed that steel demand in the region will improve in the near-term, mainly driven by the construction sector. She said that year-on-year growth in 2022 will be at least 5%.

Worldsteel expects steel demand in the Middle East to increase by 2% in 2021 - to 48 million tonnes - from 47.2 million tonnes in 2020, followed by an 4.9% demand increase in 2022, to 50.5 million tonnes.

Turkish steel producers seek rebar demand to book more scrap

By Cem Turken - Tuesday 07 December

Turkish steel producers have extended their silence in the deep-sea ferrous scrap import market on the second working day of the week amid poor finished long steel sales, market participants told Fastmarkets on Tuesday December 7.

Turkish steelmakers have booked only two deep-sea cargoes in the past week.

The most recent cargo deals were done at \$485 per tonne cfr for United States-origin No1 and No2 heavy melting scrap (80:20) and at \$480 per tonne for Baltic Sea-origin material.

Steel producers in the country have been hesitant to book deep-sea scrap cargoes due to a [lack of support from finished long steel sales](#).

Offer prices for HMS 1&2 (80:20) have already weakened by \$5 per tonne, with offers now at \$475 per tonne cfr for Baltic Sea material and \$470 per tonne cfr for European material, Fastmarkets was told.

But no bookings have been heard at those levels yet.

As a result of the lack of fresh trading activity, the daily scrap indices were stable on December 7.

Fastmarkets' calculation of the daily index for [steel scrap, HMS 1&2 \(80:20 mix\), North Europe origin, cfr Turkey](#) was \$476.86 per tonne on Tuesday, unchanged day on day.

The corresponding daily index for [steel scrap, HMS 1&2 \(80:20 mix\), US origin, cfr Turkey](#) was \$484.83 per tonne on December 7, also static day on day, leaving the premium for US-origin material over European scrap at \$7.97 per tonne.

MMK transformer accident could create Russian long steel deficit

By Marina Shulga, Elina Virchenko - Tuesday 07 December

Repairs to an electrical transformer being undertaken by Russian steelmaker Magnitogorsk Iron & Steel Works (MMK) could take "up to a few months" and result in a significant deficit in Russia's long steel output, sources told Fastmarkets on Tuesday December 7.

As a result of the accident, [which took place at the end of last week](#), a new transformer will be required that will need to be sourced from China, a Russian source told Fastmarkets during the Middle East Iron & Steel conference in Dubai.

"One of MMK's two electric-arc furnaces [EAFs] won't be working for a few weeks due to the accident with the transformer. Since a new transformer will have to be delivered from China, repairs may take even longer - up to few months," one market participant told Fastmarkets.

"Considering the total capacity [for long steel products] of MMK's EAFs is around 1.2 million tonnes [per year], the market will be short of around



50,000-70,000 tonnes of long [steel], including rebar and sections," the Russian source said.

He added that other Russian producers could switch to production of steel sections of the type made by MMK as a result of the shortfall.

On December 6, one large stockist told Fastmarkets that MMK does not supply large quantities of rebar to the Central Federal District around Moscow, but overall the supply of rebar and steel sections needed to be redrawn, because MMK would be out of the long steel markets for at least a month-and-a-half.

"MMK's billet output, and therefore the volumes of rebar and sections on the market, will be reduced [because of the transformer incident]. The lower supply of rebar should help the price to remain at 65,000 [roubles per tonne cpt]," one market participant told Fastmarkets.

Fastmarkets' price assessment for [steel reinforcing bar \(rebar\), domestic, cpt Moscow, Russia](#), was 62,000-65,000 roubles (\$838-879) per tonne on Monday, including 20% value-added tax. This was down by 3,000-6,500 roubles per tonne from 65,000-71,500 roubles per tonne a week earlier.

In the secondary market, rebar was on offer from large traders and mill trading houses at around 64,000 roubles per tonne on Monday, sources said. This was down by 1,000-4,000 roubles from 65,000-68,000 roubles per tonne a week earlier.

US crude steel output declines by 1.6%

By Fastmarkets AMM staff - Tuesday 07 December

Crude steel production in the United States totaled 1,807,000 net tons for the week ended Saturday December 4, down by 1.63% from 1,837,000 tons the previous week, with mills operating at an average capacity utilization rate of 81.9%.

In the corresponding week last year, mills produced 1,616,000 tons at an average capacity utilization rate of 73.1%, according to the American Iron and Steel Institute, Washington.

Mills have produced an adjusted 88,081,000 tons thus far this year at an average capacity utilization rate of 81.6%, up by 19.56% from 73,669,000 tons at an average capacity utilization rate of 67.8% in the same period last year.

STEEL OUTPUT						
Week ended	Net tons in thousands	Capacity utilization	Week ended	Net tons in thousands	Capacity utilization	
January 2	1,650	74.6	August 7	1,872	84.8	
January 9	1,709	75.4	August 14	1,869	84.7	
January 16	1,738	76.7	August 21	1,877	85.0	
January 23	1,717	75.7	August 28	1,873	84.9	
January 30	1,725	76.1	September 4	1,866	84.5	
February 6	1,705	75.2	September 11	1,882	85.3	
February 13	1,743	76.9	September 18	1,874	84.9	
February 20	1,745	77.0	September 25	1,880	85.2	
February 27	1,749	77.2	October 2	1,872	84.8	
March 6	1,755	77.4	October 9	1,858	84.2	
March 13	1,761	77.7	October 16	1,882	85.3	
March 20	1,753	77.3	October 23	1,870	84.7	
March 27	1,760	77.6	October 30	1,860	84.3	
April 3	1,766	77.9	November 6	1,841	83.4	
April 10	1,761	77.6	November 13	1,856	84.1	
April 17	1,770	78.0	November 20	1,861	84.3	
April 24	1,781	78.4	November 27	1,837	83.2	
May 1	1,788	78.7	December 4	1,807	81.9	
May 8	1,774	78.1	Year to date*	88,081	81.6	
May 15	1,799	79.2	Year ago to date*	73,669	67.8	
May 22	1,793	79.0	* Reflects AISI adjustments.			
May 29	1,836	81.5	STEEL PRODUCTION BY DISTRICTS			
June 5	1,840	82.3	<i>(in thousands of net tons)</i>			
June 12	1,834	82.6		Dec 4	Dec 27	Nov 20
June 19	1,839	82.9	Northeast	164	170	175
June 26	1,835	82.7	Great Lakes	618	625	617
July 3	1,842	83.0	Midwest	201	199	205
July 10	1,852	83.6	Southern	748	768	787
July 17	1,859	84.1	Western	76	75	77
July 24	1,868	84.6	Total	1,807	1,837	1,861
July 31	1,876	85.0	Source: American Iron and Steel Institute.			

Voestalpine brings its reduced CO2 steel to the market

By Carrie Bone - Tuesday 07 December

Austrian steelmaking group Voestalpine has announced it is offering a CO2-reduced edition of all the flat steel products manufactured by its steel division in Linz, the company said on December 7.

The products will be under the name Greentec Steel and are part of the company's phased plan for the long-term decarbonization of steel production.

The company notes a 10% reduction in direct emissions generated during the manufacture of these products compared with conventional production methods.

It added that they are now processing customer orders for the products, with significant demand expected for reduced-CO2 products such as hot-rolled steel strip, isovac electrical steel and phs-ultraform.

"We are already working at full speed at our sites in Linz and Donawitz to develop technical scenarios which will drive forward the decarbonization of steel production. By manufacturing and supplying CO2-reduced steel, we have achieved an important first milestone on the path to green steel production by 2050," chief executive of Voestalpine Herbert Eibensteiner said.

The 10% reduction in direct emissions is achieved by modifying the reducing agent and the charge, as well as by maximizing the share of scrap and converting to green electricity, the company said. This is in addition to optimization measures to reduce carbon emissions.



"All products have the excellent material and processing properties for which Voestalpine is internationally valued. This allows us to offer a high quality, transparent solution for all our customers who are looking for an immediate, verifiable, and above all significant reduction in their carbon footprint," Hubert Zajicek, head of the steel division, said.

The company has plans for green steel production by 2050, with the next significant intermediate stage in its plan being a partial replacement of the existing blast furnace route with a hybrid-electric steel pathway, which could reduce carbon emissions by around a third by 2030.

The company foresees liquid pig iron and sponge iron (HBI) joining steel scrap as important pre-materials for tomorrow's carbon-neutral production of high-quality steel. It is also researching breakthrough technologies to increase the use of green hydrogen in the steel production process over the long term and to achieve carbon-neutral steel production by 2050.

Chinese CRC, HDG export prices dip despite futures gains

By Zihuan Pan - Tuesday 07 December

Export prices for China-origin steel cold-rolled coil and hot-dipped galvanized coil edged down over the week to Tuesday December 7, with buying interest still supported by a rally in Shanghai hot-rolled coil futures prices.

"Buying interest for Chinese CRC and HDG improved significantly in late November and December, compared with earlier in November, because buyers prefer to buy on the way up," a Hangzhou-based trader said.

The HRC contract on the Shanghai Futures Exchange for January delivery rose by 227 yuan (\$36) per tonne in the week to December 3, making it the second week to show a gain after a six-week downtrend.

In the same week, spot CRC and HDG prices in China remained stable, with market participants continuing to be cautious.

HRC futures prices showed further gains this week, with market sentiment raised by an announcement from China's central bank of a cut in the reserve requirement ratio (RRR).

The People's Bank of China announced late on Monday that it would cut the RRR - the amount of cash that banks must hold as reserves - by 50 basis points for most banks, effective from December 15. The announcement came after Premier Li Keqiang promised such an RRR cut during a meeting with the managing director of the International Monetary Fund on Friday.

Given the improved market sentiment and extended gains in HRC futures prices, some mills raised their offers for CRC and HDG exports by \$5-20 per tonne this week compared with late last week.

Without deals being concluded, tradable prices for Chinese CRC and HDG exports have yet to be seen to rise, and most sellers did not expect buyers to accept the price increase immediately this week.

Cold-rolled coil

Fastmarkets' weekly price assessment for [steel CRC, export, fob China main port](#), was \$840-850 per tonne on December 7, narrowing downward by \$10 per tonne from [\\$840-860 per tonne a week earlier](#).

A mill in East China lowered its CRC offer by \$10 per tonne to \$890 per tonne fob China as of December 7, while two major mills in North China's Hebei province kept their offers unchanged at \$880 per tonne fob China.

These mills, however, have all failed to secure deals over the past week, because there were cheaper options on the market.

A mill in Northern China's Inner Mongolia Autonomous Region, whose export offers are often lower than those from other large mills in the country, set its CRC offer at \$850 per tonne fob China as of December 7, up by \$5 per tonne from late last week.

Offers from smaller, privately owned mills were heard at \$870 per tonne fob China as of Tuesday, up by \$10-20 per tonne from late last week.

Traders indicated that \$840-850 per tonne fob China was a workable price for transactions of Chinese CRC exports over the past week.

Fastmarkets' weekly price assessment for [steel CRC, domestic, delivered Eastern China](#), was 5,450-5,520 (\$855-866) yuan per tonne on December 3, unchanged from a week earlier.

Hot-dipped galvanized coil

The weekly price assessment for [steel galvanized coil, 1mm, export, fob China](#), was \$895-920 per tonne on Tuesday, widening downward by \$5 per tonne from \$900-920 per tonne a week earlier.

The assessment considered HDG with zero-spangle zinc coating of 120gsm.

A mill in Hebei province raised its offer for Z120 HDG to \$920 per tonne fob China on Tuesday, up by \$10 per tonne from a week earlier.

Another Hebei mill concluded a deal for 2,000-3,000 tonnes of Z120 HDG to the Middle East at \$910 per tonne fob China last week, and a source from the mill indicated that this price would still be workable for transactions this week.

The mill in Inner Mongolia set its offer for Z140 HDG to South Korea at \$923-927 per tonne cfr for February shipment. That would be equivalent to around \$895 per tonne fob China for Z120 material, with the freight rate estimated at \$20 per tonne.

A trading house in eastern China concluded a deal on Tuesday for more than 1,000 tonnes of Z140 HDG from the Inner Mongolia mill at \$910 per tonne fob China, for shipment in early March. That would be equivalent to around \$900 per tonne fob China for Z120 material, the source from the trading house estimated.

The trading house concluded a smaller deal last week for Z80 HDG at \$880 per tonne fob China to Southeast Asia for February shipment. That would be equivalent to \$895 per tonne fob China for Z120 material, the source estimated.

Fastmarkets' weekly price assessment for [steel hot-dipped galvanized coil, domestic, ex-whs Eastern China](#), which considers 80gsm zinc-coated zero-spangle HDG, was 5,650-5,700 yuan per tonne on December 3, unchanged from a week earlier.

Seaborne coking coal fob prices up on rainfall and flooding in Queensland

By Min Li - Tuesday 07 December

Seaborne coking coal prices in the fob market rose on continuous wet weather in Queensland, while the cfr market remained quiet amid weak buying interest.

Fastmarkets indices

[Premium hard coking coal, cfr Jingtang](#): \$357.45 per tonne, down \$2.52 per tonne

[Hard coking coal, cfr Jingtang](#): \$329.84 per tonne, unchanged
[Premium hard coking coal, fob DBCT](#): \$337.96 per tonne, up \$1.73 per tonne
[Hard coking coal, fob DBCT](#): \$278.63 per tonne, up \$5.17 per tonne

In the fob market, seaborne coking coal prices increased on continuous wet



weather in Queensland.

A steel mill source in India said on Tuesday that if supply issues in Australia continue, the seaborne premium hard coking coal price may hover around at \$340 per tonne fob Australia.

A trading source in Singapore saw higher bids on Globalcoal platform, he said on Tuesday.

In the coking coal hub of Queensland there is flooding in some areas, which may affect mining activity or transport, an Australia-based source said.

In the cfr market, the seaborne premium hard coking coal price decreased. A cargo of United States-origin premium hard coking coal was offered at \$490 per tonne cfr China, sources said, which was considered very high by market participants in China.

A trading source in Shanghai said the demand for seaborne premium hard coking coal is likely to improve after the 2022 Winter Olympics, which ends in late February.

Fastmarkets' weekly price assessment for **CSR 65% coke, fob China** was \$470-520 on Tuesday December 7, widening downward by \$10 per tonne week on week.

In domestic China, several coke producers in Inner Mongolia proposed a round of price increases of 100-120 yuan (\$16-19) per tonne on Monday, but the proposal was declined by steel mills, a trading source in Hebei province said. "Coke producers in Hebei may propose a round of price increase soon," he added.

A trading source in Beijing was negative about coke price increases. He said that it is possible that steel mills will propose coke price cuts because mills' production restrictions in north China are ongoing and demand is weak.

Dalian Commodity Exchange

The most-traded May coking coal futures contract closed at 2,040 yuan (\$319.88) per tonne on Tuesday, up by 110 yuan per tonne.

The most-traded May coke contract closed at 2,949 yuan per tonne, up by 105 yuan per tonne.

Seaborne iron ore prices increase further amid positive outlooks

By Alice Li - Tuesday 07 December

Seaborne iron ore prices increased sharply on Tuesday December 7 due to bullish outlooks for the ferrous industry amid a cut in the reserve requirement ratio (RRR), market participants told Fastmarkets.

Fastmarkets iron ore indices

62% Fe fines, cfr Qingdao: \$111.34 per tonne, up \$8.51 per tonne

62% Fe low-alumina fines, cfr Qingdao: \$112.52 per tonne, up \$9.03 per tonne
58% Fe fines high-grade premium, cfr Qingdao: \$85.49 per tonne, up \$7.98 per tonne

65% Fe Brazil-origin fines, cfr Qingdao: \$127.20 per tonne, up \$9.40 per tonne

63% Fe Australia-origin lump ore premium, cfr Qingdao: \$0.1550 per dry metric tonne unit (dmtu), up \$0.0150 per dmtu

62% Fe fines, fob Qingdao: 720 yuan per wet metric tonne (implied **62% Fe China Port Price:** \$103.75 per dry tonne), up by 33 yuan per wmt

Key drivers

The most-traded May iron ore futures contract on the Dalian Commodity Exchange increased on Tuesday and ended up by 7.1% from Monday's closing price of 615.50 yuan (\$97) per tonne.

The iron ore forward-month swap contracts on the Singapore Exchange increased on Tuesday. By 6:20 pm Singapore time, the most-traded December contract was up by \$8.25 per tonne, compared with Monday's settlement price of \$104.1 per tonne.

The RRR cut by 50 basis points in China supported the iron ore futures market, according to a statement from the People's Bank of China (PBOC) on Monday.

The cut, effective on December 15, will release a total of 1.2 trillion yuan (\$188.4 billion) in long-term funds, added by PBOC.

Market sources expect the new policy to provide more monetary liquidity for enterprises in the steel and downstream market, which could support steel demand and iron ore prices in the long term.

Most traders in the portside market increased iron ore offers by about 40-50 yuan on Tuesday but oversupply at ports remains, with mills procuring on a demand basis, a Shandong-based trader source said.

The premium level based on average month index for seaborne iron ore stayed largely stable - or even decreased - although the futures market increased sharply due to the seasonal demand slowdown, a mill source from south China said.

Quote of the day

"This [RRR cut] has lent support to financial trading houses which contributed to the strong upward trend for both the front-month swaps on the SGX and Chinese iron ore futures on the DCE," a Singapore-based trader said.

Trades/offers/bids heard in the market

BHP, Globalore, 80,000 tonnes of 62.5% Fe Newman Blend lump, traded at the January average of a 62% Fe index on a fob Australia basis, plus a lump premium of \$0.1650 per dry metric tonne unit (dmtu), laycan January 1-10.

Vale, Globalore, 170,000 tonnes of 62% Fe Brazilian Blend fines, offered at \$113.30 per tonne cfr China, laycan December 31-January 9.

Globalore, 180,000 tonnes of 65% Fe Iron Ore Carajas fines, offered at \$126.80 per tonne cfr China, December arrival.

Globalore, 90,000 tonnes of 62.5% Fe Newman Blend lump, offered at the January average of a 62% Fe index on a fob Australia basis, plus a lump premium of \$0.1400 per dmtu, laycan December 11-20.

Globalore, 70,000 tonnes of 62.5% Fe Pilbara Blend lump, offered at the January average of a 62% Fe index plus a lump premium of \$0.3000 per dmtu, January arrival.

Market participant indications

Fastmarkets index for iron ore 62% Fe fines

Pilbara Blend fines: \$105 -113 per tonne cfr China
Brazilian Blend fines: \$109 - \$113 per tonne cfr China
Newman fines: \$109.47-111.84 per tonne cfr China
Mac fines: \$101.48-101.97 per tonne cfr China
Jimblebar fines: \$90.62 95.31 per tonne cfr China

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

Iron Ore Carajas: \$121.50-130.50 per tonne cfr China

Port prices

Pilbara Blend fines were traded at 695-740 yuan per wmt in Shandong province and Tangshan city on Tuesday, compared with 664-670 yuan per wmt on Monday.

The latest range is equivalent to about \$100-107 per tonne in the seaborne market.

**Dalian Commodity Exchange**

The most-traded May iron ore futures contract closed at 659.50 yuan (\$104) per tonne on Tuesday, up by 44 yuan per tonne from Monday's closing price.

Alex Theo in Singapore contributed to this article.

Low prices in Turkey sap sentiment in Taiwan's containerized scrap market

By Tianran Zhao - Tuesday 07 December

Participants in Taiwan's containerized scrap import market are pessimistic about prices after Turkish buyers paid less for United States materia. Meanwhile, mainland China is showing little interest in scrap imports despite rising steel prices.

- Taiwanese buyers bearish about market amid weaker prices in Turkey.
- Demand for heavy scrap (HS) imports muted in mainland China despite gains in finished steel market

Taiwan

Spot prices for imported containerized scrap in Taiwan were stable on Tuesday December 7 but market participants are bearish about the market.

"Trading activity was low today because it's still the start of the week. But we expect prices to drop very soon because buyers in Turkey continued to purchase US heavy melting scrap 1&2 (80:20) at lower prices. We heard they purchased material at \$467 per tonne cfr [Turkey]," a trading source in Taiwan told Fastmarkets.

Offers for such cargoes were heard at \$460-465 per tonne cfr Taiwan on Tuesday.

Fastmarkets' daily price assessment for containerized [steel scrap](#), [heavy melting scrap 1&2 \(80:20 mix\)](#), [US material import](#), [cfr main port Taiwan](#) was \$455-460 per tonne on Tuesday December 7, unchanged since November 30.

A major electric-arc furnace operator on the territory kept its purchase price for local scrap unchanged for the week but lowered its selling price for rebar by NT\$500 (\$18) per tonne.

"Demand for bulk [cargoes of] Japanese scrap is still muted because Japanese material is quite expensive. We heard that sellers were offering H1&H2 scrap at \$490 per tonne cfr Taiwan," a trading source in Singapore told Fastmarkets.

China

Spot prices for imported scrap into mainland China were largely steady on December 7 despite a slight recovery in its domestic finished steel market, sources said.

Fastmarkets' calculation of the [steel scrap index](#), [heavy recycled steel materials](#), [cfr north China](#) was \$478.33 per tonne on Tuesday, down by \$1.67 per tonne day on day.

A wide gap between bids and offers for imported HRS101 scrap kept buying interest at a minimum, sources said.

Bids were heard at \$480 per tonne cfr northern China on Tuesday, while offers for heavy scrap (HS) from Japan were heard at \$570-580 per tonne cfr China, according to sources.

"Finished steel prices are improving, providing some support to scrap prices. Also, currently the supply of domestic scrap is low because suppliers kept their inventory levels low when scrap prices were quite weak last month. But it is

still impossible to import because the differences between bids and offers are too large.

"Our \$480 [per tonne cfr] bid cannot match any [offer of] material from overseas," a mill source in Hebei province told Fastmarkets.

CIS HRC export prices fall on lower-priced sales from Ukraine to Turkey

By Marina Shulga - Tuesday 07 December

Hot rolled coil export prices from the Commonwealth of Independent States fell in the week to Monday November December 6 on lower-priced sales from Ukraine to Turkey, while suppliers from Russia continued to focus on their local market.

Fastmarkets' [weekly price assessment for steel hot-rolled coil, export, fob Black Sea, CIS](#) was \$785-805 per tonne on Monday, [down from \\$800-810 per tonne a week earlier](#).

Sales of Ukraine-origin HRC were done to Turkey at \$820-840 per tonne cfr, depending on the coil weight, which is equivalent to \$785-805 per tonne fob. That was down from the previous offers at \$835-845 per tonne cfr in late November.

"Some Turkish buyers needed to restock, which is why they needed to purchase - although those who can wait, will wait; because the Turkish market is too uncertain due to the currency issues. And local and export prices are weak," one trader from Turkey said.

Russian exporters preferred to remain focused on their local market, where prices are stronger and demand is stable, a source from Russia said.

Fastmarkets' [weekly price assessment for steel cold-rolled coil, export, fob Black Sea, CIS](#) was \$905-935 per tonne on Monday, stable week on week.

Offers for CRC from Ukraine were reported at \$950 per tonne cfr in Turkey, which would be equivalent to close to \$915 per tonne fob, with estimates from buyers closer to \$905-915 per tonne fob.

In Egypt, meanwhile, offers for CRC came in at \$980 per tonne cfr, equivalent to about \$935 per tonne fob.

"CRC is kind of a hot market now with American prices still firm and the spread with HRC increasing," a source from Egypt said.

Fastmarkets' price assessment for [steel heavy plate, 8-50mm, export, fob Black Sea, CIS](#) was \$910-975 per tonne on Monday, unchanged week on week in muted market conditions.

Offers for heavy plate from Russian exporters were heard at \$995-1,000 per tonne fob, but that was well above the workable market level, another source from Russia said.

China's HRC prices rise amid RRR cut

By Zihuan Pan - Tuesday 07 December

Spot prices for hot-rolled coil in China continued to rise on Tuesday December 7 following the central bank's announcement of reduction of the reserve requirement ratio (RRR) for banks.

Domestic

Eastern China (Shanghai): 4,880-4,930 yuan (\$766-774) per tonne, up by 40-50 yuan per tonne

The most-traded May HRC contract on the Shanghai Futures Exchange hit an intraday high of 4,678 yuan per tonne on Tuesday amid across-the-board



gains for ferrous futures.

Market sentiment improved after the People's Bank of China announced late on Monday that it would cut the RRR by 50 basis points for most banks from December 15. This move is expected to inject around 1.2 trillion yuan (\$188 billion) in long-term liquidity into the economy.

This is China's second reduction of the RRR - the amount of cash that banks must hold as reserves - in 2021. The last cut took place in July.

The gains in the futures market boosted spot prices, which in turn led to higher physical trading activity in Shanghai, traders reported.

Export

Fastmarkets' steel hot-rolled coil index export, fob main port China: \$781.64 per tonne, down by \$3.10 per tonne

Most mills kept their offers for SS400 HRC flat, at \$790-800 per tonne fob China, on Tuesday. Some made increments of \$5 per tonne to their offers a day earlier, taking them to \$775 per tonne fob China.

Mills had attempted to raise their offers in response to the gains in the futures market, but buyers resisted.

The buyers refused to raise their bids for HRC since they have the option of buying from elsewhere. Furthermore, Chinese cargoes are not that much cheaper in comparison, a Tianjin-based trader said.

A few mills and traders indicated that \$775-780 per tonne fob China might be workable for them.

China's exports of finished steel decreased for a fifth month in December. The country exported 4.36 million tonnes of finished steel last month, down by 136,000 tonnes (3%) from 4.50 million tonnes in October and 0.9% lower than a year earlier, according to the latest Chinese customs data released on Tuesday.

Market chatter

"The RRR cut, coupled with hopes for more monetary easing amid the downturn in the property market, has lifted market sentiment," a Shanghai-based industry analyst said.

Shanghai Futures Exchange

The most-traded May HRC contract closed at 4,634 yuan per tonne on Tuesday, up by 88 yuan per tonne from [Monday's close](#).

China's RRR cut sparks bullish sentiment in rebar market

By Jessica Zong - Tuesday 07 December

China's domestic rebar prices rose further on Tuesday December 7 after the People's Bank of China announced a reduction of the reserve requirement ratio (RRR) of commercial banks by 0.5 percentage points from December 15.

Domestic

Eastern China (Shanghai): 4,800-4,830 yuan (\$754-758) per tonne, up by 30 yuan per tonne

The central bank, in its announcement on late on Monday, said the move to reduce the RRR - the amount of cash that banks must have in their reserves - would release 1.2 trillion yuan of long-term liquidity.

Rebar futures started to strengthen after the news on expectations among market participants that the housing market would strengthen with the increased liquidity.

Improved capital flows and lower borrowing costs will result in developers speeding up construction rates, an industry analyst said.

The uptrend in the futures market and strong demand in the physical market during the day pushed up spot prices, a trader in Shanghai said.

Market chatter

"The RRR cut will improve housing companies' capital flow to some extent, but they are still under the 'three red line' policy. As such, the housing market will still be soft in the long term," the analyst said in reference to [strict real estate regulations issued by Chinese authorities that came into effect in January](#).

Billet

As at 3pm, billet was being traded at 4,340 yuan per tonne including value-added tax in Tangshan, unchanged from the previous day.

Shanghai Futures Exchange

The most-traded May rebar futures contract closed at 4,450 yuan per tonne on Tuesday, up by 91 yuan per tonne from the previous day.

Turkish flat steel market remains slow on currency fluctuations [CORRECTED]

By Serife Durmus - Tuesday 07 December

The flat steel market in Turkey remained slow during the week ended Friday December 3 because of the fluctuating lira and continuing economic uncertainty, sources told Fastmarkets.

The Turkish lira has been losing value recently because the country's central bank cut the benchmark interest rate in both October and November.

The currency was trading at 13.5033 lira to \$1 on December 3, compared with 10.520 lira to \$1 on November 18, according to exchange rate website Oanda.com.

The Turkish lira fluctuated on December 2 and December 3.

Buyers were therefore still hesitant to book big quantities because flat steel sales are made in US dollars, sources said.

"The problem is not the low value, the problem is fluctuations. Buyers want to know how much they will pay when they deliver the product in February. But nobody can estimate it," one source said.

Turkish flat steel producers were accepting orders for February production during the week.

Domestic prices

Fastmarkets' weekly price assessment for [steel hot-rolled coil, domestic, exw Turkey](#) was \$850-860 per tonne on December 3, unchanged week on week.

Turkish HRC producers were offering HRC at \$850-877 per tonne ex-works, but buying was scarce because of economic uncertainty.

Cold-rolled coil prices decreased during the week in Turkey.

Producers were offering 1mm thick CRC at \$1,030-1,050 per tonne ex-works during the week, falling from \$1,050-1,070 per tonne ex-works [last week](#).

Fastmarkets' weekly price assessment for **steel cold-rolled coil, domestic, exw Turkey** was \$1,030-1,050 per tonne on Friday, falling from \$1,050-1,060 per tonne on November 26.

HRC exports

Offers for HRC from Turkey were at \$850-875 per tonne fob, unchanged since last week.

No major deals were heard.

"Buyers in local and export markets preferred to wait and see this week because the price direction is uncertain," an executive at a Turkish producer said.

Fastmarkets' weekly price assessment for **steel HRC, export, fob main port Turkey** was \$850-860 per tonne on December 3, narrowing downward from \$850-875 per tonne on November 26.

Import prices

Ukraine sold a total of 30,000 tonnes of HRC to Turkey at \$820-840 per tonne cfr Turkey in the week.

No new prices were heard from Russia because the **local market is strong in the country**.

India offered HRC at \$850-860 per tonne cfr Turkey, but the price is too high, sources said.

Fastmarkets' weekly price assessment for **steel HRC, import, cfr main port Turkey** was \$820-840 per tonne on December 3, falling from \$835-850 per tonne on November 26.

One CRC deal was heard from Commonwealth of Independent States at \$975 per tonne cfr early in the week.

CRC from Ukraine was offered at \$950 per tonne cfr Turkey during the week.

One buyer assessed the workable price at \$940-950 per tonne cfr.

China offered CRC at \$980-990 per tonne cfr, but the price was too high for the market.

Fastmarkets' weekly price assessment for **steel CRC import, cfr main port** was \$940-950 per tonne on December 3, falling from \$950-975 per tonne on November 26.

[Editor's note: This article was updated to amend the weekly price assessment for for steel HRC, export, fob main port Turkey, which was erroneously listed as \$850-875 per tonne when this story was originally published on Friday December 3. This has been corrected to \$850-860 per tonne fob. No changes have been made to Fastmarkets' price book, which already showed the correct figures.]

Steel scrap

Fastmarkets AMM: Dec 8 Mexico scrap wrap

- Tuesday 07 December

Fastmarkets AMM's Mexican edition features weekly scrap prices, basis Monterrey and Bajio.

Fastmarkets AMM MEXICO
WEDNESDAY, OCTOBER 5, 2018 | VOLUME 3 | NUMBER 40

SCRAP CONSUMER BUYING PRICES

DEL MONTERREY				DEL BAJIO			
	MMT	change/MMT	USD/MT		MMT	change/MMT	USD/MT
No 1 heavy melt	5,850	---	\$299	No 1 heavy melt	5,700	▲ 50	\$302
Cut structural plate 2R max	6,000	▼ 100	\$307	Cut structural plate 2R max	5,800	▼ 100	\$307
Shredded auto scrap	6,000	▼ 100	\$318	Shredded auto scrap	6,300	▲ 100	\$334
No 1 busheling	6,000	▼ 100	\$320	No 1 busheling	6,000	---	\$318
Machine shop turnings	5,000	▼ 50	\$265	Machine shop turnings	5,100	---	\$270

USD=MMT=US\$100.00

Mexican scrap market facing downward pressure

The Mexican ferrous scrap market had a mixed week, with prices steady to down in Monterrey and scottish in Bajio as hardwoods boom over the direction of the market.

In Bajio, prices for No 1 busheling and turnings were unchanged at 6,000 pesos and 5,100 pesos per tonne respectively during the week ended September 28, while No 1 heavy melt and shredded scrap enjoyed modest increases to 5,700 pesos and 6,300 pesos per tonne. Meanwhile, plate and structural scrap in the region fell by 100 pesos to 5,800 pesos per tonne.

Aside from heavy melt in Monterrey remaining unchanged at 5,850 pesos per tonne, all other grades fell by 50-150 pesos per tonne.

No 1 busheling in Monterrey is selling for 6,000 pesos per tonne.

One source indicated that he was offered 200 pesos per tonne less for all scrap grades over the past week from mills in Monterrey and Bajio.

Downward pressure is building in the Mexican scrap market while one mill continues to conduct maintenance during a long outage, a second source said, noting that the mill will not return to the market until the latter part of October.

A second producer plans to hold off on shipping scrap from two locations and a third producer has too much scrap inventory, the second source said. Additionally, sales of key products - such as rebar - are not doing well at the moment, which induces mills' need for scrap.

The peso had a slight setback against the US dollar last week, moving to 18.85 pesos per dollar for the week ended September 28 from 18.82 pesos per dollar the previous week.

USA-GOODMOR

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CONSUMER BUYING PRICES FOR NO 1 HEAVY MELT AND SHREDDED SCRAP*
(in pesos per tonne)

October 2, 2018

USD=MMT=18.85 (the 5-day average for week ended September 28, 2018)

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Industrial minerals

Toyota to build \$1.29 bln battery plant in United States

By Sofia Okun - Tuesday 07 December

Japan-based global carmaker Toyota and its trading arm, Toyota Tsusho, will build a \$1.29 billion car-battery manufacturing plant in the US state of North Carolina, it said on Monday December 6.

The new plant was expected to come online in 2025 and will deliver batteries for 800,000 vehicles per year, with potential to expand to 1.2 million vehicles per year.

Toyota will fund the new investment from a \$3.4 billion fund announced in October 2021.

The company did not disclose its sources of lithium for the new venture. But Toyota Tsusho and global mining company Orocobre operate the Olaroz lithium brine facility in Argentina, and are building the Naraha lithium conversion plant in Japan, with plans to commission it in 2022.

Other carmakers have also recently announced plans to create battery factories, as part of the global move toward electric mobility with either full battery electric vehicles or hybrid models.

Stellantis, which was formed via the merger of Fiat Chrysler Automobiles and France's PSA Group in 2021, has announced that **three such factories will be built in Europe.**

In the US, General Motors planned a battery cell plant with LG Chem, to start production in 2022, while Ford has teamed up with South Korea's SK Innovation and expected to begin production in 2025.

In the past two years, car manufacturers have seen the effects of the Covid-19 pandemic both **reduce production and demand, and create shortages** of materials and components.

Lithium and other battery ingredients **have been in short supply in the past year.**

Soda ash market expected to face tight supply through 2022

By Alex Cook - Tuesday 07 December

Global soda ash markets will potentially face supply shortages due to anticipated increases in demand next year and the curbing of production capacity in China.

Prices increased in recent weeks while the supply and demand imbalance picture unfolded. The onset of contract negotiations for 2022 and beyond have brought to light the lack of supply availability for some producers, with consumers anticipating increased demand in 2022.

Freight bottlenecks this year have slowed trade flows and material availability.

"We can see these logistical issues lasting at least for the first half of 2022, port berth delays are lengthening journey times," one North American producer source said.

"We are seeing a reduced supply outlook for 2022 against a recovery in demand prospects for all sectors, especially container and solar panel glass, which all were affected by the pandemic," a European producer said.

Long-term contract discussions are steadily being agreed, with those who are late to start discussions facing some difficulties in securing tonnage, several consumer sources said.

Global soda ash supply has been affected by the closure of the Lianyungang facility in China. The plant reportedly had a production capacity of 1.0 million tonnes, sources said, noting that the closure in October was a result of environmental restrictions.

Global soda ash production was estimated at 52 million tonnes in 2020.

"It is unlikely new capacity in the short to mid term will cover this supply deficit, with annual sector demand growth expected for 2022," a second European producer source said.

The Lianyungang plant is reportedly slated to be relocated within China, with trial production to begin in the second half of 2023.

Fastmarkets' price assessment for **soda ash, natural and synthetic, dense and light, fob China** was at \$500-560 per tonne on Thursday November 25, up by \$60 per tonne from \$440-500 per tonne on October 28 and by \$270-320 per tonne from \$230-240 per tonne in November 2020.

High energy costs and environmental restrictions have contributed to increased prices for industrial factories in China. China's "Two-High" policy has affected industrial factories in the country with inspections and restrictions cutting output.

Future planned capacity

Additional capacity is slated to be operational over the next few years, but annual demand growth could still aggravate supply tightness. Sizeable new production capacity is not expected to be operational until at least late 2023.

The InoChem factory in Saudi Arabia will be the first soda ash production plant in the country, located in Ras Al-Khair. Production is estimated at 300,000 tonnes per year and is expected to begin in the second half of 2022.

Turkey's Yildirim Group plans to build Kazakhstan's first soda ash production facility, based in the Zhambyl region, with a slated production capacity of 1 million tpy. Phase one entails 500,000 tonnes and is planned for completion in 2024. This will cover Kazakhstan's domestic consumption, resulting in the elimination of an estimated 350,000 tpy of soda ash imports into the country.

Genesis Energy LP plans to complete the expansion of its Granger project in the United States by the third quarter of 2023, according to its third-quarter 2021 earnings report. The facility's production is expected to ramp up to 1.3 million tonnes in the subsequent nine to 12 months.

The US soda ash industry's production capacity will grow further with a planned \$4-billion investment by Sisecam and Ciner Group. The strategic investment will quadruple Sisecam-controlled soda ash production capacity to 10 million tonnes via a planned 5-million-tpy facility slated to begin production in 2025, reaching full capacity in 2027.

Price movements

Prices have increased across the board, with producers raising their offers for 2022 contract agreements due to tight supply, resulting in a bullish outlook for soda ash next year.

Fastmarkets' price assessment for **soda ash, natural and synthetic, dense and light, large contracts, delivered Europe** was at \$290-340 per tonne on November 25, up by \$20-40 per tonne from \$270-300 per tonne on October 28 and by \$115-120 per tonne from \$175-220 per tonne in November 2020.

Fastmarkets' price assessment for **soda ash, natural and synthetic, dense and light, cif South East Asia** was at \$350-360 per tonne on November 25, narrowing upward by \$20 per tonne from \$330-360 per tonne on October 28. The price also rose by \$110 per tonne from \$240-250 per tonne in May 2021.

Steel scrap prices

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

Alabama

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

Arkansas/Tennessee

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

Atlanta

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

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

Bajjo

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0553	Steel scrap No1 heavy melt, consumer buying price, delivered mill Bajjo, \$/tonne	07 Dec 2021	325	-3.56%	Nov 2021	337.8
MB-STE-0551	Steel scrap No1 busheling, consumer buying price, delivered mill Bajjo, \$/tonne	07 Dec 2021	521	-1.33%	Nov 2021	539.2
MB-STE-0552	Steel scrap No1 busheling, consumer buying price, delivered mill Bajjo, peso/tonne	07 Dec 2021	11200	0.00%	Nov 2021	11130
MB-STE-0549	Steel scrap machine shop turnings, consumer buying price, delivered mill Bajjo, \$/tonne	07 Dec 2021	300	-1.32%	Nov 2021	303.2
MB-STE-0550	Steel scrap machine shop turnings, consumer buying price, delivered mill Bajjo, peso/tonne	07 Dec 2021	6450	0.00%	Nov 2021	6260
MB-STE-0556	Steel scrap shredded auto scrap, consumer buying price, delivered mill Bajjo, peso/tonne	07 Dec 2021	10450	0.00%	Nov 2021	10800
MB-STE-0547	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Bajjo, \$/tonne	07 Dec 2021	407	-0.25%	Nov 2021	396
MB-STE-0548	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Bajjo, peso/tonne	07 Dec 2021	8750	1.16%	Nov 2021	8180
MB-STE-0554	Steel scrap No1 heavy melt, consumer buying price, delivered mill Bajjo, peso/tonne	07 Dec 2021	7000	-2.10%	Nov 2021	6970
MB-STE-0555	Steel scrap shredded auto scrap, consumer buying price, delivered mill Bajjo, \$/tonne	07 Dec 2021	486	-1.42%	Nov 2021	523.4

Birmingham

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

Boston

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0366	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Boston, \$/gross ton	06 Dec 2021	365	-1.35%	Nov 2021	368
MB-STE-0367	Steel scrap No2 bundles, export yard buying price, delivered to yard Boston, \$/gross ton	06 Dec 2021	285	-1.72%	Nov 2021	288
MB-STE-0370	Steel scrap auto bodies, export yard buying price, delivered to yard Boston, \$/gross ton	06 Dec 2021	265	-5.36%	Nov 2021	278

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0369	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Boston, \$/gross ton	06 Dec 2021	365	-1.35%	Nov 2021	368
MB-STE-0368	Steel scrap mixed cast, export yard buying price, delivered to yard Boston, \$/gross ton	06 Dec 2021	350	-1.41%	Nov 2021	353
MB-STE-0371	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Boston, \$/gross ton	06 Dec 2021	375	-1.32%	Nov 2021	378

Chicago

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

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

Cincinnati

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

Cleveland

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

Detroit

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

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

Hamilton

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

Houston

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

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0765	Steel scrap No1 heavy melting, broker buying price, fob Houston \$/gross ton	07 Dec 2021	280	0.00%	Nov 2021	280
MB-STE-0766	Steel scrap No2 heavy melting, broker buying price, fob Houston \$/gross ton	07 Dec 2021	270	0.00%	Nov 2021	270
MB-STE-0351	Steel scrap No1 busheling, dealer selling price, fob dealer yard Houston, \$/gross ton	06 Dec 2021	402	0.00%	Nov 2021	402
MB-STE-0405	Steel scrap No1 busheling, consumer buying price trend, delivered mill Houston, \$/gross ton	06 Dec 2021	0		Nov 2021	20
MB-STE-0767	Steel scrap No1 busheling, broker buying price, fob Houston \$/gross ton	07 Dec 2021	430	0.00%	Nov 2021	430
MB-STE-0353	Steel scrap machine shop turnings, dealer selling price, fob dealer yard Houston, \$/gross ton	06 Dec 2021	205	0.00%	Nov 2021	205
MB-STE-0769	Steel scrap machine shop turnings, broker buying price, fob Houston \$/gross ton	07 Dec 2021	200	0.00%	Nov 2021	200
MB-STE-0352	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard Houston, \$/gross ton	06 Dec 2021	335	0.00%	Nov 2021	335
MB-STE-0768	Steel scrap shredded scrap, broker buying price, fob Houston \$/gross ton	07 Dec 2021	325	0.00%	Nov 2021	325
MB-STE-0354	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard Houston, \$/gross ton	06 Dec 2021	320	0.00%	Nov 2021	320
MB-STE-0408	Steel scrap cut structural/plate 5ft max, consumer buying price trend, delivered mill Houston, \$/gross ton	06 Dec 2021	0		Nov 2021	30
MB-STE-0770	Steel scrap plate and structurals 5ft and under, broker buying price, fob Houston \$/gross ton	07 Dec 2021	305	0.00%	Nov 2021	305
MB-STE-0404	Steel scrap No1 heavy melt, consumer buying price trend, delivered mill Houston, \$/gross ton	06 Dec 2021	0		Nov 2021	25
MB-STE-0407	Steel scrap machine shop turnings, consumer buying price trend, delivered mill Houston, \$/gross ton	06 Dec 2021	0		Nov 2021	20
MB-STE-0406	Steel scrap shredded auto scrap, consumer buying price trend, delivered mill Houston, \$/gross ton	06 Dec 2021	0		Nov 2021	50

Los Angeles

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0372	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Los Angeles, \$/gross ton	06 Dec 2021	265	0.00%	Nov 2021	269
MB-STE-0425	Steel scrap HMS 1&2 (80:20), export index, fob Los Angeles, \$/tonne	01 Dec 2021	475	-2.06%	Nov 2021	487.75
MB-STE-0374	Steel scrap No1 busheling, export yard buying price, delivered to yard Los Angeles, \$/gross ton	06 Dec 2021	275	0.00%	Nov 2021	279
MB-STE-0373	Steel scrap No2 bundles, export yard buying price, delivered to yard Los Angeles, \$/gross ton	06 Dec 2021	165	0.00%	Nov 2021	169
MB-STE-0375	Steel scrap machine shop turnings, export yard buying price, delivered to yard Los Angeles, \$/gross ton	06 Dec 2021	60	0.00%	Nov 2021	62
MB-STE-0378	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Los Angeles, \$/gross ton	06 Dec 2021	275	0.00%	Nov 2021	279

Midwest

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0424	Steel scrap No1 heavy melt, index, delivered Midwest mill, \$/gross ton	10 Nov 2021	479.22	9.88%	Nov 2021	479.22
MB-STE-0882	Steel scrap No1 busheling, indicator, delivered Midwest mill, \$/gross ton	07 Dec 2021	603	0.00%	Nov 2021	601.25
MB-STE-0422	Steel scrap No1 busheling, index, delivered Midwest mill, \$/gross ton	10 Nov 2021	602.02	3.19%	Nov 2021	602.02
MB-STE-0423	Steel scrap shredded, index, delivered Midwest mill, \$/gross ton	10 Nov 2021	539.73	11.17%	Nov 2021	539.73

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0787	Steel scrap shredder feed, fob Midwest, \$/gross ton	06 Dec 2021	220.07	-1.43%	Nov 2021	215.47

Monterrey

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0533	Steel scrap No1 heavy melt, consumer buying price, delivered mill Monterrey, \$/tonne	07 Dec 2021	318	-1.55%	Nov 2021	330.2
MB-STE-0534	Steel scrap No1 heavy melt, consumer buying price, delivered mill Monterrey, peso/tonne	07 Dec 2021	6850	0.00%	Nov 2021	6820
MB-STE-0539	Steel scrap No1 busheling, consumer buying price, delivered mill Monterrey, \$/tonne	07 Dec 2021	509	-0.59%	Nov 2021	525.8
MB-STE-0540	Steel scrap No1 busheling, consumer buying price, delivered mill Monterrey, peso/tonne	07 Dec 2021	10950	0.92%	Nov 2021	10850
MB-STE-0541	Steel scrap machine shop turnings, consumer buying price, delivered mill Monterrey, \$/tonne	07 Dec 2021	307	-1.29%	Nov 2021	324.6
MB-STE-0542	Steel scrap machine shop turnings, consumer buying price, delivered mill Monterrey, peso/tonne	07 Dec 2021	6600	0.00%	Nov 2021	6700
MB-STE-0535	Steel scrap shredded auto scrap, consumer buying price, delivered mill Monterrey, \$/tonne	07 Dec 2021	502	0.40%	Nov 2021	521.4
MB-STE-0536	Steel scrap shredded auto scrap, consumer buying price, delivered mill Monterrey, peso/tonne	07 Dec 2021	10800	1.89%	Nov 2021	10760
MB-STE-0537	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Monterrey, \$/tonne	07 Dec 2021	446	-0.45%	Nov 2021	445.6
MB-STE-0538	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Monterrey, peso/tonne	07 Dec 2021	9600	1.05%	Nov 2021	9200

Montreal

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

New York

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0379	Steel scrap No1 heavy melt, export yard buying price, delivered to yard New York, \$/gross ton	06 Dec 2021	380	-2.56%	Nov 2021	388
MB-STE-0418	Steel scrap HMS 1&2 (80:20), export index, fob New York, \$/tonne	01 Dec 2021	442.5	-2.43%	Nov 2021	451.75
MB-STE-0380	Steel scrap No2 bundles, export yard buying price, delivered to yard New York, \$/gross ton	06 Dec 2021	330	-2.94%	Nov 2021	338
MB-STE-0381	Steel scrap machine shop turnings, export yard buying price, delivered to yard New York, \$/gross ton	06 Dec 2021	275	-3.51%	Nov 2021	283

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0419	Steel scrap shredded scrap, export index, fob New York, \$/tonne	01 Dec 2021	462.5	-2.32%	Nov 2021	471.75
MB-STE-0384	Steel scrap auto bodies, export yard buying price, delivered to yard New York, \$/gross ton	06 Dec 2021	360	-2.70%	Nov 2021	368
MB-STE-0383	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard New York, \$/gross ton	06 Dec 2021	395	-2.47%	Nov 2021	403
MB-STE-0382	Steel scrap mixed cast, export yard buying price, delivered to yard New York, \$/gross ton	06 Dec 2021	375	-2.60%	Nov 2021	383
MB-STE-0385	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard New York, \$/gross ton	06 Dec 2021	390	-2.50%	Nov 2021	398

North Carolina/Virginia

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

Philadelphia

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0285	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	440	0.00%	Nov 2021	440
MB-STE-0386	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Philadelphia, \$/gross ton	06 Dec 2021	380	-2.56%	Nov 2021	388
MB-STE-0288	Steel scrap No1 busheling, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	550	0.00%	Nov 2021	550
MB-STE-0286	Steel scrap No1 bundles, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	550	0.00%	Nov 2021	550
MB-STE-0287	Steel scrap No2 bundles, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	400	2.56%	Nov 2021	390
MB-STE-0387	Steel scrap No2 bundles, export yard buying price, delivered to yard Philadelphia, \$/gross ton	06 Dec 2021	305	-3.17%	Nov 2021	313
MB-STE-0290	Steel scrap machine shop turnings, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	335	0.00%	Nov 2021	335
MB-STE-0289	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	515	1.98%	Nov 2021	505
MB-STE-0390	Steel scrap auto bodies, export yard buying price, delivered to yard Philadelphia, \$/gross ton	06 Dec 2021	345	-2.82%	Nov 2021	353
MB-STE-0297	Steel scrap unstripped motor blocks, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	460	0.00%	Nov 2021	460
MB-STE-0389	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Philadelphia, \$/gross ton	06 Dec 2021	375	-2.60%	Nov 2021	383

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0295	Steel scrap cupola cast, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	455	0.00%	Nov 2021	455
MB-STE-0296	Steel scrap clean auto cast, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	450	0.00%	Nov 2021	450
MB-STE-0298	Steel scrap heavy breakable cast, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	406	0.00%	Nov 2021	406
MB-STE-0299	Steel scrap drop broken machinery, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	511	0.00%	Nov 2021	511
MB-STE-0300	Steel scrap rail crops 2ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	575	0.00%	Nov 2021	575
MB-STE-0301	Steel scrap random rails, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	550	22.22%	Nov 2021	450
MB-STE-0291	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	565	0.00%	Nov 2021	565
MB-STE-0292	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	460	0.00%	Nov 2021	460
MB-STE-0293	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	06 Dec 2021	450	0.00%	Nov 2021	450
MB-STE-0391	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Philadelphia, \$/gross ton	06 Dec 2021	390	-2.50%	Nov 2021	398

Pittsburgh

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0303	Steel scrap No1 heavy melt, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	475	0.00%	Nov 2021	475
MB-STE-0306	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	610	0.00%	Nov 2021	610
MB-STE-0304	Steel scrap No1 bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	591	0.00%	Nov 2021	591
MB-STE-0305	Steel scrap No2 bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	389	0.00%	Nov 2021	389
MB-STE-0307	Steel scrap No1 industrial bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	617	0.00%	Nov 2021	617
MB-STE-0321	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	380	0.00%	Nov 2021	380
MB-STE-0309	Steel scrap machine shop turnings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	375	0.00%	Nov 2021	375
MB-STE-0308	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	530	0.00%	Nov 2021	530
MB-STE-0310	Steel scrap cast iron borings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	330	0.00%	Nov 2021	330
MB-STE-0388	Steel scrap mixed cast, export yard buying price, delivered to yard Philadelphia, \$/gross ton	06 Dec 2021	380	-2.56%	Nov 2021	388
MB-STE-0311	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	525	0.00%	Nov 2021	525
MB-STE-0312	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	505	0.00%	Nov 2021	505
MB-STE-0598	Steel scrap punchings and plate, consumer buying price, delivered mill Pittsburgh, \$/gross ton	06 Dec 2021	832	0.00%	Nov 2021	832

Seattle/Portland

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

South Carolina

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

St Louis

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

Composite

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0528	Steel scrap No1 heavy melt, consumer buying price, delivered mill Chicago, \$/gross ton, weekly composite	03 Dec 2021	480	0.00%	Nov 2021	
MB-STE-0529	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, \$/gross ton, weekly composite	03 Dec 2021	440	0.00%	Nov 2021	
MB-STE-0530	Steel scrap No1 heavy melt, consumer buying price, delivered mill Pittsburgh, \$/gross ton, weekly composite	03 Dec 2021	475	0.00%	Nov 2021	
MB-STE-0531	Steel scrap No1 heavy melt, consumer buying price, delivered mill, \$/gross ton, weekly composite	03 Dec 2021	465	0.00%	Nov 2021	
MB-STE-0524	Steel scrap No1 busheling, consumer buying price, delivered mill Chicago, \$/gross ton, weekly composite	03 Dec 2021	580	0.00%	Nov 2021	
MB-STE-0525	Steel scrap No1 busheling, consumer buying price, delivered mill Cleveland, \$/gross ton, weekly composite	03 Dec 2021	640	0.00%	Nov 2021	
MB-STE-0526	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, \$/gross ton, weekly composite	03 Dec 2021	610	0.00%	Nov 2021	
MB-STE-0527	Steel scrap No1 busheling, consumer buying price, delivered mill, \$/gross ton, weekly composite	03 Dec 2021	610	0.00%	Nov 2021	
MB-STE-0427	Steel scrap Shredded auto, daily composite, delivered mill US, \$/gross ton	06 Dec 2021	525.75	0.48%	Nov 2021	513.5
MB-STE-0519	Steel scrap shredded auto scrap, consumer buying price, delivered mill Alabama, \$/gross ton, weekly composite	03 Dec 2021	518	0.00%	Nov 2021	
MB-STE-0520	Steel scrap shredded auto scrap, consumer buying price, delivered mill Chicago, \$/gross ton, weekly composite	03 Dec 2021	540	0.00%	Nov 2021	
MB-STE-0521	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, \$/gross ton, weekly composite	03 Dec 2021	505	0.00%	Nov 2021	
MB-STE-0522	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, \$/gross ton, weekly composite	03 Dec 2021	530	0.00%	Nov 2021	
MB-STE-0523	Steel scrap shredded auto scrap, consumer buying price, delivered mill, \$/gross ton, weekly composite	03 Dec 2021	523.25	0.00%	Nov 2021	
MB-STE-0426	Steel scrap No1 heavy melt, daily composite, delivered mill US, \$/gross ton	06 Dec 2021	465	0.00%	Nov 2021	457.08
MB-STE-0428	Steel scrap No1 busheling, daily composite, delivered mill US, \$/gross ton	06 Dec 2021	610	0.00%	Nov 2021	606.33

US steel scrap shredder feed prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0786	Steel scrap shredder feed, fob Ohio Valley, \$/gross ton	06 Dec 2021	234.03	1.88%	Nov 2021	224.04
MB-STE-0787	Steel scrap shredder feed, fob Midwest, \$/gross ton	06 Dec 2021	220.07	-1.43%	Nov 2021	215.47
MB-STE-0788	Steel scrap shredder feed, fob Southeast, \$/gross ton	06 Dec 2021	187.85	-2.64%	Nov 2021	185.82

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	07 Dec 2021	32 - 33	0.00%	Nov 2021	32 - 33
MB-ST5-0056	Stainless steel scrap 430 bundles, export yard buying price, delivered to yard Boston, \$/gross ton	07 Dec 2021	717 - 739	0.00%	Nov 2021	717 - 739

Chicago stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0185	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Chicago, \$/gross ton	07 Dec 2021	1366 - 1613	10.83%	Nov 2021	1210 - 1478
MB-ST5-0063	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Chicago, US cents/lb	07 Dec 2021	61 - 72	10.83%	Nov 2021	54 - 66
MB-ST5-0190	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, US cents/lb	07 Dec 2021	89 - 93	1.11%	Nov 2021	85.6 - 89.6
MB-ST5-0068	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, \$/gross ton	07 Dec 2021	1994 - 2083	1.12%	Nov 2021	1917.4 - 2007.2
MB-ST5-0186	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Chicago, \$/gross ton	07 Dec 2021	1478 - 1725	4.37%	Nov 2021	1344 - 1725
MB-ST5-0064	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Chicago, US cents/lb	07 Dec 2021	66 - 77	4.38%	Nov 2021	60 - 77
MB-ST5-0189	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, US cents/lb	07 Dec 2021	94 - 99	0.52%	Nov 2021	92.6 - 94.6
MB-ST5-0067	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, \$/gross ton	07 Dec 2021	2106 - 2218	0.53%	Nov 2021	2074.2 - 2119.2
MB-ST5-0184	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Chicago, \$/gross ton	07 Dec 2021	1478 - 1725	2.86%	Nov 2021	1389 - 1725
MB-ST5-0062	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	07 Dec 2021	66 - 77	2.88%	Nov 2021	62 - 77
MB-ST5-0191	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, US cents/lb	07 Dec 2021	35 - 39	0.00%	Nov 2021	34.6 - 38.2
MB-ST5-0069	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, \$/gross ton	07 Dec 2021	784 - 874	0.00%	Nov 2021	775.2 - 856
MB-ST5-0187	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Chicago, \$/gross ton	07 Dec 2021	538 - 627	0.00%	Nov 2021	538 - 627
MB-ST5-0065	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Chicago, US cents/lb	07 Dec 2021	24 - 28	0.00%	Nov 2021	24 - 28
MB-ST5-0192	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Chicago, US cents/lb	07 Dec 2021	29 - 34	-7.35%	Nov 2021	28.8 - 33.6
MB-ST5-0070	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Chicago, \$/gross ton	07 Dec 2021	650 - 762	-7.29%	Nov 2021	645 - 752.8
MB-ST5-0194	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Chicago, US cents/lb	07 Dec 2021	27 - 30	3.64%	Nov 2021	25 - 29
MB-ST5-0072	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Chicago, \$/gross ton	07 Dec 2021	605 - 672	3.65%	Nov 2021	560 - 649.6
MB-ST5-0193	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Chicago, US cents/lb	07 Dec 2021	31 - 35	0.00%	Nov 2021	31 - 34.2
MB-ST5-0071	Stainless steel scrap 409 bundles, broker buying price, delivered to processor Chicago, \$/gross ton	07 Dec 2021	694 - 784	0.00%	Nov 2021	694 - 766
MB-ST5-0183	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Chicago, \$/gross ton	07 Dec 2021	1971 - 2442	3.69%	Nov 2021	1904 - 2352
MB-ST5-0061	Stainless steel scrap 316 solids, dealer buying price, delivered to yard Chicago, US cents/lb	07 Dec 2021	88 - 109	3.68%	Nov 2021	85 - 105
MB-ST5-0066	Stainless steel scrap 316 solids, broker buying price, delivered to processor Chicago, \$/gross ton	07 Dec 2021	2822 - 3002	1.55%	Nov 2021	2769 - 2898.6
MB-ST5-0188	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Chicago, US cents/lb	07 Dec 2021	126 - 134	1.56%	Nov 2021	123.6 - 129.4

Cleveland stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0197	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Cleveland, \$/gross	07 Dec 2021	1389 - 1456	27.01%	Nov 2021	896 - 1344
MB-ST5-0202	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Cleveland, US cents/lb	07 Dec 2021	88 - 93	0.00%	Nov 2021	85.4 - 89.6
MB-ST5-0201	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Cleveland, US cents/lb	07 Dec 2021	94 - 99	0.52%	Nov 2021	91.2 - 94.6
MB-ST5-0079	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Cleveland, \$/gross ton	07 Dec 2021	2106 - 2218	0.53%	Nov 2021	2043 - 2119.2
MB-ST5-0196	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Cleveland, \$/gross	07 Dec 2021	1478 - 1568	18.25%	Nov 2021	1120 - 1456
MB-ST5-0074	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Cleveland, US cents/lb	07 Dec 2021	66 - 70	18.26%	Nov 2021	50 - 65
MB-ST5-0075	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Cleveland, US cents/lb	07 Dec 2021	62 - 65	27.00%	Nov 2021	40 - 60
MB-ST5-0080	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Cleveland, \$/gross ton	07 Dec 2021	1971 - 2083	0.00%	Nov 2021	1913 - 2007.2
MB-ST5-0198	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Cleveland, \$/gross	07 Dec 2021	1478 - 1568	18.25%	Nov 2021	1120 - 1456
MB-ST5-0076	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Cleveland, US cents/lb	07 Dec 2021	66 - 70	18.26%	Nov 2021	50 - 65
MB-ST5-0199	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Cleveland, \$/gross	07 Dec 2021	448 - 582	14.96%	Nov 2021	336 - 560
MB-ST5-0077	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Cleveland, US cents/lb	07 Dec 2021	20 - 26	15.00%	Nov 2021	15 - 25
MB-ST5-0195	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Cleveland, \$/gross	07 Dec 2021	1904 - 2083	22.75%	Nov 2021	1344 - 1904
MB-ST5-0200	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Cleveland, US cents/lb	07 Dec 2021	126 - 134	1.56%	Nov 2021	123.2 - 129.4
MB-ST5-0078	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Cleveland, \$/gross ton	07 Dec 2021	2822 - 3002	1.55%	Nov 2021	2760 - 2898.6
MB-ST5-0073	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Cleveland, US cents/lb	07 Dec 2021	85 - 93	22.76%	Nov 2021	60 - 85

Detroit stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0205	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Detroit, \$/gross ton	07 Dec 2021	1366 - 1389	21.74%	Nov 2021	1053 - 1210
MB-ST5-0083	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Detroit, US cents/lb	07 Dec 2021	61 - 62	21.78%	Nov 2021	47 - 54
MB-ST5-0210	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, US cents/lb	07 Dec 2021	89 - 93	0.55%	Nov 2021	85.8 - 89.6
MB-ST5-0088	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, \$/gross ton	07 Dec 2021	1994 - 2083	0.57%	Nov 2021	1921.8 - 2007.2
MB-ST5-0206	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Detroit, \$/gross ton	07 Dec 2021	1478 - 1523	20.72%	Nov 2021	1142 - 1344
MB-ST5-0084	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Detroit, US cents/lb	07 Dec 2021	66 - 68	20.72%	Nov 2021	51 - 60

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0209	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, US cents/lb	07 Dec 2021	94 - 99	0.52%	Nov 2021	92.8 - 94.6
MB-ST5-0087	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, \$/gross ton	07 Dec 2021	2106 - 2218	0.53%	Nov 2021	2078.8 - 2119.2
MB-ST5-0204	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Detroit, \$/gross ton	07 Dec 2021	1478 - 1523	20.72%	Nov 2021	1142 - 1344
MB-ST5-0082	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	07 Dec 2021	66 - 68	20.72%	Nov 2021	51 - 60
MB-ST5-0207	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Detroit, \$/gross ton	07 Dec 2021	538 - 582	6.36%	Nov 2021	493 - 560
MB-ST5-0085	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Detroit, US cents/lb	07 Dec 2021	24 - 26	6.38%	Nov 2021	22 - 25
MB-ST5-0211	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Detroit, US cents/lb	07 Dec 2021	35 - 38	-1.35%	Nov 2021	35.4 - 38
MB-ST5-0089	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Detroit, \$/gross ton	07 Dec 2021	784 - 851	-1.39%	Nov 2021	792.8 - 851.4
MB-ST5-0212	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Detroit, US cents/lb	07 Dec 2021	31 - 33	-1.54%	Nov 2021	30.4 - 33.6
MB-ST5-0213	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Detroit, US cents/lb	07 Dec 2021	27 - 28	0.00%	Nov 2021	25.8 - 29
MB-ST5-0091	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Detroit, \$/gross ton	07 Dec 2021	605 - 627	0.00%	Nov 2021	577.6 - 649.6
MB-ST5-0090	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Detroit, \$/gross ton	07 Dec 2021	694 - 739	-1.58%	Nov 2021	680.8 - 752.6
MB-ST5-0208	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Detroit, US cents/lb	07 Dec 2021	126 - 134	1.56%	Nov 2021	123.6 - 129.4
MB-ST5-0086	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Detroit, \$/gross ton	07 Dec 2021	2822 - 3002	1.55%	Nov 2021	2769 - 2898.6
MB-ST5-0203	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Detroit, \$/gross ton	07 Dec 2021	1971 - 2083	16.76%	Nov 2021	1568 - 1904
MB-ST5-0081	Stainless steel scrap 316 solids, dealer buying price, delivered to yard Detroit, US cents/lb	07 Dec 2021	88 - 93	16.77%	Nov 2021	70 - 85

East Coast stainless steel scrap

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

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

Houston stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0218	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Houston, US cents/lb	07 Dec 2021	95 - 97	1.05%	Nov 2021	92.6 - 94
MB-ST5-0096	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Houston, \$/gross ton	07 Dec 2021	2128 - 2173	1.06%	Nov 2021	2074.2 - 2105.8
MB-ST5-0215	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Houston, \$/gross ton	07 Dec 2021	1344 - 1792	2.18%	Nov 2021	1389 - 1680
MB-ST5-0093	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	07 Dec 2021	60 - 80	2.19%	Nov 2021	62 - 75
MB-ST5-0219	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Houston, US cents/lb	07 Dec 2021	89 - 90	1.13%	Nov 2021	85.8 - 87.8
MB-ST5-0097	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Houston, \$/gross ton	07 Dec 2021	1994 - 2016	1.13%	Nov 2021	1921.8 - 1966.6
MB-ST5-0216	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Houston, \$/gross ton	07 Dec 2021	1389 - 1680	7.87%	Nov 2021	1277 - 1568
MB-ST5-0094	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Houston, US cents/lb	07 Dec 2021	62 - 75	7.87%	Nov 2021	57 - 70
MB-ST5-0220	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Houston, US cents/lb	07 Dec 2021	31 - 32	3.28%	Nov 2021	28 - 29.8
MB-ST5-0098	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Houston, \$/gross ton	07 Dec 2021	694 - 717	3.29%	Nov 2021	627.4 - 667.4
MB-ST5-0221	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Houston, US cents/lb	07 Dec 2021	26 - 27	3.92%	Nov 2021	22.2 - 23.2
MB-ST5-0099	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Houston, \$/gross ton	07 Dec 2021	582 - 605	3.94%	Nov 2021	497.2 - 519.6
MB-ST5-0214	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Houston, \$/gross ton	07 Dec 2021	2016 - 2352	4.27%	Nov 2021	2016 - 2173
MB-ST5-0092	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	07 Dec 2021	90 - 105	4.28%	Nov 2021	90 - 97
MB-ST5-0217	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Houston, US cents/lb	07 Dec 2021	132 - 138	3.45%	Nov 2021	125.8 - 128.4
MB-ST5-0095	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Houston, \$/gross ton	07 Dec 2021	2957 - 3091	3.46%	Nov 2021	2818 - 2876

Los Angeles stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0227	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Los Angeles, US cents/lb	07 Dec 2021	49.11 - 51.34	0.00%	Nov 2021	49.11 - 51.36
MB-ST5-0105	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Los Angeles, \$/gross ton	07 Dec 2021	1100 - 1150	0.00%	Nov 2021	1100 - 1150.4

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0226	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Los Angeles, US cents/lb	07 Dec 2021	69.2 - 70.31	-1.57%	Nov 2021	70.31 - 71.43
MB-ST5-0104	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Los Angeles, \$/gross ton	07 Dec 2021	1550 - 1575	-1.57%	Nov 2021	1575 - 1600
MB-ST5-0228	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Los Angeles, US cents/lb	07 Dec 2021	14.73 - 15.63	0.00%	Nov 2021	14.73 - 15.63
MB-ST5-0106	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Los Angeles, \$/gross ton	07 Dec 2021	330 - 350	0.00%	Nov 2021	330 - 350

Montreal stainless steel scrap

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

New York stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0236	Stainless steel scrap 304 turnings, broker buying price, delivered to processor New York, US cents/lb	07 Dec 2021	88 - 93	0.00%	Nov 2021	85.8 - 89.6
MB-ST5-0114	Stainless steel scrap 304 turnings, broker buying price, delivered to processor New York, \$/gross ton	07 Dec 2021	1971 - 2083	0.00%	Nov 2021	1921.8 - 2007.2
MB-ST5-0116	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, \$/gross ton	07 Dec 2021	1904 - 1938	-1.99%	Nov 2021	1895.4 - 1917.4
MB-ST5-0238	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, US cents/lb	07 Dec 2021	85 - 86.5	-2.00%	Nov 2021	84.6 - 85.6
MB-ST5-0235	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor New York, US cents/lb	07 Dec 2021	94 - 99	0.52%	Nov 2021	92.8 - 95.2
MB-ST5-0113	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor New York, \$/gross ton	07 Dec 2021	2106 - 2218	0.53%	Nov 2021	2078.8 - 2132.6
MB-ST5-0237	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, US cents/lb	07 Dec 2021	95 - 96	-0.78%	Nov 2021	94.9 - 96.1
MB-ST5-0115	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, \$/gross ton	07 Dec 2021	2128 - 2150	-0.79%	Nov 2021	2125.8 - 2152.4
MB-ST5-0239	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, US cents/lb	07 Dec 2021	32 - 33	0.00%	Nov 2021	32 - 33

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0117	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, \$/gross ton	07 Dec 2021	717 - 739	0.00%	Nov 2021	717 - 739
MB-ST5-0234	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor New York, US cents/lb	07 Dec 2021	124 - 132	0.00%	Nov 2021	123.6 - 129.6
MB-ST5-0112	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor New York, \$/gross ton	07 Dec 2021	2778 - 2957	0.00%	Nov 2021	2769 - 2903

Philadelphia stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0241	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Philadelphia, US cents/lb	07 Dec 2021	85 - 86.5	-2.00%	Nov 2021	84.6 - 85.6
MB-ST5-0119	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Philadelphia, \$/gross ton	07 Dec 2021	1904 - 1938	-1.99%	Nov 2021	1895.4 - 1917.4
MB-ST5-0240	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Philadelphia, US cents/lb	07 Dec 2021	95 - 96	-0.78%	Nov 2021	94.9 - 96.1
MB-ST5-0118	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Philadelphia, \$/gross ton	07 Dec 2021	2128 - 2150	-0.79%	Nov 2021	2125.8 - 2152.4
MB-ST5-0242	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Philadelphia, US cents/lb	07 Dec 2021	32 - 33	0.00%	Nov 2021	32 - 33
MB-ST5-0120	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Philadelphia, \$/gross ton	07 Dec 2021	717 - 739	0.00%	Nov 2021	717 - 739

Pittsburgh stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0042	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	07 Dec 2021	50 - 62	13.13%	Nov 2021	45 - 54
MB-ST5-0164	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	07 Dec 2021	1120 - 1389	13.12%	Nov 2021	1008 - 1210
MB-ST5-0169	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	07 Dec 2021	88 - 93	0.00%	Nov 2021	85.4 - 89.6
MB-ST5-0047	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, \$/gross ton	07 Dec 2021	1971 - 2083	0.00%	Nov 2021	1913 - 2007.2
MB-ST5-0256	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Nov 2021	83 - 84	5.70%	Nov 2021	83 - 84
MB-ST5-0134	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Nov 2021	1859 - 1882	5.71%	Nov 2021	1859 - 1882
MB-ST5-0168	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, US cents/lb	07 Dec 2021	94 - 99	0.52%	Nov 2021	91.2 - 94.6
MB-ST5-0255	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Nov 2021	92 - 93	5.11%	Nov 2021	92 - 93
MB-ST5-0163	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	07 Dec 2021	1008 - 1568	0.00%	Nov 2021	1232 - 1344
MB-ST5-0041	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	07 Dec 2021	45 - 70	0.00%	Nov 2021	55 - 60
MB-ST5-0046	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, \$/gross ton	07 Dec 2021	2106 - 2218	0.53%	Nov 2021	2043 - 2119.2
MB-ST5-0133	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Nov 2021	2061 - 2083	5.10%	Nov 2021	2061 - 2083

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0165	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	07 Dec 2021	1008 - 1568	0.00%	Nov 2021	1232 - 1344
MB-ST5-0043	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	07 Dec 2021	45 - 70	0.00%	Nov 2021	55 - 60
MB-ST5-0171	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	07 Dec 2021	31 - 34	1.56%	Nov 2021	30 - 33
MB-ST5-0049	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Pittsburgh, \$/gross ton	07 Dec 2021	694 - 762	1.53%	Nov 2021	672 - 739.4
MB-ST5-0257	Stainless steel scrap 430 bundles, solids, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Nov 2021	33.71 - 34.6	2.71%	Nov 2021	33.71 - 34.6
MB-ST5-0170	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, US cents/lb	07 Dec 2021	35 - 38	-1.35%	Nov 2021	35 - 38
MB-ST5-0048	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, \$/gross ton	07 Dec 2021	784 - 851	-1.39%	Nov 2021	784 - 851.4
MB-ST5-0135	Stainless steel scrap 430 bundles, solids, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Nov 2021	755 - 775	2.68%	Nov 2021	755 - 775
MB-ST5-0166	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	07 Dec 2021	336 - 582	5.03%	Nov 2021	336 - 538
MB-ST5-0044	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	07 Dec 2021	15 - 26	5.13%	Nov 2021	15 - 24
MB-ST5-0172	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Pittsburgh, US cents/lb	07 Dec 2021	31 - 33	-1.54%	Nov 2021	30.4 - 33.6
MB-ST5-0258	Stainless steel scrap 409 bundles, solids, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Nov 2021	29.24 - 29.46	3.13%	Nov 2021	29.24 - 29.46
MB-ST5-0136	Stainless steel scrap 409 bundles, solids, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Nov 2021	655 - 660	3.14%	Nov 2021	655 - 660
MB-ST5-0173	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	07 Dec 2021	27 - 28	0.00%	Nov 2021	25 - 29
MB-ST5-0050	Stainless steel scrap 409 bundles, broker buying price, delivered to processor Pittsburgh, \$/gross ton	07 Dec 2021	694 - 739	-1.58%	Nov 2021	680.8 - 752.6
MB-ST5-0051	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Pittsburgh, \$/gross ton	07 Dec 2021	605 - 627	0.00%	Nov 2021	560 - 649.6
MB-ST5-0167	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Pittsburgh, US cents/lb	07 Dec 2021	126 - 134	1.56%	Nov 2021	123.2 - 129.4
MB-ST5-0254	Stainless steel scrap 316 solids, clips, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Nov 2021	134 - 136	4.65%	Nov 2021	134 - 136
MB-ST5-0162	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	07 Dec 2021	1680 - 2083	8.38%	Nov 2021	1568 - 1904
MB-ST5-0040	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	07 Dec 2021	75 - 93	8.39%	Nov 2021	70 - 85
MB-ST5-0132	Stainless steel scrap 316 solids, clips, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Nov 2021	3002 - 3046	4.65%	Nov 2021	3002 - 3046
MB-ST5-0045	Stainless steel scrap 316 solids, broker buying price, delivered to processor Pittsburgh, \$/gross ton	07 Dec 2021	2822 - 3002	1.55%	Nov 2021	2760 - 2898.6

San Francisco stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0248	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard San Francisco, US cents/lb	07 Dec 2021	49.11 - 51.34	0.00%	Nov 2021	49.11 - 51.36

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0126	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard San Francisco, \$/gross ton	07 Dec 2021	1100 - 1150	0.00%	Nov 2021	1100 - 1150.4
MB-ST5-0247	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard San Francisco, US cents/lb	07 Dec 2021	69.2 - 70.31	-1.57%	Nov 2021	70.31 - 71.43
MB-ST5-0125	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard San Francisco, \$/gross ton	07 Dec 2021	1550 - 1575	-1.57%	Nov 2021	1575 - 1600
MB-ST5-0249	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard San Francisco, US cents/lb	07 Dec 2021	14.73 - 15.63	0.00%	Nov 2021	14.73 - 15.63
MB-ST5-0127	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard San Francisco, \$/gross ton	07 Dec 2021	330 - 350	0.00%	Nov 2021	330 - 350

Southeast US stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0151	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	07 Dec 2021	88 - 93	0.00%	Nov 2021	85.8 - 89.4
MB-ST5-0139	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Southeast US, \$/gross ton	07 Dec 2021	1971 - 2083	0.00%	Nov 2021	1921.8 - 2002.8
MB-ST5-0147	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Southeast US, US cents/lb	07 Dec 2021	38 - 62	2.04%	Nov 2021	38 - 60
MB-ST5-0159	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Southeast US, \$/gross ton	07 Dec 2021	851 - 1389	2.05%	Nov 2021	851 - 1344
MB-ST5-0138	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Southeast US, \$/gross ton	07 Dec 2021	2106 - 2218	0.53%	Nov 2021	2078.8 - 2119.2
MB-ST5-0150	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Southeast US, US cents/lb	07 Dec 2021	94 - 99	0.52%	Nov 2021	92.8 - 94.6
MB-ST5-0158	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Southeast US, \$/gross ton	07 Dec 2021	1120 - 1546	3.49%	Nov 2021	1120 - 1456
MB-ST5-0146	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Southeast US, US cents/lb	07 Dec 2021	50 - 69	3.48%	Nov 2021	50 - 65
MB-ST5-0145	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Southeast US, US cents/lb	07 Dec 2021	50 - 69	3.48%	Nov 2021	50 - 65
MB-ST5-0157	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Southeast US, \$/gross ton	07 Dec 2021	1120 - 1546	3.49%	Nov 2021	1120 - 1456
MB-ST5-0161	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Southeast US, \$/gross ton	07 Dec 2021	403 - 582	29.27%	Nov 2021	224 - 538
MB-ST5-0155	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Southeast US, US cents/lb	07 Dec 2021	35 - 38	-1.35%	Nov 2021	34.2 - 38
MB-ST5-0143	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Southeast US, \$/gross ton	07 Dec 2021	784 - 851	-1.39%	Nov 2021	766 - 851.4
MB-ST5-0144	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Southeast US, \$/gross ton	07 Dec 2021	694 - 762	1.53%	Nov 2021	658.4 - 739.4
MB-ST5-0156	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	07 Dec 2021	31 - 34	1.56%	Nov 2021	29.4 - 33
MB-ST5-0149	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Southeast US, US cents/lb	07 Dec 2021	18 - 26	29.41%	Nov 2021	10 - 24
MB-ST5-0154	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	07 Dec 2021	26 - 28	-1.82%	Nov 2021	24.6 - 29
MB-ST5-0142	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Southeast US, \$/gross ton	07 Dec 2021	582 - 627	-1.87%	Nov 2021	551.2 - 649.6

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0141	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Southeast US, \$/gross ton	07 Dec 2021	694 - 739	-1.58%	Nov 2021	672 - 752.6
MB-ST5-0153	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Southeast US, US cents/lb	07 Dec 2021	31 - 33	-1.54%	Nov 2021	30 - 33.6
MB-ST5-0160	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Southeast US, \$/gross ton	07 Dec 2021	1837 - 2128	10.63%	Nov 2021	1568 - 2016
MB-ST5-0148	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Southeast US, US cents/lb	07 Dec 2021	82 - 95	10.63%	Nov 2021	70 - 90
MB-ST5-0152	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Southeast US, US cents/lb	07 Dec 2021	126 - 134	1.56%	Nov 2021	123.6 - 129.4
MB-ST5-0140	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Southeast US, \$/gross ton	07 Dec 2021	2822 - 3002	1.55%	Nov 2021	2769 - 2898.6

West Coast stainless steel scrap

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

Europe domestic

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0431	Steel scrap 12 D new production clean shovellable steel domestic, delivered consumer UK, £/tonne	12 Nov 2021	295 - 310	9.01%	Nov 2021	295 - 310
MB-STE-0432	Steel scrap 12 A/C new production heavy steel domestic, delivered consumer UK, £/tonne	12 Nov 2021	290 - 305	9.17%	Nov 2021	290 - 305
MB-STE-0430	Steel scrap 7B heavy steel turnings inter-merchant, delivered to export dock UK, £/tonne	12 Nov 2021	210 - 225	10.13%	Nov 2021	210 - 225
MB-STE-0081	Steel scrap 4C new steel bales domestic, delivered consumer UK, £/tonne	12 Nov 2021	285 - 300	9.35%	Nov 2021	285 - 300
MB-STE-0087	Steel scrap OA plate and structural domestic, delivered consumer UK, £/tonne	12 Nov 2021	250 - 265	8.42%	Nov 2021	250 - 265
MB-STE-0080	Steel scrap 4A new steel bales domestic, delivered consumer UK, £/tonne	12 Nov 2021	295 - 310	9.01%	Nov 2021	295 - 310
MB-STE-0084	Steel scrap 8B new loose light cuttings domestic, delivered consumer UK, £/tonne	12 Nov 2021	270 - 285	9.90%	Nov 2021	270 - 285

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0085	Steel scrap 9A/10 heavy and light cast iron domestic, delivered consumer UK, £/tonne	12 Nov 2021	240 - 255	8.79%	Nov 2021	240 - 255
MB-STE-0078	Steel scrap 11A cast iron borings (low P) domestic, delivered consumer UK, £/tonne	12 Nov 2021	200 - 210	10.81%	Nov 2021	200 - 210
MB-STE-0086	Steel scrap 9B/C cylinder block scrap domestic, delivered consumer UK, £/tonne	12 Nov 2021	260 - 275	8.08%	Nov 2021	260 - 275
MB-STE-0083	Steel scrap 8A new loose light cuttings domestic, delivered consumer UK, £/tonne	12 Nov 2021	285 - 300	9.35%	Nov 2021	285 - 300
MB-STE-0077	Steel scrap 1&2 old steel domestic, delivered consumer UK, £/tonne	12 Nov 2021	230 - 245	9.20%	Nov 2021	230 - 245
MB-STS-0012	Steel scrap 5C loose old light domestic, delivered inter-merchant UK, £/tonne	03 Dec 2021	185 - 200	0.00%	Nov 2021	185 - 196.25
MB-STE-0167	Steel scrap No E3 (old thick scrap) domestic, delivered mill Italy, €/tonne	16 Nov 2021	380 - 420	1.27%	Nov 2021	380 - 420
MB-STE-0169	Steel scrap No E3 (old thick steel scrap) domestic, delivered mill Germany, €/tonne	16 Nov 2021	410 - 430	6.33%	Nov 2021	410 - 430
MB-STE-0093	Steel scrap auto bundle scrap domestic, delivered Turkey, lira/tonne	06 Dec 2021	5750 - 6730	9.67%	Nov 2021	4602 - 5310
MB-STE-0415	Steel scrap E8 thin new production steel domestic, delivered consumer Germany, €/tonne	16 Nov 2021	480 - 495	5.98%	Nov 2021	480 - 495
MB-STE-0168	Steel scrap No E8 (thin new production steel scrap) domestic, delivered mill Italy, €/tonne	16 Nov 2021	460 - 480	2.17%	Nov 2021	460 - 480
MB-STE-0414	Steel scrap E40 shredded domestic, delivered consumer Germany, €/tonne	16 Nov 2021	430 - 435	8.13%	Nov 2021	430 - 435
MB-STE-0849	Steel scrap E40 shredded, delivered to mill Italy, €/tonne	16 Nov 2021	450 - 460	2.25%	Nov 2021	450 - 460

Europe export

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0095	Steel scrap shredded import, cfr delivered Turkish port, \$/tonne	03 Dec 2021	495 - 505	-2.91%	Nov 2021	508.25 - 520.75
MB-STE-0096	Steel scrap HMS 1&2 (75:25 mix) import, cfr delivered Turkish port, \$/tonne	03 Dec 2021	465 - 470	-3.01%	Nov 2021	480.75 - 485
MB-STE-0097	Steel scrap HMS 1&2 (75:25 mix) export, fob Rotterdam, \$/tonne	03 Dec 2021	427 - 432	-3.27%	Nov 2021	438.5 - 442.75
MB-STE-0098	Steel scrap shredded export, fob Rotterdam, \$/tonne	03 Dec 2021	456 - 458	-3.18%	Nov 2021	465.25 - 468.25
MB-STE-0099	Steel scrap shredded export, fob main port UK, \$/tonne	03 Dec 2021	459 - 464	-3.05%	Nov 2021	469.75 - 472
MB-STE-0100	Steel scrap HMS 1&2 (80:20 mix) export, fob main port UK, \$/tonne	03 Dec 2021	439 - 444	-3.18%	Nov 2021	450.25 - 452.5
MB-STE-0416	Steel scrap HMS 1&2 (80:20 mix) North Europe origin, cfr Turkey, \$/tonne	07 Dec 2021	476.86	0.00%	Nov 2021	491.15
MB-STE-0894	Steel scrap, HMS 1&2 (80:20 mix), month-to-date deal-weighted average, North Europe origin, cfr Turkey, \$/tonne	07 Dec 2021	477.63	0.00%	Nov 2021	488.82
MB-STE-0417	Steel scrap HMS 1&2 (80:20 mix) US origin, cfr Turkey, \$/tonne	07 Dec 2021	484.83	0.00%	Nov 2021	499.04
MB-STE-0420	Steel scrap HMS 1&2 (80:20 mix), fob Rotterdam, \$/tonne	03 Dec 2021	444.15	-1.82%	Nov 2021	449.12

European stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0008	Stainless steel scrap 18/8 solids import, cif main European port, €/tonne	03 Dec 2021	1830 - 1870	0.82%	Nov 2021	1760 - 1785
MB-STS-0011	Stainless steel scrap 18/8 turnings domestic, delivered merchants UK, £/tonne	03 Dec 2021	1280 - 1330	0.38%	Nov 2021	1222.5 - 1291.25
MB-STS-0010	Stainless steel scrap 18/8 solids domestic, delivered merchants UK, £/tonne	03 Dec 2021	1470 - 1530	0.33%	Nov 2021	1405 - 1485

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0009	Stainless steel scrap 18/8 turnings import, cif main European port, €/tonne	03 Dec 2021	1640 - 1685	0.61%	Nov 2021	1573.75 - 1606.25
MB-ST5-0013	Stainless steel scrap 12-13% Cr solids domestic, delivered merchants UK, £/tonne	03 Dec 2021	350 - 370	0.00%	Nov 2021	350 - 370
MB-ST5-0014	Stainless steel scrap 16-17% Cr solids domestic, delivered merchants UK, £/tonne	03 Dec 2021	390 - 410	0.00%	Nov 2021	390 - 410
MB-ST5-0261	Stainless steel scrap 316 solids import, cif main port Europe, €/tonne	03 Dec 2021	2570 - 2590	0.00%	Nov 2021	2550 - 2560
MB-ST5-0262	Stainless steel scrap 316 turnings import, cif main port Europe, €/tonne	03 Dec 2021	2315 - 2330	0.00%	Nov 2021	2295 - 2302.5
MB-ST5-0260	Stainless steel scrap 316 turnings domestic, delivered merchants UK, £/tonne	03 Dec 2021	1785 - 1870	-0.54%	Nov 2021	1763.75 - 1835
MB-ST5-0259	Stainless steel scrap 316 solids domestic, delivered merchants UK, £/tonne	03 Dec 2021	2050 - 2150	-0.59%	Nov 2021	2027.5 - 2111.25

Asia domestic and export

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0149	Steel scrap heavy scrap domestic, delivered mill China, yuan/tonne	03 Dec 2021	3190 - 3340	0.62%	Nov 2021	3285 - 3472.5
MB-STE-0889	Steel scrap, index, heavy recycled steel materials, cfr east China, \$/tonne	07 Dec 2021	468.33	-0.36%	Nov 2021	475.77
MB-STE-0895	Steel scrap, index, heavy recycled steel materials, cfr north China, \$/tonne	07 Dec 2021	478.33	-0.35%	Nov 2021	485.77
MB-STE-0464	Steel scrap HMS 1&2 (80:20 mix) US material import, cfr main port Taiwan, \$/tonne	07 Dec 2021	455 - 460	0.00%	Nov 2021	456.62 - 460.62
MB-STE-0874	Steel scrap H2 export, fob main port Japan, ¥/tonne	01 Dec 2021	49500 - 51500	0.00%	Nov 2021	51125 - 52500
MB-STE-0875	Steel scrap shredded export, fob main port Japan, ¥/tonne	01 Dec 2021	53000 - 53500	-6.58%	Nov 2021	58250 - 59000
MB-STE-0876	Steel scrap Shindachi bara export, fob main port Japan, ¥/tonne	01 Dec 2021	61000 - 61500	-2.39%	Nov 2021	64500 - 65125
MB-STE-0877	Steel scrap heavy scrap (HS) export, fob main port Japan, ¥/tonne	01 Dec 2021	60000 - 61000	0.00%	Nov 2021	62000 - 62500
MB-STE-0878	Steel scrap H2 Japan-origin import, cfr Vietnam, \$/tonne	03 Dec 2021	495 - 500	-2.45%	Nov 2021	513.75 - 517.5
MB-STE-0783	Steel scrap HMS 1&2 (80:20), cfr Vietnam, \$/tonne	03 Dec 2021	525 - 530	-0.47%	Nov 2021	536.25 - 540
MB-STE-0879	Steel scrap H2 Japan origin import, cfr main port South Korea, ¥/tonne	03 Dec 2021	51000 - 53000	-4.59%	Nov 2021	55250 - 56125
MB-STE-0880	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr South Korea, \$/tonne	03 Dec 2021	510	-1.73%	Nov 2021	518.5 - 526
MB-STE-0421	Steel scrap shredded, index, import, cfr Nhava Sheva, India \$/tonne	07 Dec 2021	538.37	-0.11%	Nov 2021	546.65
MB-STE-0413	Steel scrap HMS 1&2 (80:20 mix) import, cfr Nhava Sheva, India, \$/tonne	03 Dec 2021	455 - 465	-1.08%	Nov 2021	470 - 485
MB-STE-0881	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr Bangladesh, \$/tonne	02 Dec 2021	540 - 560	0.00%	Nov 2021	553.75 - 566.25
MB-STE-0884	Steel scrap HMS 1&2 (80:20) containerized import, cfr Bangladesh, \$/tonne	02 Dec 2021	520 - 540	-1.85%	Nov 2021	545 - 555
MB-STE-0885	Steel scrap shredded containerized import, cfr Bangladesh, \$/tonne	02 Dec 2021	565 - 575	-2.15%	Nov 2021	573.75 - 583
MB-STE-0886	Steel scrap shredded deep-sea origin import, cfr Bangladesh, \$/tonne	02 Dec 2021	560 - 580	0.00%	Nov 2021	566.25 - 576.25
MB-STE-0887	Steel scrap shredded, index, import, cfr Port Qasim, Pakistan \$/tonne	03 Dec 2021	556.42	-0.53%	Nov 2021	560.41

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	07 Dec 2021	111.34	8.28%	Nov 2021	95.32
MB-IRO-0009	Iron ore 65% Fe Brazil-origin fines, cfr Qingdao, \$/tonne	07 Dec 2021	127.2	7.98%	Nov 2021	110.92
MB-IRO-0010	Iron ore 63% Fe Australia-origin lump ore premium, cfr Qingdao, US cents/dmtu	07 Dec 2021	15.5	10.71%	Nov 2021	14.1
MB-IRO-0011	Iron ore 62% Fe fines, fot Qingdao, yuan/wet tonne	07 Dec 2021	720	4.80%	Nov 2021	653.1
MB-IRO-0012	Iron ore 65% Fe blast furnace pellet, cfr Qingdao, \$/tonne	03 Dec 2021	168.35	1.35%	Nov 2021	165.99
MB-IRO-0013	Iron ore 66% Fe concentrate, cfr Qingdao, \$/tonne	03 Dec 2021	122.2	4.63%	Nov 2021	113.44
MB-IRO-0015	Iron ore 58% Fe fines, cfr Qingdao, \$/tonne	07 Dec 2021	68.49	7.84%	Nov 2021	59.43
MB-IRO-0016	Iron ore 58% Fe fines high-grade premium, cfr Qingdao, \$/tonne	07 Dec 2021	17	21.43%	Nov 2021	8.62
MB-IRO-0017	Iron ore 58% Fe fines high-grade premium index, cfr Qingdao, \$/tonne	07 Dec 2021	85.49	10.30%	Nov 2021	68.05
MB-IRO-0018	Iron ore 62% Fe fines, % Fe VIU, cfr Qingdao, \$/tonne	07 Dec 2021	2.08	0.00%	Nov 2021	1.9
MB-IRO-0019	Iron ore 65% Fe fines, % Fe VIU, cfr Qingdao \$/tonne	07 Dec 2021	2.1	0.00%	Nov 2021	2.16
MB-IRO-0020	Iron ore 62% Fe fines, % Si VIU, cfr Qingdao, \$/tonne	07 Dec 2021	(4.93)		Nov 2021	(4.97)
MB-IRO-0021	Iron ore 62% Fe fines, % Al2O3 VIU, cfr Qingdao, \$/tonne	07 Dec 2021	(6.16)		Nov 2021	(6.27)
MB-IRO-0022	Iron ore 62% Fe fines, fot Qingdao, \$/tonne conversion	07 Dec 2021	103.75	5.10%	Nov 2021	93.49
MB-IRO-0024	Iron ore 62% Fe fines, 0.01% P VIU, cfr Qingdao, \$/tonne	07 Dec 2021	(0.83)		Nov 2021	(0.85)
MB-IRO-0076	Iron ore product differential - 62% Fe Pilbara Blend Fines, cfr Qingdao, \$/tonne	07 Dec 2021	(1.26)		Nov 2021	(1.2)
MB-IRO-0077	Iron ore DR-grade pellet premium to 65% Fe fines index, Middle East reference, \$/tonne	30 Nov 2021	50	0.00%	Nov 2021	50
MB-IRO-0114	Iron ore 62% Fe Pilbara blend fines, cfr Qingdao, \$/tonne	07 Dec 2021	110.08	8.38%	Nov 2021	94.12
MB-IRO-0144	Iron ore 62% Fe low-alumina fines, cfr Qingdao, \$/tonne	07 Dec 2021	112.52	8.73%	Nov 2021	96.26
MB-IRO-0177	Iron ore pellet premium over 65% Fe fines, cfr China, \$/tonne	03 Dec 2021	49.7	-1.39%	Nov 2021	52.63

Coking coal, coke & PCI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-COA-0001	Hard coking coal domestic China spot market, Shanxi-origin, delivered Tangshan, yuan/tonne	06 Dec 2021	2175 - 2620	-5.52%	Nov 2021	3169 - 3636
MB-COA-0002	Hard coking coal, cfr Jingtang, \$/dmt	07 Dec 2021	329.84	0.00%	Nov 2021	432.32
MB-COA-0003	Premium hard coking coal, fob DBCT, \$/dmt	07 Dec 2021	337.96	0.51%	Nov 2021	370.57
MB-COA-0004	Hard coking coal, fob DBCT, \$/dmt	07 Dec 2021	278.63	1.89%	Nov 2021	312.26
MB-COA-0005	Premium hard coking coal, cfr Jingtang, \$/dmt	07 Dec 2021	357.45	-0.70%	Nov 2021	490.35
MB-COA-0006	Coke 65% CSR, fob China, \$/tonne	07 Dec 2021	470 - 520	-1.00%	Nov 2021	573 - 601
MB-COA-0007	PCI low-vol, cfr Jingtang, \$/dmt	03 Dec 2021	209.53	-2.09%	Nov 2021	235.64
MB-COA-0008	PCI low-vol, fob DBCT, \$/dmt	03 Dec 2021	216.07	6.79%	Nov 2021	222.25



Pig iron, DRI & HBI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FE-0002	Hot-briquetted iron export, fob main port Venezuela, \$/tonne	03 Dec 2021	370 - 390	0.00%	Nov 2021	370 - 390
MB-FE-0003	Hot-briquetted iron, fob New Orleans, \$/tonne	06 Dec 2021	490 - 520	0.00%	Nov 2021	462 - 476
MB-FE-0004	Hot-briquetted iron, cfr Italian ports, \$/tonne	02 Dec 2021	490 - 495	7.07%	Nov 2021	460
MB-FEN-0001	Nickel pig iron, high-grade NPI content 10-15%, contract, ddp China, yuan/nickel unit price	03 Dec 2021	1460 - 1495	0.00%	Nov 2021	1475 - 1510
MB-FEN-0002	Nickel pig iron, high-grade NPI content 10-15%, spot, ddp China, yuan/nickel unit price	03 Dec 2021	1450 - 1470	-0.68%	Nov 2021	1472.5 - 1495
MB-FEN-0004	Pig iron foundry grade, Brazil, fob New Orleans, \$/tonne	06 Dec 2021	710 - 740	0.00%	Nov 2021	698 - 728
MB-IRO-0001	Pig iron export, fob main port Baltic Sea, CIS, \$/tonne	02 Dec 2021	550 - 570	0.00%	Nov 2021	565 - 597.5
MB-IRO-0002	Pig iron export, fob main port Black Sea, CIS, \$/tonne	02 Dec 2021	515 - 535	-0.94%	Nov 2021	522.5 - 541.25
MB-IRO-0004	Pig iron import, cfr Gulf of Mexico, US, \$/tonne	03 Dec 2021	560 - 570	-0.88%	Nov 2021	566.25 - 573.75
MB-IRO-0005	Pig iron export, fob port of Vitoria/Rio, Brazil, \$/tonne	03 Dec 2021	500	-0.99%	Nov 2021	500 - 510
MB-IRO-0006	Pig iron export, fob Ponta da Madeira, Brazil, \$/tonne	03 Dec 2021	540 - 550	-0.91%	Nov 2021	545.5 - 547.5
MB-IRO-0014	Pig iron import, cfr Italy, \$/tonne	02 Dec 2021	565 - 580	-0.43%	Nov 2021	568.75 - 583.75
MB-IRO-0023	Direct reduced iron domestic, exw India, rupees/tonne	03 Dec 2021	29200 - 29400	-3.62%	Nov 2021	32100 - 32300
MB-IRO-0078	Pig iron basic grade, Brazil, fob New Orleans, \$/tonne	06 Dec 2021	580 - 610	0.00%	Nov 2021	573 - 603
MB-IRO-0079	Pig iron basic grade, Ukraine/Russia, fob New Orleans, \$/tonne	06 Dec 2021	580 - 610	0.00%	Nov 2021	574 - 604
MB-IRO-0178	Pig iron, import, cfr China, \$/tonne	25 Nov 2021	515 - 530	-4.13%	Nov 2021	527.5 - 540

Steel prices

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

Hot-rolled steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0028	Steel hot-rolled coil index domestic, exw Northern Europe, €/tonne	07 Dec 2021	916.25	-0.41%	Nov 2021	998.21
MB-STE-0046	Steel hot-rolled coil import, cfr main port Northern Europe, €/tonne	01 Dec 2021	880 - 900	-0.56%	Nov 2021	875 - 905
MB-STE-0047	Steel hot-rolled coil import, cfr main port Southern Europe, €/tonne	01 Dec 2021	830 - 850	-3.45%	Nov 2021	862.5 - 890
MB-STE-0532	Steel hot-rolled coil domestic, exw Central Europe, €/tonne	01 Dec 2021	820 - 850	-8.24%	Nov 2021	900 - 922.5
MB-STE-0892	Steel hot-rolled coil index domestic, exw Italy, €/tonne	07 Dec 2021	853.33	0.00%	Nov 2021	894.07
MB-STE-0893	Steel hot-rolled coil domestic, exw Spain, €/tonne	01 Dec 2021	900 - 930	-3.68%	Nov 2021	1010 - 1045
MB-STE-0107	Steel hot-rolled coil export, fob main port Turkey, \$/tonne	03 Dec 2021	850 - 860	-0.87%	Nov 2021	896 - 923
MB-STE-0105	Steel hot-rolled coil import, cfr main port Turkey, \$/tonne	03 Dec 2021	820 - 840	-1.48%	Nov 2021	849 - 882
MB-STE-0108	Steel hot-rolled coil domestic, exw Turkey, \$/tonne	03 Dec 2021	850 - 860	0.00%	Nov 2021	891 - 914
MB-STE-0014	Steel hot-rolled coil export, fob Black Sea, CIS, \$/tonne	06 Dec 2021	785 - 805	-1.24%	Nov 2021	829 - 852
MB-STE-0065	Steel hot-rolled sheet domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	06 Dec 2021	76000 - 77000	-1.92%	Nov 2021	75200 - 77600
MB-STE-0468	Steel hot-rolled coil index, fob mill US, \$/short ton	07 Dec 2021	1706.2	-2.09%	Nov 2021	
MB-STE-0184	Steel hot-rolled coil index, fob mill US, \$/cwt	07 Dec 2021	85.31	-2.09%	Nov 2021	91.62
MB-STE-0180	Steel hot-rolled coil, import, ddp Houston, \$/short ton	24 Nov 2021	1360 - 1440	-5.08%	Nov 2021	1400 - 1475
MB-STE-0007	Steel hot-rolled coil domestic monthly, exw Brazil, reais/tonne	12 Nov 2021	5950 - 6135	-15.90%	Nov 2021	5950 - 6135
MB-STE-0133	Steel hot-rolled coil (dry) export, fob main port Latin America, \$/tonne	03 Dec 2021	810 - 860	0.00%	Nov 2021	845 - 880
MB-STE-0102	Steel hot-rolled coil import, cfr main ports South America, \$/tonne	03 Dec 2021	890 - 930	-0.55%	Nov 2021	917.5 - 958.75
MB-STE-0444	Steel hot-rolled coil import, cfr main port India, \$/tonne	03 Dec 2021	830 - 835	-2.63%	Nov 2021	835 - 871.25
MB-STE-0445	Steel hot-rolled coil (CR grade) import, cfr main port India, \$/tonne	03 Dec 2021	835 - 840	-2.33%	Nov 2021	842.5 - 850
MB-STE-0442	Steel hot-rolled coil (commodity) export, fob main port India, \$/tonne	03 Dec 2021	780 - 830	0.00%	Nov 2021	812.5 - 840
MB-STE-0436	Steel hot-rolled coil domestic, ex-whse India, rupees/tonne	03 Dec 2021	67000 - 67750	-4.43%	Nov 2021	70000 - 71000
MB-STE-0158	Steel hot-rolled coil domestic, exw Northern China, yuan/tonne	03 Dec 2021	4730 - 4750	0.00%	Nov 2021	4812.5 - 4857.5
MB-STE-0144	Steel hot-rolled coil index export, fob main port China, \$/tonne	07 Dec 2021	781.64	-0.40%	Nov 2021	791.51
MB-STE-0154	Steel hot-rolled coil domestic, ex-whs Eastern China, yuan/tonne	07 Dec 2021	4880 - 4930	0.93%	Nov 2021	4803.18 - 4847.73
MB-STE-0139	Steel hot-rolled coil import, cfr Vietnam, \$/tonne	03 Dec 2021	800 - 810	-2.42%	Nov 2021	830 - 842.5
MB-STE-0888	Steel hot-rolled coil (Japan, Korea, Taiwan-origin), import, cfr Vietnam, \$/tonne	03 Dec 2021	840 - 850	0.00%	Nov 2021	877.5 - 882.5
MB-STE-0125	Steel hot-rolled coil import, cfr Jebel Ali, UAE, \$/tonne	07 Dec 2021	835 - 840	-2.62%	Nov 2021	876 - 934
MB-STE-0113	Steel hot-rolled coil import, cfr Saudi Arabia, \$/tonne	07 Dec 2021	850 - 890	-1.69%	Nov 2021	906 - 944

Cold-rolled steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0005	Steel cold-rolled coil domestic monthly, exw Brazil, reais/tonne	12 Nov 2021	6730 - 6890	-17.08%	Nov 2021	6730 - 6890



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0012	Steel cold-rolled coil export, fob Black Sea, CIS, \$/tonne	06 Dec 2021	905 - 935	0.00%	Nov 2021	943 - 959
MB-STE-0026	Steel cold-rolled coil domestic, exw Northern Europe, €/tonne	01 Dec 2021	1050 - 1110	-4.00%	Nov 2021	1115 - 1142.5
MB-STE-0027	Steel cold-rolled coil domestic, exw Southern Europe, €/tonne	01 Dec 2021	1050 - 1080	-0.93%	Nov 2021	1067.5 - 1110
MB-STE-0044	Steel cold-rolled coil import, cfr main port Northern Europe, €/tonne	01 Dec 2021	980 - 1000	0.51%	Nov 2021	980 - 1010
MB-STE-0045	Steel cold-rolled coil import, cfr main port Southern Europe, €/tonne	01 Dec 2021	970 - 1000	0.25%	Nov 2021	975 - 1010
MB-STE-0064	Steel cold-rolled sheet domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	06 Dec 2021	83000 - 88000	-1.16%	Nov 2021	82800 - 85600
MB-STE-0103	Steel cold-rolled coil import, cfr main ports South America, \$/tonne	03 Dec 2021	955 - 1020	0.00%	Nov 2021	1000 - 1052.5
MB-STE-0106	Steel cold-rolled coil import, cfr main port Turkey, \$/tonne	03 Dec 2021	940 - 950	-1.82%	Nov 2021	984 - 997
MB-STE-0109	Steel cold-rolled coil domestic, exw Turkey, \$/tonne	03 Dec 2021	1030 - 1050	-1.42%	Nov 2021	1080 - 1102
MB-STE-0124	Steel cold-rolled coil import, cfr Jebel Ali, UAE, \$/tonne	07 Dec 2021	880 - 940	-0.55%	Nov 2021	930 - 998
MB-STE-0132	Steel cold-rolled coil export, fob main port Latin America, \$/tonne	03 Dec 2021	990 - 1000	0.00%	Nov 2021	995 - 1010
MB-STE-0145	Steel cold-rolled coil export, fob China main port, \$/tonne	07 Dec 2021	840 - 850	-0.59%	Nov 2021	864 - 887
MB-STE-0153	Steel cold-rolled coil domestic, delivered Eastern China domestic, yuan/tonne	03 Dec 2021	5450 - 5520	0.00%	Nov 2021	5592.5 - 5655
MB-STE-0181	Steel cold-rolled coil, import, ddp Houston, \$/short ton	24 Nov 2021	1560 - 1640	0.00%	Nov 2021	1560 - 1640
MB-STE-0185	Steel cold-rolled coil, fob mill US, \$/cwt	02 Dec 2021	104	0.00%	Nov 2021	106
MB-STE-0435	Steel cold-rolled coil domestic, ex-whse India, rupees/tonne	03 Dec 2021	74000 - 75000	-4.18%	Nov 2021	78875 - 80375
MB-STE-0443	Steel cold-rolled coil import, cfr main port India, \$/tonne	03 Dec 2021	880 - 900	0.00%	Nov 2021	950 - 961.25
MB-STE-0469	Steel cold-rolled coil, fob mill US, \$/short ton	02 Dec 2021	2080	0.00%	Nov 2021	

Galvanized steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0883	Steel hot-dipped galvanized coil (hot-rolled base), fob mill US, \$/cwt	02 Dec 2021	103	-1.44%	Nov 2021	106.5
MB-STE-0780	Steel hot-dipped galvanized export, fob Turkey, \$/tonne	03 Dec 2021	1200 - 1210	0.00%	Nov 2021	1252 - 1274
MB-STE-0434	Steel hot-dipped galvanized coil domestic, ex-whse India, rupees/tonne	03 Dec 2021	83000 - 85000	0.00%	Nov 2021	84125 - 85750
MB-STE-0470	Steel hot-dipped galvanized (base) steel coil, fob mill US, \$/short ton	02 Dec 2021	2060	-1.44%	Nov 2021	
MB-STE-0031	Steel hot-dipped galvanized coil domestic, exw Southern Europe, €/tonne	01 Dec 2021	1050 - 1080	-1.84%	Nov 2021	1082.5 - 1122.5
MB-STE-0104	Steel hot-dipped galvanized coil import, cfr main ports South America, \$/tonne	03 Dec 2021	1000 - 1050	-0.49%	Nov 2021	1040 - 1107.5
MB-STE-0091	Steel hot-dipped galvanized coil import, cfr main port Northern Europe, €/tonne	01 Dec 2021	1080 - 1100	0.00%	Nov 2021	1070 - 1100
MB-STE-0021	Steel hot-dipped galvanized coil domestic, ex-whs Eastern China, yuan/tonne	03 Dec 2021	5650 - 5700	0.00%	Nov 2021	5787.5 - 5870
MB-STE-0110	Steel hot-dipped galvanized coil domestic, exw Turkey, \$/tonne	03 Dec 2021	1200 - 1210	0.00%	Nov 2021	1240 - 1266
MB-STE-0048	Steel hot-dipped galvanized coil import, cfr main port Southern Europe, €/tonne	01 Dec 2021	1050 - 1080	0.00%	Nov 2021	1060 - 1090
MB-STE-0030	Steel hot-dipped galvanized coil domestic, exw Northern Europe, €/tonne	01 Dec 2021	1070 - 1120	-3.52%	Nov 2021	1130 - 1152.5
MB-STE-0123	Steel hot-dipped-galvanized coil import, cfr Jebel Ali, UAE, \$/tonne	07 Dec 2021	1080 - 1120	-0.23%	Nov 2021	1089 - 1157
MB-STE-0186	Steel hot-dipped galvanized coil (cold-rolled base), fob mill US, \$/cwt	02 Dec 2021	103	-1.44%	Nov 2021	106.5



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0006	Steel hot-dipped galvanized coil domestic monthly, exw Brazil, reais/tonne	12 Nov 2021	9060 - 9080	-8.15%	Nov 2021	9060 - 9080
MB-STE-0441	Steel hot-dipped galvanized coil export, fob main port India, \$/tonne	03 Dec 2021	1120 - 1140	-1.74%	Nov 2021	1146.25 - 1165
MB-STE-0182	Steel hot-dipped galvanized 0.012 inch G30, ddp Houston, \$/short ton	24 Nov 2021	1640 - 1730	0.00%	Nov 2021	1640 - 1730
MB-STE-0212	Steel hot-dipped galvanized coil 0.03-0.13 inch G90 (cold-rolled base), fob mill US, \$/cwt	02 Dec 2021	107.5	-1.38%	Nov 2021	111
MB-STE-0009	Steel galvanized coil 1mm export, fob main port China, \$/tonne	07 Dec 2021	895 - 920	-0.27%	Nov 2021	907 - 934
MB-STE-0111	Steel prepainted galvanized domestic, exw Turkey, \$/tonne	03 Dec 2021	1300 - 1310	0.00%	Nov 2021	1343 - 1374
MB-STE-0187	Steel coil Galvalume, fob mill US, \$/cwt	16 Nov 2021	101	-3.81%	Nov 2021	101
MB-STE-0850	Steel coil Galvalume import, cfr main ports South America, \$/tonne	03 Dec 2021	1150 - 1200	-0.63%	Nov 2021	1186.25 - 1236.25

Steel plate prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0013	Steel heavy plate 8-50mm export, fob Black Sea, CIS, \$/tonne	06 Dec 2021	910 - 975	0.00%	Nov 2021	910 - 975
MB-STE-0034	Steel domestic plate 8-40mm, exw Northern Europe, €/tonne	01 Dec 2021	970 - 1000	-1.01%	Nov 2021	977.5 - 1015
MB-STE-0035	Steel domestic plate 8-40mm, exw Southern Europe, €/tonne	01 Dec 2021	850 - 890	-2.79%	Nov 2021	887.5 - 910
MB-STE-0049	Steel plate (8-40mm) import, cfr main port Northern Europe, €/tonne	01 Dec 2021	870 - 880	0.00%	Nov 2021	857.5 - 870
MB-STE-0050	Steel plate (8-40mm) import, cfr main port Southern Europe, €/tonne	01 Dec 2021	870 - 880	0.00%	Nov 2021	857.5 - 870
MB-STE-0101	Steel plate import, cfr main ports South America, \$/tonne	03 Dec 2021	930 - 950	0.00%	Nov 2021	978.75 - 1011.25
MB-STE-0134	Steel heavy plate (thicker than 10mm) export, fob main port Latin America, \$/tonne	03 Dec 2021	865 - 875	0.00%	Nov 2021	927.5 - 937.5
MB-STE-0146	Steel heavy plate export, fob China main port, \$/tonne	07 Dec 2021	805 - 815	0.00%	Nov 2021	834 - 853
MB-STE-0155	Steel plate domestic, delivered whs Eastern China, yuan/tonne	03 Dec 2021	5120 - 5150	0.00%	Nov 2021	5162.5 - 5207.5
MB-STE-0172	Steel cut-to-length plate carbon grade, fob mill US, \$/cwt	03 Dec 2021	90.75	0.00%	Nov 2021	90.19
MB-STE-0179	Steel medium plate, import, ddp Houston, \$/short ton	24 Nov 2021	1560 - 1620	0.00%	Nov 2021	1560 - 1620
MB-STE-0437	Steel heavy plate domestic, ex-whse India, rupees/tonne	03 Dec 2021	70500 - 72000	0.00%	Nov 2021	70500 - 72000
MB-STE-0439	Steel heavy plate 12-40mm export, fob main port India, \$/tonne	03 Dec 2021	850 - 855	0.00%	Nov 2021	857.5 - 862.5
MB-STE-0446	Steel heavy plate 10-40mm import, cfr main port India, \$/tonne	03 Dec 2021	925 - 935	0.00%	Nov 2021	876.25 - 885
MB-STE-0467	Steel cut-to-length plate carbon grade, fob mill US, \$/short ton	03 Dec 2021	1815	0.00%	Nov 2021	
MB-STE-0514	Steel plate domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	06 Dec 2021	79000 - 81000	1.91%	Nov 2021	75200 - 77000

Reinforcing bar (rebar) prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0008	Steel reinforcing bar (rebar) domestic monthly, delivered Brazil, reais/tonne	12 Nov 2021	4700 - 4900	-5.47%	Nov 2021	4700 - 4900
MB-STE-0015	Steel reinforcing bar (rebar) export, fob Black Sea, CIS, \$/tonne	06 Dec 2021	725 - 740	-2.33%	Nov 2021	749 - 771
MB-STE-0036	Steel reinforcing bar (rebar) domestic, delivered Northern Europe, €/tonne	01 Dec 2021	820 - 840	0.00%	Nov 2021	815 - 842.5
MB-STE-0037	Steel reinforcing bar (rebar) domestic, delivered Southern Europe, €/tonne	01 Dec 2021	770 - 800	-0.63%	Nov 2021	765 - 790
MB-STE-0051	Steel reinforcing bar (rebar) import, cfr main EU port Northern Europe, €/tonne	01 Dec 2021	720 - 760	-1.99%	Nov 2021	755 - 772.5

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0052	Steel reinforcing bar (rebar) import, cfr main EU port Southern Europe, €/tonne	01 Dec 2021	680 - 700	-2.82%	Nov 2021	702.5 - 725
MB-STE-0066	Steel reinforcing bar (rebar) domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	06 Dec 2021	62000 - 65000	-6.96%	Nov 2021	71700 - 74700
MB-STE-0073	Steel reinforcing bar (rebar) export, fob main port Southern Europe, €/tonne	01 Dec 2021	720 - 740	0.00%	Nov 2021	690 - 730
MB-STE-0092	Steel reinforcing bar (rebar) domestic, exw Poland, zloty/tonne	03 Dec 2021	3600 - 3700	-1.35%	Nov 2021	3695 - 3742.5
MB-STE-0112	Steel reinforcing bar (rebar) domestic, exw Egypt, E£/tonne	02 Dec 2021	14900 - 15350	0.00%	Nov 2021	14900 - 15350
MB-STE-0119	Steel reinforcing bar (rebar) export, fob main port Turkey, \$/tonne	02 Dec 2021	710 - 725	-1.03%	Nov 2021	725 - 735
MB-STE-0126	Steel reinforcing bar (rebar) domestic, exw UAE, dirhams/tonne	07 Dec 2021	2430 - 2490	-0.10%	Nov 2021	2421 - 2490
MB-STE-0127	Steel reinforcing bar (rebar) import, cfr Jebel Ali, UAE, \$/tonne	07 Dec 2021	649 - 667	0.30%	Nov 2021	655 - 665.8
MB-STE-0142	Steel reinforcing bar (rebar) import, cfr Singapore, \$/tonne	06 Dec 2021	715 - 720	-0.35%	Nov 2021	740 - 743
MB-STE-0147	Steel reinforcing bar (rebar) index export, fob China main port, \$/tonne	07 Dec 2021	778.13	-0.32%	Nov 2021	806.13
MB-STE-0152	Steel reinforcing bar (rebar) domestic, ex-whs Eastern China, yuan/tonne	07 Dec 2021	4800 - 4830	0.63%	Nov 2021	4792.73 - 4828.64
MB-STE-0162	Steel reinforcing bar (rebar) domestic, ex-whs Northern China, yuan/tonne	03 Dec 2021	4680 - 4730	0.64%	Nov 2021	4597.5 - 4650
MB-STE-0170	Steel reinforcing bar (rebar), fob mill US, \$/cwt	01 Dec 2021	51.5	1.98%	Nov 2021	50.38
MB-STE-0171	Steel reinforcing bar (rebar), import, loaded truck Port of Houston for immediate delivery, \$/short ton	01 Dec 2021	980 - 1000	0.00%	Nov 2021	980 - 1000
MB-STE-0438	Steel rebar domestic, exw India, rupees/tonne	03 Dec 2021	44200 - 44400	-1.77%	Nov 2021	46900 - 47100
MB-STE-0465	Steel reinforcing bar (rebar), fob mill US, \$/short ton	01 Dec 2021	1030	1.98%	Nov 2021	
MB-STE-0784	Steel reinforcing bar (rebar) domestic, exw Turkey, lira/tonne	02 Dec 2021	11200 - 11500	3.18%	Nov 2021	9225 - 9412.5

Wire rod prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0017	Steel wire rod (mesh quality) export, fob Black Sea, CIS, \$/tonne	06 Dec 2021	730 - 800	-0.65%	Nov 2021	786 - 851
MB-STE-0042	Steel wire rod (mesh quality) domestic, delivered Northern Europe, €/tonne	01 Dec 2021	810 - 840	-0.60%	Nov 2021	807.5 - 847.5
MB-STE-0043	Steel wire rod (mesh quality) domestic, delivered Southern Europe, €/tonne	01 Dec 2021	780 - 800	-0.63%	Nov 2021	770 - 810
MB-STE-0053	Steel wire rod (mesh quality) import, main port Northern Europe, €/tonne	01 Dec 2021	770 - 780	-1.90%	Nov 2021	780 - 807.5
MB-STE-0054	Steel wire rod (mesh quality) import, main port Southern Europe, €/tonne	01 Dec 2021	750 - 770	-1.30%	Nov 2021	757.5 - 785
MB-STE-0074	Steel wire rod export, fob main port Southern Europe, €/tonne	01 Dec 2021	770 - 790	0.00%	Nov 2021	760 - 787.5
MB-STE-0120	Steel wire rod (mesh quality) export, fob main port Turkey, \$/tonne	02 Dec 2021	790 - 800	-2.45%	Nov 2021	815 - 825
MB-STE-0130	Steel wire rod (mesh quality) export, fob main port Latin America, \$/tonne	03 Dec 2021	800 - 820	0.00%	Nov 2021	800 - 820
MB-STE-0143	Steel wire rod (low carbon) import, cfr Southeast Asia, \$/tonne	06 Dec 2021	710	0.00%	Nov 2021	728 - 729
MB-STE-0148	Steel wire rod (mesh quality) export, fob China main port, \$/tonne	07 Dec 2021	740 - 760	2.04%	Nov 2021	776 - 788
MB-STE-0164	Steel wire rod (mesh quality) domestic, ex-whs Eastern China, yuan/tonne	03 Dec 2021	4810 - 4880	-0.21%	Nov 2021	4920 - 4957.5
MB-STE-0192	Steel wire rod (low carbon) industrial quality, fob mill US, \$/cwt	16 Nov 2021	63 - 67	6.56%	Nov 2021	63 - 67



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0193	Steel wire rod (high carbon), fob mill US, \$/cwt	16 Nov 2021	70	4.87%	Nov 2021	70
MB-STE-0194	Steel wire rod cold-heading quality, ddp, \$/cwt	16 Nov 2021	70.5	5.22%	Nov 2021	70.5
MB-STE-0195	Steel wire rod (low carbon) import, loaded truck Port of Houston for immediate delivery, \$/short ton	16 Nov 2021	1200 - 1280	2.90%	Nov 2021	1200 - 1280
MB-STE-0785	Steel wire rod (mesh quality) domestic, exw Turkey, lira/tonne	02 Dec 2021	11700 - 12000	0.00%	Nov 2021	10275 - 10450
MB-STE-0891	Steel wire rod (drawing quality), domestic, delivered Poland, zloty/tonne	03 Dec 2021	3900 - 3950	-0.63%	Nov 2021	3862.5 - 3962.5

Steel beams, sections & bar prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FE-0001	Steel merchant bar export, fob main port Turkey, \$/tonne	02 Dec 2021	790	0.00%	Nov 2021	795
MB-STE-0020	Steel hollow sections ASTM A500 Grade B domestic, fob mill US, \$/short ton	02 Dec 2021	2300 - 2350	-0.53%	Nov 2021	2393.75 - 2431.25
MB-STE-0024	Steel beams domestic, delivered Northern Europe, €/tonne	01 Dec 2021	1020 - 1040	0.00%	Nov 2021	1017.5 - 1037.5
MB-STE-0025	Steel beams domestic, delivered Southern Europe, €/tonne	01 Dec 2021	1020 - 1030	0.00%	Nov 2021	1017.5 - 1030
MB-STE-0038	Steel sections (medium) domestic, delivered Northern Europe, €/tonne	01 Dec 2021	1080 - 1150	-3.04%	Nov 2021	1140 - 1210
MB-STE-0039	Steel sections (medium) domestic, delivered Southern Europe, €/tonne	01 Dec 2021	1080 - 1150	-3.04%	Nov 2021	1140 - 1210
MB-STE-0161	Steel sections domestic, ex-whs Eastern China, yuan/tonne	03 Dec 2021	4650 - 4680	0.00%	Nov 2021	4982.5 - 5020
MB-STE-0199	Steel bar 2 x 2 x 1/4-inch angle merchant products, fob mill US, \$/cwt	29 Nov 2021	60.8	4.29%	Nov 2021	60.8
MB-STE-0200	Steel bar 3 x 3 x 1/4-inch angle merchant products, fob mill US, \$/cwt	29 Nov 2021	61.25	4.26%	Nov 2021	61.25
MB-STE-0201	Steel bar 8 x 11.5-inch channels merchant products, fob mill US, \$/cwt	29 Nov 2021	60.5	4.31%	Nov 2021	60.5
MB-STE-0202	Steel bar 1/2 x 4-inch flat merchant products, fob mill US, \$/cwt	29 Nov 2021	61	4.27%	Nov 2021	61
MB-STE-0203	Steel merchant bar, loaded truck Port of Houston for immediate delivery, \$/short ton	29 Nov 2021	1180 - 1220	6.67%	Nov 2021	1180 - 1220
MB-STE-0204	Steel bar cold-finished 1-inch round 4140 (alloy), fob mill US, \$/cwt	19 Nov 2021	111.5	0.91%	Nov 2021	111.5
MB-STE-0205	Steel bar cold-finished 1-inch round 1018 (carbon), fob mill US, \$/cwt	19 Nov 2021	90.5	1.97%	Nov 2021	90.5
MB-STE-0206	Steel bar cold-finished 1-inch round 12L14 (carbon), fob mill US, \$/cwt	19 Nov 2021	106.5	0.71%	Nov 2021	106.5
MB-STE-0207	Steel bar hot-rolled special bar quality (SBQ) 1-inch round 4100 series (alloy), fob mill US, \$/cwt	19 Nov 2021	82	1.55%	Nov 2021	82
MB-STE-0208	Steel bar hot-rolled special bar quality (SBQ) 1-inch round 1000 series (carbon), fob mill US, \$/cwt	19 Nov 2021	70.5	1.44%	Nov 2021	70.5
MB-STE-0209	Steel beams 8 x 8-inch, fob mill US, \$/cwt	29 Nov 2021	70.5	3.68%	Nov 2021	70.5
MB-STE-0210	Steel beams medium sections, loaded truck Port of Houston for immediate delivery, \$/short ton	29 Nov 2021	1390 - 1430	5.62%	Nov 2021	1390 - 1430
MB-STE-0851	Steel hollow sections ASTM 500 Grade B import, ddp US port of entry, \$/short ton	30 Nov 2021	1850 - 1900	0.00%	Nov 2021	1850 - 1900

Steel billet prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0782	Steel billet export, fob ports Iran, \$/tonne	01 Dec 2021	565	-3.83%	Nov 2021	591.25 - 608.75
MB-STE-0558	Steel billet index export, fob Black Sea, CIS, \$/tonne	07 Dec 2021	605	0.00%	Nov 2021	627.77
MB-STE-0516	Steel billet import, cfr main port Egypt, \$/tonne	02 Dec 2021	660 - 680	0.75%	Nov 2021	658.75 - 682.5
MB-STE-0433	Steel billet domestic, exw India, rupees/tonne	03 Dec 2021	40100 - 40300	-2.43%	Nov 2021	42850 - 43050

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0440	Steel billet export, fob main port India, \$/tonne	03 Dec 2021	590 - 595	0.00%	Nov 2021	608.75 - 613.75
MB-STE-0141	Steel billet import, cfr Manila, \$/tonne	07 Dec 2021	640 - 650	0.00%	Nov 2021	646.9 - 657.86
MB-STE-0157	Steel billet domestic, exw Tangshan, Northern China, yuan/tonne	07 Dec 2021	4340	0.00%	Nov 2021	4465
MB-STE-0890	Steel billet, import, cfr China, \$/tonne	07 Dec 2021	605 - 610	0.41%	Nov 2021	603.89 - 620.56
MB-STE-0116	Steel billet import, cfr main port Turkey, \$/tonne	02 Dec 2021	635 - 640	-1.16%	Nov 2021	647.5 - 667.5
MB-STE-0117	Steel billet export, fob main port Turkey, \$/tonne	02 Dec 2021	690 - 695	0.00%	Nov 2021	687.5 - 700
MB-STE-0115	Steel billet domestic, exw Turkey, \$/tonne	02 Dec 2021	690 - 695	0.29%	Nov 2021	692 - 697
MB-STE-0128	Steel billet export, fob main port Latin America, \$/tonne	03 Dec 2021	610 - 650	-3.45%	Nov 2021	650 - 655
MB-STE-0122	Steel billet import, cfr Jebel Ali, UAE, \$/tonne	07 Dec 2021	620 - 640	-4.91%	Nov 2021	640 - 668

Steel slab prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0781	Steel slab export, fob ports Iran, \$/tonne	01 Dec 2021	585	0.00%	Nov 2021	620 - 631.25
MB-STE-0566	Steel slab export, fob main port Brazil, \$/tonne	03 Dec 2021	685 - 700	-3.15%	Nov 2021	722.5 - 747.5
MB-STE-0140	Steel slab import, cfr Southeast Asia/East Asia, \$/tonne	06 Dec 2021	670 - 685	0.00%	Nov 2021	700 - 714
MB-STE-0016	Steel slab export, fob Black Sea, CIS, \$/tonne	06 Dec 2021	610 - 625	-1.59%	Nov 2021	693 - 721

Steel tube & pipe prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0022	Steel ERW standard pipe A53 Grade A, fob mill US, \$/short ton	30 Nov 2021	2200 - 2250	-4.30%	Nov 2021	2200 - 2250
MB-STE-0023	Steel ERW standard pipe A53 Grade B, fob mill US, \$/short ton	30 Nov 2021	2300 - 2350	-4.12%	Nov 2021	2300 - 2350
MB-STE-0056	Steel ERW standard pipe A53 Grade A import, cif Houston, \$/short ton	30 Nov 2021	1900 - 1950	-2.53%	Nov 2021	1900 - 1950
MB-STE-0057	Steel ERW standard pipe A53 Grade B import, cif Houston, \$/short ton	30 Nov 2021	1950 - 2000	-2.47%	Nov 2021	1950 - 2000
MB-STE-0059	Steel seamless line pipe - API 5LB import, cif Houston, \$/short ton	09 Nov 2021	2525 - 2705	47.32%	Nov 2021	2525 - 2705
MB-STE-0062	Steel seamless OCTG API 5CT - Casing P110, import, cif Houston, \$/short ton	09 Nov 2021	1825 - 1925	0.00%	Nov 2021	1825 - 1925
MB-STE-0063	Steel OCTG API 5CT - Casing J55, fob mill US, \$/short ton	09 Nov 2021	2250 - 2350	0.00%	Nov 2021	2250 - 2350
MB-STE-0071	Steel seamless OCTG API 5CT - Casing P110, fob mill US, \$/short ton	09 Nov 2021	2250 - 2350	4.55%	Nov 2021	2250 - 2350
MB-STE-0090	Steel welded mechanical tubing ASTM A513, fob mill US, \$/short ton	30 Nov 2021	2375 - 2425	-4.00%	Nov 2021	2375 - 2425
MB-STE-0166	Steel structural pipe export S235JR grade EN10219 2mm wall thickness, fob main port Turkey, \$/tonne	10 Nov 2021	980 - 990	5.35%	Nov 2021	980 - 990
MB-STE-0545	Steel ERW line pipe (X52), fob mill US, \$/short ton	09 Nov 2021	2475 - 2525	0.00%	Nov 2021	2475 - 2525
MB-STE-0561	Steel ERW line pipe (X65), fob mill US, \$/short ton	09 Nov 2021	2600 - 2650	0.00%	Nov 2021	2600 - 2650
MB-STE-0564	Steel welded OCTG API 5CT - Casing P110, fob mill US, \$/short ton	09 Nov 2021	2125 - 2175	0.00%	Nov 2021	2125 - 2175
MB-STE-0565	Steel welded OCTG API 5CT - Casing P110, import, cif Houston, \$/short ton	09 Nov 2021	1850 - 1900	0.00%	Nov 2021	1850 - 1900
MB-STE-0869	Steel OCTG API 5CT - Casing J55 import South Korean-made, cif Houston, \$/short ton	09 Nov 2021	1725 - 1750	2.21%	Nov 2021	1725 - 1750
MB-STE-0870	Steel OCTG API 5CT - Casing J55 import non-South Korean-made, cif Houston, \$/short ton	09 Nov 2021	1750 - 1800	0.00%	Nov 2021	1750 - 1800
MB-STE-0871	Steel ERW line pipe (X52) import South Korean-made, cif Houston, \$/short ton	09 Nov 2021	1700 - 1800	0.00%	Nov 2021	1700 - 1800

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0872	Steel ERW line pipe (X52) import non-South Korean-made, cif Houston, \$/short ton	09 Nov 2021	2135 - 2235	1.63%	Nov 2021	2135 - 2235
MB-STE-0873	Steel ERW line pipe (X70), fob mill US, \$/short ton	09 Nov 2021	2650 - 2700	0.00%	Nov 2021	2650 - 2700

Stainless & special steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0281	Stainless steel cold-rolled sheet 2mm grade 304 transaction domestic, delivered North Europe, €/tonne	03 Dec 2021	4200 - 4300	0.00%	Nov 2021	4200 - 4300
MB-ST5-0035	Stainless steel 304 cold-rolled sheet, fob mill US, \$/cwt	10 Nov 2021	192	2.13%	Nov 2021	192
MB-ST5-0034	Stainless steel 304L cold-rolled sheet, fob mill US, \$/cwt	10 Nov 2021	196	3.16%	Nov 2021	196
MB-ST5-0037	Stainless steel 316L cold-rolled sheet, fob mill US, \$/cwt	10 Nov 2021	268	4.08%	Nov 2021	268
MB-ST5-0005	Stainless steel bright bar grade 304 base price domestic, delivered Europe, €/tonne	03 Dec 2021	1050 - 1100	0.00%	Nov 2021	1050 - 1100
MB-ST5-0004	Stainless steel bright bar grade 304 alloy surcharge domestic, Europe, €/tonne	03 Dec 2021	2993 - 3330	7.57%	Nov 2021	2778 - 3100
MB-ST5-0282	Stainless steel cold-rolled coil 2mm grade 304 export, fob China, \$/tonne	01 Dec 2021	2930 - 3140	-2.57%	Nov 2021	3177.5 - 3337.5
MB-ST5-0018	Stainless steel cold-rolled coil, Asia grade 304 (2mm 2B), cif East Asian port, \$/tonne	01 Dec 2021	2970 - 2990	-4.94%	Nov 2021	3195 - 3265
MB-ST5-0015	Stainless steel cold-rolled coil 2mm grade 304 domestic, ex-whs China, yuan/tonne	01 Dec 2021	17400 - 17600	-4.89%	Nov 2021	19050 - 19300
MB-ST5-0016	Stainless steel cold-rolled coil 2mm grade 430 domestic, ex-whs China, yuan/tonne	01 Dec 2021	9900 - 9950	-1.98%	Nov 2021	10550 - 10600
MB-ST5-0283	Stainless steel hot-rolled coil grade 304 export, fob China, \$/tonne	01 Dec 2021	2880 - 2900	-4.93%	Nov 2021	3165 - 3195
MB-ST5-0280	Stainless steel hot-rolled coil Asia grade 304, cif port East Asia, \$/tonne	01 Dec 2021	2870 - 2930	-2.68%	Nov 2021	2997.5 - 3015
MB-ST5-0001	Stainless steel cold-rolled sheet 316 2mm alloy surcharge domestic, Europe, €/tonne	03 Dec 2021	3546 - 3589	5.07%	Nov 2021	3382 - 3409
MB-ST5-0002	Stainless steel cold-rolled sheet base price 316 2mm domestic, delivered Europe, €/tonne	03 Dec 2021	2180 - 2280	2.53%	Nov 2021	2150 - 2200
MB-ST5-0006	Stainless steel cold-rolled sheet 2mm grade 304 alloy surcharge domestic, Europe, €/tonne	03 Dec 2021	2308 - 2363	5.54%	Nov 2021	2187 - 2239
MB-ST5-0007	Stainless steel cold-rolled sheet 2mm grade 304 base price domestic, delivered Northern Europe, €/tonne	03 Dec 2021	1900 - 2000	4.00%	Nov 2021	1850 - 1900

Ores and alloys prices

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

Chrome ore and ferro-chrome prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CHO-0002	Chrome ore Turkish lumpy 40-42%, cfr main Chinese ports, \$/tonne	07 Dec 2021	280 - 305	0.86%	Nov 2021	280 - 300
MB-CHO-0003	Chrome ore South Africa UG2/MG concentrates index, cif China, \$/tonne	07 Dec 2021	170	4.94%	Nov 2021	157.6
MB-FEC-0001	Ferro-chrome low phosphorous, min 65% Cr, max 0.015% P, delivered Europe, \$/lb	07 Dec 2021	1.77 - 1.98	-0.53%	Nov 2021	1.79 - 1.97
MB-FEC-0002	Ferro-chrome low carbon, 65% Cr, max 0.06% C, delivered Europe, \$/lb Cr	07 Dec 2021	3.64 - 4.29	-4.80%	Nov 2021	3.94 - 4.23
MB-FEC-0003	Ferro-chrome 0.10% C, average 65-70% Cr, delivered Europe, \$/lb Cr	07 Dec 2021	3.6 - 4.25	-4.84%	Nov 2021	3.9 - 4.17
MB-FEC-0004	Ferro-chrome high carbon 6-8.5% C, basis 60-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	07 Dec 2021	1.72 - 1.9	-1.09%	Nov 2021	1.73 - 1.87
MB-FEC-0005	Ferro-chrome contract 6-8% C, basis 50% Cr, ddp China, yuan/tonne	07 Dec 2021	9400 - 9600	-8.61%	Nov 2021	10193 - 10495
MB-FEC-0006	Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	07 Dec 2021	9200 - 9400	-3.13%	Nov 2021	9860 - 10300
MB-FEC-0007	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, US cents/lb	02 Dec 2021	200 - 220	0.00%	Nov 2021	198.75 - 216.25
MB-FEC-0008	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, US cents/lb	02 Dec 2021	380 - 385	0.00%	Nov 2021	380 - 385
MB-FEC-0009	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, US cents/lb	02 Dec 2021	365 - 375	0.00%	Nov 2021	365 - 372.5
MB-FEC-0010	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, US cents/lb	02 Dec 2021	355 - 360	0.00%	Nov 2021	355 - 360
MB-FEC-0011	Ferro-chrome 50% Cr import, cif main Chinese ports, \$/lb contained Cr	07 Dec 2021	1.18	-4.07%	Nov 2021	1.29
MB-FEC-0012	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, \$/lb	02 Dec 2021	2 - 2.2	0.00%	Nov 2021	
MB-FEC-0013	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, \$/lb	02 Dec 2021	3.8 - 3.85	0.00%	Nov 2021	
MB-FEC-0014	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, \$/lb	02 Dec 2021	3.65 - 3.75	0.00%	Nov 2021	
MB-FEC-0015	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, \$/lb	02 Dec 2021	3.55 - 3.6	0.00%	Nov 2021	
MB-FEC-0016	Ferro-chrome lumpy Cr charge quarterly, basis 52% Cr (and high carbon), delivered Europe, \$/lb Cr (rounded to the closest 2 decimal places)	01 Oct 2021	1.8	15.38%	Nov 2021	1.8
MB-FEC-0017	Ferro-chrome high carbon 57-65% Cr, cif dup Japan, \$/lb	02 Dec 2021	1.25 - 1.28	-3.05%	Nov 2021	1.31 - 1.35
MB-FEC-0018	Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, \$/lb	02 Dec 2021	1.23 - 1.25	-4.62%	Nov 2021	1.29 - 1.33
MB-FEC-0019	Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, \$/lb	07 Dec 2021	1.93	0.00%	Nov 2021	1.92
MB-FEC-0020	Ferro-chrome high carbon 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, \$/lb Cr	07 Dec 2021	1.44 - 1.5	-2.65%	Nov 2021	1.48 - 1.54
MB-FEC-0021	Ferro-chrome high carbon 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	07 Dec 2021	1.72 - 1.9	-1.09%	Nov 2021	1.73 - 1.87

Manganese ore and alloy prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEM-0001	Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, \$/long ton	02 Dec 2021	2600 - 2650	0.00%	Nov 2021	2600 - 2650
MB-FEM-0002	Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	02 Dec 2021	315 - 320	0.00%	Nov 2021	315 - 320
MB-FEM-0003	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, US cents/lb	02 Dec 2021	225 - 230	0.00%	Nov 2021	225 - 230
MB-FEM-0004	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, \$/lb	02 Dec 2021	2.25 - 2.3	0.00%	Nov 2021	
MB-FEM-0006	Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	03 Dec 2021	1750 - 1850	-2.70%	Nov 2021	1825 - 1975
MB-FEM-0007	Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	03 Dec 2021	7000 - 7100	-4.08%	Nov 2021	8475 - 8675
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, \$/dmtu	03 Dec 2021	5.61	1.08%	Nov 2021	5.66
MB-MNO-0002	Manganese ore 37% Mn, fob Port Elizabeth, \$/dmtu	03 Dec 2021	3.24	-6.36%	Nov 2021	3.47
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, \$/dmtu	03 Dec 2021	4.59	-2.55%	Nov 2021	4.79
MB-MNO-0004	Manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin China, yuan/dmtu	03 Dec 2021	33.8	0.00%	Nov 2021	34.53
MB-MNO-0005	Manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin China, yuan/dmtu	03 Dec 2021	42.7	-0.23%	Nov 2021	43.65
MB-SIM-0001	Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	03 Dec 2021	7800 - 8000	-3.07%	Nov 2021	8550 - 8950
MB-SIM-0002	Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	03 Dec 2021	1700 - 1800	-4.11%	Nov 2021	1812.5 - 1975
MB-SIM-0003	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, US cents/lb	02 Dec 2021	120 - 125	0.00%	Nov 2021	120 - 125
MB-SIM-0005	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, \$/lb	02 Dec 2021	1.2 - 1.25	0.00%	Nov 2021	
MB-SIM-0004	Silico-manganese 65% Mn min, min 16% Si, fob India, \$/tonne	03 Dec 2021	1500 - 1550	0.00%	Nov 2021	1631.25 - 1725

Ferro-silicon prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FES-0001	Ferro-silicon 75% Si min, in-whs China, yuan/tonne	01 Dec 2021	9500 - 10000	0.00%	Nov 2021	11000 - 11875
MB-FES-0002	Ferro-silicon 75% Si, in-whs Pittsburgh, US cents/lb	02 Dec 2021	330 - 340	0.00%	Nov 2021	332.5 - 341.25
MB-FES-0003	Ferro-silicon 75% Si, in-whs Pittsburgh, \$/lb	02 Dec 2021	3.3 - 3.4	0.00%	Nov 2021	
MB-FES-0004	Ferro-silicon 75% Si min export, fob China, \$/tonne	01 Dec 2021	2100 - 2200	-2.27%	Nov 2021	2575 - 2775
MB-FES-0005	Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	03 Dec 2021	3500 - 3800	-7.59%	Nov 2021	4000 - 4300
MB-FES-0006	Ferro-silicon 75% Si min, cif Japan, \$/tonne	01 Dec 2021	2130 - 2230	-2.24%	Nov 2021	2605 - 2805

Tungsten prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEU-0001	Ferro-tungsten basis 75% W, in-whs dup Rotterdam, \$/kg W	03 Dec 2021	37 - 38.5	-0.66%	Nov 2021	36.75 - 38.26
MB-FEU-0003	Ferro-tungsten export, min 75% fob China, \$/kg W	01 Dec 2021	38 - 40	0.00%	Nov 2021	38.13 - 40
MB-W-0001	Tungsten APT 88.5% WO3 min cif Rotterdam and Baltimore duty-free, \$/mtu WO3	03 Dec 2021	320 - 325	0.00%	Nov 2021	320 - 325
MB-W-0002	Tungsten concentrate 65% WO3, in-whs China, yuan/tonne	01 Dec 2021	105500 - 106000	0.00%	Nov 2021	109375 - 110750



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-W-0003	Tungsten APT 88.5% WO3 min, fob main ports China, \$/mtu WO3	01 Dec 2021	313 - 319	0.00%	Nov 2021	313.5 - 319

Vanadium & niobium prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEV-0003	Ferro-vanadium 78% V min, fob China, \$/kg V	02 Dec 2021	36.71 - 37.32	-2.32%	Nov 2021	33.98 - 35.05
MB-FEV-0001	Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, \$/kg V	03 Dec 2021	32 - 33	-0.31%	Nov 2021	31.96 - 33.06
MB-FEV-0002	Ferro-vanadium 70-80% V, in-whs Pittsburgh, \$/lb	02 Dec 2021	14.9 - 15.25	0.00%	Nov 2021	14.78 - 15.13
MB-V-0001	Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5	03 Dec 2021	8.5 - 9	6.06%	Nov 2021	7.75 - 8.5
MB-V-0002	Vanadium pentoxide 98% V2O5 min, fob China, \$/lb V2O5	02 Dec 2021	8.55 - 8.69	-4.01%	Nov 2021	8 - 8.12
MB-V-0004	Vanadium pentoxide 98% V2O5 min, exw China, yuan/tonne	02 Dec 2021	120000 - 122000	-4.35%	Nov 2021	112750 - 114500
MB-V-0003	Vanadium nitrogen, basis 77%V, 16% N, exw China, yuan/tonne	02 Dec 2021	180000 - 183000	-2.68%	Nov 2021	167250 - 172500
MB-FN-0001	Ferro-niobium 63-67% delivered consumer works, dp, Europe \$ per kg Nb	01 Dec 2021	44.5 - 46	0.56%	Nov 2021	44 - 46

Ferro-nickel & ferro-titanium prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEN-0003	Ferro-nickel premium/discount, 26-32% Ni contained, cif China, \$/tonne	29 Nov 2021	(300) - 100		Nov 2021	(300) - 100
MB-FET-0001	Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, \$/kg Ti	01 Dec 2021	7.7 - 8.2	0.00%	Nov 2021	7.7 - 8.2
MB-FET-0002	Ferro-titanium 68-72% Ti, ex-whs US, \$/lb	02 Dec 2021	3.6 - 3.85	0.00%	Nov 2021	3.6 - 3.83

Molybdenum prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEO-0001	Ferro-molybdenum 65% Mo min, in-whs Rotterdam, \$/kg Mo	03 Dec 2021	43 - 44.5	0.00%	Nov 2021	43.88 - 45.07
MB-FEO-0002	Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, \$/lb	02 Dec 2021	20.5 - 21.5	-3.45%	Nov 2021	21.63 - 22.6
MB-FEO-0003	Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, \$/lb Mo	03 Dec 2021	18.95 - 19.2	0.26%	Nov 2021	19.06 - 19.31
MB-FEO-0004	Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, \$/lb	03 Dec 2021	18.2 - 18.6	-0.54%	Nov 2021	18.51 - 18.71
MB-MO-0001	Molybdenum canned molybdic oxide, in-whs Pittsburgh, \$/lb	02 Dec 2021	18.75 - 19.5	0.00%	Nov 2021	18.88 - 19.75

Non-ferrous scrap prices

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

US aluminium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0364	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	60	0.00%	Nov 2021	57.5
MB-AL-0370	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	48	6.67%	Nov 2021	45
MB-AL-0371	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	60	1.69%	Nov 2021	59
MB-AL-0367	Aluminum scrap litho sheets, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	87	8.75%	Nov 2021	80
MB-AL-0372	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	60	-6.25%	Nov 2021	64
MB-AL-0037	Aluminum scrap segregated low copper alloy clips 3105, mills specialty consumers' buying price, delivered consumer US, US cents/lb	02 Dec 2021	87 - 89	0.00%	Nov 2021	88 - 90
MB-AL-0369	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	63	-1.56%	Nov 2021	64
MB-AL-0366	Aluminum scrap industrial castings, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	48	-2.04%	Nov 2021	49
MB-AL-0365	Aluminum scrap aluminum borings, turnings, clean & dry, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	27	8.00%	Nov 2021	25
MB-AL-0031	Aluminum scrap turnings clean dry high grade buying price, delivered to Midwest secondary smelters, US cents/lb	02 Dec 2021	68 - 72	2.94%	Nov 2021	66 - 70
MB-AL-0032	Aluminum scrap turnings clean dry mixed grade (max 5% Zn) buying price, delivered to Midwest secondary smelters, US cents/lb	02 Dec 2021	58 - 62	0.00%	Nov 2021	58 - 62
MB-AL-0033	Aluminum scrap aluminium-copper radiators buying price, delivered to Midwest secondary smelters, US cents/lb	02 Dec 2021	195 - 205	0.00%	Nov 2021	195 - 205
MB-AL-0030	Aluminum scrap old cast buying price, delivered to Midwest secondary smelters, US cents/lb	02 Dec 2021	68 - 72	0.00%	Nov 2021	68 - 72
MB-AL-0029	Aluminum scrap old sheet buying price, delivered to Midwest secondary smelters, US cents/lb	02 Dec 2021	69 - 72	0.00%	Nov 2021	69 - 72
MB-AL-0027	Aluminum scrap siding buying price, delivered Midwest secondary smelters, US cents/lb	02 Dec 2021	71 - 74	0.00%	Nov 2021	71 - 74
MB-AL-0368	Aluminum scrap mixed clips, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	60	-6.25%	Nov 2021	64
MB-AL-0028	Aluminum scrap mixed clips buying price, delivered to Midwest secondary smelters, US cents/lb	02 Dec 2021	63 - 66	0.00%	Nov 2021	64 - 67
MB-AL-0024	Aluminum scrap mixed high copper clips, buying price, delivered Midwest secondary smelters, US cents/lb	02 Dec 2021	69 - 73	-2.74%	Nov 2021	71 - 75
MB-AL-0038	Aluminum scrap mixed low copper clips, specialty consumers' buying price, delivered consumer US, US cents/lb	02 Dec 2021	85 - 90	-1.13%	Nov 2021	86.5 - 90.5
MB-AL-0023	Aluminum scrap mixed low copper clips, buying price, delivered Midwest secondary smelters, US cents/lb	02 Dec 2021	72 - 76	-5.13%	Nov 2021	76 - 80
MB-AL-0025	Aluminum scrap mixed high zinc clips buying price, delivered Midwest secondary smelters, US cents/lb	02 Dec 2021	64 - 68	-1.49%	Nov 2021	65 - 69
MB-AL-0026	Aluminum scrap 1-1-3 sows buying price, delivered Midwest secondary smelters, US cents/lb	02 Dec 2021	73 - 75	0.00%	Nov 2021	73 - 75

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0036	Aluminum scrap segregated low copper alloy clips 5052, mills specialty consumers' buying price, fob shipping point US, US cents/lb	02 Dec 2021	125 - 130	-0.39%	Nov 2021	127.5 - 131.5
MB-AL-0039	Aluminum scrap painted siding, specialty consumers' buying price, delivered consumer US, US cents/lb	02 Dec 2021	82 - 87	-1.17%	Nov 2021	83 - 88
MB-AL-0373	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	50	0.00%	Nov 2021	47.5
MB-AL-0035	Aluminum scrap used beverage cans, domestic aluminum producer buying price, fob shipping point US, US cents/lb	02 Dec 2021	82 - 84	-1.19%	Nov 2021	83 - 85
MB-AL-0034	Aluminum scrap non-ferrous auto shred (90% Al) buying price, delivered to Midwest secondary smelters, US cents/lb	02 Dec 2021	75 - 78	0.00%	Nov 2021	77.5 - 81.5
MB-AL-0375	Zorba 95/3 min, basis delivered US facility, US cents/lb	02 Dec 2021	64 - 66	0.00%	Nov 2021	65 - 67
MB-AL-0161	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	160	-3.03%	Nov 2021	166.5
MB-AL-0117	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	43	0.00%	Nov 2021	43
MB-AL-0101	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	20	0.00%	Nov 2021	20
MB-AL-0118	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	73	8.96%	Nov 2021	69.5
MB-AL-0102	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	50	0.00%	Nov 2021	51.5
MB-AL-0160	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	75	0.00%	Nov 2021	75
MB-AL-0085	Aluminum scrap mixed clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	50	0.00%	Nov 2021	50
MB-AL-0054	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	113	-2.59%	Nov 2021	116.5
MB-AL-0149	Aluminum scrap industrial castings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	45	0.00%	Nov 2021	45
MB-AL-0150	Aluminum scrap industrial castings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	67	0.00%	Nov 2021	68.5
MB-AL-0133	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	15	0.00%	Nov 2021	15
MB-AL-0134	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	92	4.55%	Nov 2021	89.5
MB-AL-0203	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	47	0.00%	Nov 2021	47
MB-AL-0204	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	89	2.30%	Nov 2021	87
MB-AL-0070	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	93	0.00%	Nov 2021	93
MB-AL-0069	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	45	0.00%	Nov 2021	45
MB-AL-0053	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	60	0.00%	Nov 2021	60

Canadian aluminium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0161	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	160	-3.03%	Nov 2021	166.5
MB-AL-0117	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	43	0.00%	Nov 2021	43
MB-AL-0101	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	20	0.00%	Nov 2021	20
MB-AL-0118	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	73	8.96%	Nov 2021	69.5
MB-AL-0102	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	50	0.00%	Nov 2021	51.5
MB-AL-0160	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	75	0.00%	Nov 2021	75
MB-AL-0085	Aluminum scrap mixed clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	50	0.00%	Nov 2021	50
MB-AL-0054	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	113	-2.59%	Nov 2021	116.5
MB-AL-0149	Aluminum scrap industrial castings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	45	0.00%	Nov 2021	45
MB-AL-0150	Aluminum scrap industrial castings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	67	0.00%	Nov 2021	68.5
MB-AL-0133	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	15	0.00%	Nov 2021	15
MB-AL-0134	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	92	4.55%	Nov 2021	89.5
MB-AL-0203	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	47	0.00%	Nov 2021	47
MB-AL-0204	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	89	2.30%	Nov 2021	87
MB-AL-0070	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	93	0.00%	Nov 2021	93
MB-AL-0069	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	45	0.00%	Nov 2021	45
MB-AL-0053	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	60	0.00%	Nov 2021	60

European aluminium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0286	Aluminium scrap group 7 turnings, LME discount, delivered consumer works, UK, £/tonne	01 Dec 2021	1132 - 1172	5.40%	Nov 2021	1077 - 1124.5
MB-AL-0015	Aluminium scrap group 7 turnings, delivered consumer UK, £/tonne	01 Dec 2021	720 - 760	0.00%	Nov 2021	727.5 - 775
MB-AL-0012	Aluminium scrap commercial turnings, delivered consumer UK, £/tonne	01 Dec 2021	860 - 920	0.00%	Nov 2021	877.5 - 937.5
MB-AL-0285	Aluminium scrap commercial turnings, LME discount, delivered consumer UK, £/tonne	01 Dec 2021	972 - 1032	6.26%	Nov 2021	914.5 - 974.5
MB-AL-0010	Aluminium scrap commercial cast, delivered consumer UK, £/tonne	01 Dec 2021	1170 - 1230	0.00%	Nov 2021	1190 - 1250
MB-AL-0283	Aluminium scrap commercial cast, LME discount, delivered consumer UK, £/tonne	01 Dec 2021	662 - 722	9.32%	Nov 2021	602 - 662
MB-AL-0011	Aluminium scrap commercial pure cuttings, delivered consumer UK, £/tonne	01 Dec 2021	1190 - 1230	0.00%	Nov 2021	1212.5 - 1260

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0279	Aluminium scrap commercial pure cuttings, LME discount, delivered consumer UK, £/tonne	01 Dec 2021	768 - 808	1.55%	Nov 2021	696.75 - 744.25
MB-AL-0017	Aluminium scrap LM6/LM25 gravity diecasting ingot, delivered consumer UK, £/tonne	01 Dec 2021	2400 - 2480	0.00%	Nov 2021	2425 - 2532.5
MB-AL-0284	Aluminium scrap cast wheels, LME discount, delivered consumer UK, £/tonne	01 Dec 2021	242 - 292	28.37%	Nov 2021	139.5 - 187
MB-AL-0007	Aluminium scrap cast wheels, delivered consumer UK, £/tonne	01 Dec 2021	1600 - 1650	0.00%	Nov 2021	1665 - 1712.5
MB-AL-0008	Aluminium scrap cast, delivered consumer Europe, €/tonne	03 Dec 2021	1530 - 1580	0.00%	Nov 2021	1545 - 1600
MB-AL-0278	Aluminium scrap group 1 pure 99% & litho, LME discount, delivered consumer UK, £/tonne	01 Dec 2021	118 - 168	9.16%	Nov 2021	56.75 - 109.25
MB-AL-0014	Aluminium scrap group 1 pure 99% & litho, delivered consumer UK, £/tonne	01 Dec 2021	1830 - 1880	0.00%	Nov 2021	1847.5 - 1900
MB-AL-0281	Aluminium scrap loose old rolled cuttings, LME discount, delivered consumer UK, £/tonne	01 Dec 2021	912 - 942	6.80%	Nov 2021	847 - 889.5
MB-AL-0018	Aluminium scrap loose old rolled cuttings, delivered consumer UK, £/tonne	01 Dec 2021	950 - 980	0.00%	Nov 2021	962.5 - 1005
MB-AL-0282	Aluminium scrap baled old rolled, LME discount, delivered consumer UK, £/tonne	01 Dec 2021	832 - 872	7.44%	Nov 2021	772 - 812
MB-AL-0006	Aluminium scrap baled old rolled, delivered consumer UK, £/tonne	01 Dec 2021	1020 - 1060	0.00%	Nov 2021	1040 - 1080
MB-AL-0280	Aluminium scrap clean HE9 extrusions, LME discount, delivered consumer UK, £/tonne	01 Dec 2021	108 - 158	9.92%	Nov 2021	46.75 - 99.25
MB-AL-0013	Aluminium scrap floated frag, delivered consumer Europe, €/tonne	03 Dec 2021	1550 - 1620	0.00%	Nov 2021	1587.5 - 1647.5
MB-AL-0019	Aluminium scrap mixed turnings, delivered consumer Europe, €/tonne	03 Dec 2021	1320 - 1380	0.00%	Nov 2021	1340 - 1400
MB-AL-0009	Aluminium scrap clean HE9 extrusions, delivered consumer UK, £/tonne	01 Dec 2021	1840 - 1890	0.00%	Nov 2021	1857.5 - 1910
MB-AL-0016	Aluminium scrap LM24 pressure diecasting ingot, delivered consumer UK, £/tonne	01 Dec 2021	1980 - 2050	0.00%	Nov 2021	1995 - 2087.5

Secondary aluminium alloy prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0005	Aluminium pressure diecasting ingot DIN226/A380, delivered Europe, €/tonne	03 Dec 2021	2280 - 2350	-1.91%	Nov 2021	2450 - 2575
MB-AL-0040	Aluminum alloy A380.1, delivered Midwest, US cents/lb	02 Dec 2021	140 - 143	1.07%	Nov 2021	138 - 142
MB-AL-0233	Aluminum alloy A380.1, delivered Midwest, \$/lb	02 Dec 2021	1.4 - 1.43	1.43%	Nov 2021	
MB-AL-0041	Aluminum alloy 319.1, delivered Midwest, cents/lb	02 Dec 2021	144 - 148	0.00%	Nov 2021	143.25 - 146.5
MB-AL-0042	Aluminum alloy 356.1, delivered Midwest, cents/lb	02 Dec 2021	167 - 172	0.00%	Nov 2021	167.75 - 173.5
MB-AL-0043	Aluminum alloy A360.1, delivered Midwest, cents/lb	02 Dec 2021	170 - 175	0.00%	Nov 2021	170.5 - 175
MB-AL-0044	Aluminum alloy A413.1, delivered Midwest, cents/lb	02 Dec 2021	175 - 178	0.28%	Nov 2021	172.75 - 177.5
MB-AL-0292	Aluminium ingot ADC 12 spot (MJP), cfr Japan, \$/tonne	01 Dec 2021	2500 - 2600	-1.92%	Nov 2021	2725 - 2825
MB-AL-0350	Aluminium ingot ADC 12, exw dp China, yuan/tonne	01 Dec 2021	19700 - 20000	0.00%	Nov 2021	19725 - 20250

Copper scrap No1 & No2 prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0417	Copper scrap No1 heavy copper & wire, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	360	0.00%	Nov 2021	360

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0295	Copper scrap No1 copper, discount, buying price, delivered to brass ingot makers, US cents/lb	01 Dec 2021	(27) - (23)		Nov 2021	(27) - (23)
MB-CU-0292	Copper scrap No1 copper, discount, buying price, delivered to refiners, US cents/lb	01 Dec 2021	(20) - (16)		Nov 2021	(22) - (18)
MB-CU-0291	Copper scrap No1 copper, discount, buying price, delivered to brass mill US, US cents/lb	01 Dec 2021	(15) - (12)		Nov 2021	(15) - (12)
MB-CU-0294	Copper scrap No1 bare bright, discount, buying price, delivered to brass ingot makers, US cents/lb	01 Dec 2021	(15) - (13)		Nov 2021	(13) - (11)
MB-CU-0305	Copper scrap No1 bare bright, buying price, delivered to brass ingot makers, US cents/lb	07 Dec 2021	419 - 421	0.00%	Nov 2021	423.55 - 425.55
MB-CU-0306	Copper scrap No1 copper, buying price, delivered to brass ingot makers, US cents/lb	07 Dec 2021	407 - 411	0.00%	Nov 2021	409.55 - 413.55
MB-CU-0302	Copper scrap No1 copper, buying price, delivered to brass mill US, US cents/lb	07 Dec 2021	420.5	0.00%	Nov 2021	423.05
MB-CU-0298	Copper scrap No1 comp solids, buying price, delivered to brass ingot makers, US cents/lb	01 Dec 2021	327 - 332	0.00%	Nov 2021	327 - 332
MB-CU-0303	Copper scrap No1 copper, buying price, delivered to refiners, US cents/lb	07 Dec 2021	416	0.00%	Nov 2021	416.4
MB-CU-0010	Copper scrap No1 heavy copper & wire, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	473	-1.46%	Nov 2021	474.5
MB-CU-0009	Copper scrap No1 heavy copper & wire, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	330	0.00%	Nov 2021	330
MB-CU-0512	No1 copper material, RCu-2A,1B (candy/berry), cif China, LME/Comex discount, US cents per lb	29 Nov 2021	9 - 13	-18.52%	Nov 2021	9 - 13
MB-CU-0360	No2 copper material, RCu-2B (birch/cliff), cif China, LME/Comex discount, US cents per lb	29 Nov 2021	24 - 28	-16.13%	Nov 2021	24 - 28
MB-CU-0025	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	293	0.00%	Nov 2021	293
MB-CU-0418	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	335	0.60%	Nov 2021	330.5
MB-CU-0304	Copper scrap No2 copper, buying price, delivered to refiners, US cents/lb	07 Dec 2021	380.5	0.00%	Nov 2021	383.05
MB-CU-0307	Copper scrap No2 copper, buying price, delivered to brass ingot makers, US cents/lb	07 Dec 2021	378 - 380	0.00%	Nov 2021	378.8 - 381.05
MB-CU-0293	Copper scrap No2 copper, discount, buying price, delivered to refiners, US cents/lb	01 Dec 2021	(55) - (52)		Nov 2021	(55) - (52)
MB-CU-0296	Copper scrap No2 copper, discount, buying price, delivered to brass ingot makers, US cents/lb	01 Dec 2021	(56) - (54)		Nov 2021	(57.75) - (55.5)
MB-CU-0026	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	446	-3.25%	Nov 2021	456

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

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0421	Copper scrap yellow brass solids, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	205	2.50%	Nov 2021	205
MB-CU-0301	Copper scrap yellow brass solids, buying price, delivered to brass ingot makers, US cents/lb	01 Dec 2021	265 - 275	0.00%	Nov 2021	263.75 - 271.5
MB-CU-0416	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	184	10.18%	Nov 2021	167
MB-CU-0414	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	170	11.11%	Nov 2021	149



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0300	Copper scrap radiators, buying price, delivered to brass ingot makers, US cents/lb	01 Dec 2021	252 - 257	0.00%	Nov 2021	253.25 - 257.75
MB-CU-0413	Copper scrap 70-30 brass clips, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	253	1.61%	Nov 2021	249
MB-CU-0415	Copper scrap light copper, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	300	-3.23%	Nov 2021	310
MB-CU-0297	Copper scrap light copper, discount, buying price, delivered to brass ingot makers, US cents/lb	01 Dec 2021	(62) - (58)		Nov 2021	(62) - (58)
MB-CU-0308	Copper scrap light copper, buying price, delivered to brass ingot makers, US cents/lb	07 Dec 2021	372 - 376	0.00%	Nov 2021	374.55 - 378.55
MB-CU-0299	Copper scrap comp borings, turnings, buying price, delivered to brass ingot makers, US cents/lb	01 Dec 2021	315 - 320	0.00%	Nov 2021	317.25 - 322.25
MB-CU-0419	Copper scrap red brass solids, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	253	5.42%	Nov 2021	235
MB-CU-0420	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	225	1.35%	Nov 2021	222

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

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0119	Copper scrap yellow brass solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	175	0.00%	Nov 2021	175
MB-CU-0120	Copper scrap yellow brass solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	320	1.91%	Nov 2021	313
MB-CU-0135	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	100	0.00%	Nov 2021	100
MB-CU-0136	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	284	0.00%	Nov 2021	284
MB-CU-0196	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	150	0.00%	Nov 2021	150
MB-CU-0197	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	290	0.35%	Nov 2021	276.5
MB-CU-0181	Copper scrap 70-30 brass clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	180	0.00%	Nov 2021	180
MB-CU-0042	Copper scrap light copper, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	470	-1.67%	Nov 2021	468
MB-CU-0041	Copper scrap light copper, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	265	0.00%	Nov 2021	265
MB-CU-0058	Copper scrap red brass solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	394	2.34%	Nov 2021	385
MB-CU-0073	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	110	0.00%	Nov 2021	110
MB-CU-0074	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	387	3.48%	Nov 2021	374
MB-CU-0057	Copper scrap red brass solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	200	0.00%	Nov 2021	200

Chicago nickel scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0202	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	460 - 515	-2.50%	Nov 2021	462.5 - 511
MB-NI-0198	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	125 - 130	-0.78%	Nov 2021	123 - 129
MB-NI-0152	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	200 - 210	3.80%	Nov 2021	185 - 210
MB-NI-0197	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	560 - 630	-2.06%	Nov 2021	573.5 - 620
MB-NI-0154	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	320 - 360	0.00%	Nov 2021	330 - 350
MB-NI-0151	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	131 - 135	4.31%	Nov 2021	125 - 130
MB-NI-0200	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	284 - 305	0.68%	Nov 2021	275 - 302.5
MB-NI-0199	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	185 - 195	0.00%	Nov 2021	180 - 193.5
MB-NI-0150	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	90 - 91	3.43%	Nov 2021	87 - 88
MB-NI-0149	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	390 - 440	0.00%	Nov 2021	400 - 430
MB-NI-0155	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	29 - 39	17.24%	Nov 2021	28 - 30
MB-NI-0201	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	280 - 302	-1.36%	Nov 2021	273.5 - 307.5
MB-NI-0153	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	200 - 210	3.80%	Nov 2021	180 - 215
MB-NI-0193	Nickel scrap nickel turnings, broker buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	700 - 815	-1.94%	Nov 2021	682.5 - 807.5
MB-NI-0145	Nickel scrap nickel turnings, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	490 - 570	0.95%	Nov 2021	490 - 560
MB-NI-0192	Nickel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	780 - 855	0.93%	Nov 2021	712.5 - 850
MB-NI-0144	Nickel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	545 - 595	4.11%	Nov 2021	515 - 580
MB-NI-0196	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	465 - 521	-1.89%	Nov 2021	457.5 - 511
MB-NI-0148	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	325 - 360	7.87%	Nov 2021	305 - 330
MB-NI-0194	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	495 - 561	0.57%	Nov 2021	472.5 - 543.5
MB-NI-0146	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	345 - 370	9.16%	Nov 2021	315 - 340
MB-NI-0195	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	320 - 436	5.00%	Nov 2021	300 - 410
MB-NI-0147	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	220 - 280	11.11%	Nov 2021	210 - 240
MB-NI-0203	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	01 Dec 2021	41 - 55	4.35%	Nov 2021	42 - 51.5

Detroit nickel scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0212	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	285 - 305	0.85%	Nov 2021	275 - 302.5
MB-NI-0162	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	90 - 91	11.04%	Nov 2021	75 - 88
MB-NI-0167	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	29 - 31	-1.64%	Nov 2021	28 - 33
MB-NI-0214	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	465 - 515	-2.00%	Nov 2021	472.5 - 505
MB-NI-0211	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	190 - 195	1.32%	Nov 2021	182.5 - 193.5
MB-NI-0164	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	200 - 210	7.89%	Nov 2021	170 - 210
MB-NI-0161	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	390 - 440	6.82%	Nov 2021	347 - 430
MB-NI-0210	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	129 - 130	-1.15%	Nov 2021	127.5 - 129
MB-NI-0209	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	560 - 630	-2.06%	Nov 2021	586.5 - 620
MB-NI-0166	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	325 - 360	9.78%	Nov 2021	274 - 350
MB-NI-0163	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	133 - 135	12.61%	Nov 2021	108 - 130
MB-NI-0213	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	285 - 300	-0.85%	Nov 2021	277.5 - 307.5
MB-NI-0165	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	200 - 210	7.89%	Nov 2021	165 - 215
MB-NI-0205	Nickel scrap nickel turnings, broker buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	740 - 815	0.65%	Nov 2021	697.5 - 807.5
MB-NI-0157	Nickel scrap nickel turnings, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	515 - 570	13.49%	Nov 2021	396 - 560
MB-NI-0204	Nickel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	780 - 835	0.94%	Nov 2021	735 - 827.5
MB-NI-0156	Nickel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	545 - 580	13.07%	Nov 2021	420 - 575
MB-NI-0208	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	465 - 520	-1.99%	Nov 2021	457.5 - 500
MB-NI-0160	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	325 - 360	7.87%	Nov 2021	305 - 330
MB-NI-0206	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	495 - 530	-0.97%	Nov 2021	472.5 - 520
MB-NI-0158	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	345 - 370	11.72%	Nov 2021	300 - 340
MB-NI-0207	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	320 - 365	5.38%	Nov 2021	300 - 375
MB-NI-0159	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	220 - 255	5.56%	Nov 2021	210 - 240
MB-NI-0215	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	01 Dec 2021	41 - 45	-3.37%	Nov 2021	42 - 51

Houston nickel scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0222	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	112 - 125	3.49%	Nov 2021	108 - 129
MB-NI-0178	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	389 - 390	-2.50%	Nov 2021	399 - 400
MB-NI-0175	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	100 - 155	-12.07%	Nov 2021	120 - 170
MB-NI-0227	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	49 - 57	8.16%	Nov 2021	49 - 53.5
MB-NI-0174	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	75 - 85	1.91%	Nov 2021	75 - 82
MB-NI-0224	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	289 - 290	1.05%	Nov 2021	279.5 - 295
MB-NI-0221	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	619 - 620	4.21%	Nov 2021	609 - 610
MB-NI-0179	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	29 - 30	31.11%	Nov 2021	22 - 23
MB-NI-0226	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	475 - 485	1.16%	Nov 2021	474.5 - 495
MB-NI-0223	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	175 - 185	1.12%	Nov 2021	169 - 186.5
MB-NI-0176	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	150 - 250	-19.19%	Nov 2021	220 - 275
MB-NI-0173	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	400 - 450	-12.37%	Nov 2021	470 - 500
MB-NI-0225	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	290 - 297	2.98%	Nov 2021	278 - 295
MB-NI-0177	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	220 - 240	9.52%	Nov 2021	200 - 220
MB-NI-0217	Nickel scrap nickel turnings, broker buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	645 - 750	2.57%	Nov 2021	607.5 - 687.5
MB-NI-0169	Nickel scrap nickel turnings, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	425 - 500	0.00%	Nov 2021	425 - 500
MB-NI-0216	Nickel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	750 - 820	3.29%	Nov 2021	710 - 752.5
MB-NI-0168	Nickel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	400 - 600	-9.01%	Nov 2021	549 - 550
MB-NI-0220	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	505 - 575	-0.92%	Nov 2021	507.5 - 571.5
MB-NI-0172	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	349 - 350	-21.02%	Nov 2021	400 - 485
MB-NI-0218	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	555 - 590	0.44%	Nov 2021	545 - 586.5
MB-NI-0170	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	374 - 375	-16.78%	Nov 2021	400 - 500
MB-NI-0219	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	350 - 435	1.29%	Nov 2021	342.5 - 435
MB-NI-0171	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Houston, US cents/lb	01 Dec 2021	250 - 325	-10.16%	Nov 2021	290 - 350

Pittsburgh nickel scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0238	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	450 - 560	0.50%	Nov 2021	482.5 - 508.5
MB-NI-0235	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	175 - 195	1.37%	Nov 2021	170 - 193.5
MB-NI-0188	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	175 - 210	14.93%	Nov 2021	125 - 210
MB-NI-0185	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	370 - 475	3.05%	Nov 2021	370 - 450
MB-NI-0191	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	21 - 35	12.00%	Nov 2021	20 - 30
MB-NI-0187	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	75 - 135	2.44%	Nov 2021	75 - 130
MB-NI-0234	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	120 - 130	-2.72%	Nov 2021	120 - 130.5
MB-NI-0239	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	42 - 52	4.44%	Nov 2021	40 - 49
MB-NI-0236	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	275 - 305	0.00%	Nov 2021	267.5 - 302.5
MB-NI-0233	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	560 - 648	3.25%	Nov 2021	550 - 620
MB-NI-0190	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	325 - 390	0.70%	Nov 2021	330 - 380
MB-NI-0186	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	65 - 91	1.96%	Nov 2021	65 - 88
MB-NI-0237	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	275 - 310	0.00%	Nov 2021	267.5 - 310
MB-NI-0189	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	175 - 210	-2.53%	Nov 2021	180 - 215
MB-NI-0229	Nickel scrap nickel turnings, broker buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	721 - 815	0.39%	Nov 2021	710 - 807.5
MB-NI-0181	Nickel scrap nickel turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	515 - 575	3.81%	Nov 2021	490 - 560
MB-NI-0228	Nickel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	775 - 835	0.63%	Nov 2021	752.5 - 827.5
MB-NI-0180	Nickel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	545 - 625	4.93%	Nov 2021	515 - 600
MB-NI-0232	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	460 - 520	7.10%	Nov 2021	385 - 500
MB-NI-0184	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	270 - 375	-2.27%	Nov 2021	300 - 360
MB-NI-0230	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	450 - 530	0.00%	Nov 2021	445 - 549.5
MB-NI-0182	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	315 - 400	2.88%	Nov 2021	315 - 380
MB-NI-0231	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	300 - 365	2.31%	Nov 2021	300 - 350
MB-NI-0183	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Dec 2021	220 - 280	8.70%	Nov 2021	200 - 260

Lead scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0004	Lead scrap buying price, delivered smelters US, \$/cwt	30 Nov 2021	80 - 85	0.00%	Nov 2021	80 - 85
MB-PB-0003	Lead scrap remelt buying price, delivered smelters US, \$/cwt	30 Nov 2021	87 - 90	0.00%	Nov 2021	87 - 90
MB-PB-0002	Lead scrap cable buying price, delivered smelters US, \$/cwt	30 Nov 2021	86 - 90	0.00%	Nov 2021	86 - 90
MB-PB-0111	Lead scrap heavy soft lead, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	38	-15.56%	Nov 2021	45
MB-PB-0112	Lead scrap undrained whole batteries, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	16	0.00%	Nov 2021	16.5
MB-PB-0005	Lead scrap whole batteries buying price, delivered smelters US, \$/cwt	30 Nov 2021	26 - 28	0.00%	Nov 2021	26.67 - 28.67
MB-PB-0009	Lead scrap heavy soft lead, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	50	0.00%	Nov 2021	50
MB-PB-0010	Lead scrap heavy soft lead, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Dec 2021	64	-13.51%	Nov 2021	72.5
MB-PB-0033	Lead scrap undrained whole batteries, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	18	0.00%	Nov 2021	18

Zinc scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0122	Zinc scrap old zinc scrap, dealer buying price, delivered to yard US, US cents/lb	01 Dec 2021	20	-20.00%	Nov 2021	25
MB-ZN-0004	Zinc scrap old zinc (clean), buying price, delivered smelters US, US cents/lb	30 Nov 2021	65 - 68	0.00%	Nov 2021	65 - 68
MB-ZN-0003	Zinc scrap new zinc clippings buying price, delivered smelters US, US cents/lb	30 Nov 2021	84 - 87	0.00%	Nov 2021	85 - 88
MB-ZN-0002	Zinc scrap galvanizers dross buying price, delivered smelters US, US cents/lb	30 Nov 2021	83 - 87	0.00%	Nov 2021	84.33 - 88
MB-ZN-0050	Zinc scrap old zinc, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Dec 2021	30	0.00%	Nov 2021	30

Titanium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-TI-0002	Titanium scrap turnings, unprocessed type 90/6/4, 0.5-2% Sn max, cif Europe, \$/lb	01 Dec 2021	1.8 - 1.9	0.00%	Nov 2021	1.8 - 1.9
MB-TI-0001	Titanium scrap turnings, unprocessed type 90/6/4, 0.5% Sn max, cif Europe, \$/lb	01 Dec 2021	1.8 - 2	0.00%	Nov 2021	1.8 - 2

Minor metals prices

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

Global cobalt metal & intermediate prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0005	Cobalt standard grade, in-whs Rotterdam, \$/lb	07 Dec 2021	31.9 - 32.7	0.00%	Nov 2021	29.13 - 29.69
MB-CO-0004	Cobalt alloy grade, in-whs Rotterdam, \$/lb	07 Dec 2021	31.9 - 32.7	0.00%	Nov 2021	29.13 - 29.69
MB-CO-0001	Cobalt 99.8% Co min, ex-works China, yuan/tonne	03 Dec 2021	453000 - 463000	0.88%	Nov 2021	419625 - 433875
MB-CO-0017	Cobalt sulfate 20.5% Co basis, exw China, yuan/tonne	03 Dec 2021	92000 - 94000	0.54%	Nov 2021	90125 - 92625
MB-CO-0012	Cobalt tetroxide 72.6% Co min, delivered China, yuan/tonne	03 Dec 2021	348000 - 355000	0.72%	Nov 2021	338125 - 343750
MB-CO-0020	Cobalt hydroxide index 30% Co min, cif China, \$/lb	03 Dec 2021	26.01	1.92%	Nov 2021	25.09
MB-CO-0021	Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	03 Dec 2021	89 - 90	0.00%	Nov 2021	89 - 91

Europe minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0004	Cobalt alloy grade, in-whs Rotterdam, \$/lb	07 Dec 2021	31.9 - 32.7	0.00%	Nov 2021	29.13 - 29.69
MB-CO-0005	Cobalt standard grade, in-whs Rotterdam, \$/lb	07 Dec 2021	31.9 - 32.7	0.00%	Nov 2021	29.13 - 29.69
MB-AS-0001	Arsenic 99% min As, in-whs Rotterdam, \$/lb	03 Dec 2021	1.4 - 1.7	0.00%	Nov 2021	1.4 - 1.7
MB-SB-0002	Antimony MMTA standard grade II, in-whs Rotterdam, \$/tonne	03 Dec 2021	12700 - 13500	0.00%	Nov 2021	12831.25 - 13450
MB-SB-0001	Antimony max 100 ppm Bi, in-whs Rotterdam, \$/tonne	03 Dec 2021	12700 - 13500	0.00%	Nov 2021	12750 - 13550
MB-BI-0001	Bismuth 99.99% Bi min, in-whs Rotterdam, \$/lb	03 Dec 2021	3.95 - 4.2	0.00%	Nov 2021	3.94 - 4.18
MB-CR-0001	Chromium alumino-thermic 99% min, in-whs Rotterdam, \$/tonne	03 Dec 2021	11000 - 12000	0.88%	Nov 2021	10500 - 11825
MB-GA-0001	Gallium 99.99% Ga min, in-whs Rotterdam, \$/kg	03 Dec 2021	390 - 410	0.00%	Nov 2021	371.25 - 401.25
MB-GER-0003	Germanium 99.99% Ge, in-whs Rotterdam, \$/kg	03 Dec 2021	1390 - 1430	1.44%	Nov 2021	1331.88 - 1416.25
MB-IN-0002	Indium 99.99%, in-whs Rotterdam, \$/kg	03 Dec 2021	258 - 295	-1.25%	Nov 2021	265 - 289.38
MB-MG-0001	Magnesium 99.9%, in-whs Rotterdam, \$/tonne	03 Dec 2021	7900 - 8500	0.00%	Nov 2021	7075 - 8750
MB-MN-0001	Manganese 99.7% electrolytic manganese flake, in-whs Rotterdam, \$/tonne	03 Dec 2021	7200 - 7600	2.78%	Nov 2021	7525 - 8065
MB-RE-0001	Rhenium APR catalytic grade, in-whs dup Rotterdam, \$/kg	03 Dec 2021	890 - 1100	2.58%	Nov 2021	890 - 1050
MB-RE-0002	Rhenium metal pellets 99.9% Re min, in-whs dup, Rotterdam \$/lb	03 Dec 2021	360 - 700	-7.83%	Nov 2021	450 - 700
MB-SE-0002	Selenium 99.5% Se min, in-whs Rotterdam, \$/lb	03 Dec 2021	9.7 - 11	0.00%	Nov 2021	9.7 - 11
MB-SI-0004	Silicon grade 5-5-3 98.5% Si min, in-whs Rotterdam, €/tonne	03 Dec 2021	5500 - 6000	4.55%	Nov 2021	4900 - 6700
MB-SI-0001	Silicon grade 4-4-1 99% Si min, in-whs Rotterdam, €/tonne	03 Dec 2021	5500 - 6500	4.35%	Nov 2021	5000 - 7050
MB-TE-0001	Tellurium 99.9-99.99% Te min, in-whs Rotterdam, \$/kg	03 Dec 2021	63 - 75	0.00%	Nov 2021	63 - 75

China minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0001	Cobalt 99.8% Co min, ex-works China, yuan/tonne	03 Dec 2021	453000 - 463000	0.88%	Nov 2021	419625 - 433875

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0021	Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	03 Dec 2021	89 - 90	0.00%	Nov 2021	89 - 91
MB-CO-0020	Cobalt hydroxide index 30% Co min, cif China, \$/lb	03 Dec 2021	26.01	1.92%	Nov 2021	25.09
MB-CO-0017	Cobalt sulfate 20.5% Co basis, exw China, yuan/tonne	03 Dec 2021	92000 - 94000	0.54%	Nov 2021	90125 - 92625
MB-CO-0012	Cobalt tetroxide 72.6% Co min, delivered China, yuan/tonne	03 Dec 2021	348000 - 355000	0.72%	Nov 2021	338125 - 343750
MB-SB-0003	Antimony MMTA standard grade II, ddp China, yuan/tonne	03 Dec 2021	73000 - 74000	1.38%	Nov 2021	72250 - 73250
MB-BI-0002	Bismuth 99.99% Bi min, in-whs China, yuan/tonne	03 Dec 2021	45500 - 46000	-1.08%	Nov 2021	46375 - 47125
MB-GA-0002	Gallium 99.99% Ga min, in-whs China, yuan/kg	03 Dec 2021	2400 - 2450	0.00%	Nov 2021	2375 - 2437.5
MB-GER-0004	Germanium 99.999% Ge min, in-whs China, yuan/kg	03 Dec 2021	9100 - 9450	0.00%	Nov 2021	9050 - 9337.5
MB-GER-0001	Germanium dioxide, in-whs China, \$/kg	03 Dec 2021	900 - 955	0.00%	Nov 2021	890 - 945.63
MB-IN-0003	Indium 99.99%, exw China, yuan/kg	03 Dec 2021	1550 - 1600	3.28%	Nov 2021	1560 - 1600
MB-MG-0002	Magnesium 99.9% Mg min, fob China main ports, \$/tonne	03 Dec 2021	6200 - 6500	2.42%	Nov 2021	5650 - 5950
MB-MG-0003	Magnesium 99.9%, exw China, yuan/tonne	03 Dec 2021	37000 - 38000	5.63%	Nov 2021	33750 - 34750
MB-MN-0007	Manganese 99.7% electrolytic manganese flake, fob China, \$/tonne	03 Dec 2021	6200 - 6400	-0.79%	Nov 2021	6587.5 - 6837.5
MB-SI-0002	Silicon export 98.5% Si min, fob China, \$/tonne	03 Dec 2021	3300 - 3600	-13.75%	Nov 2021	3700 - 4025
MB-SE-0003	Selenium 99.9% Se min, in-whs China, yuan/kg	03 Dec 2021	130 - 185	0.00%	Nov 2021	130 - 185
MB-TE-0002	Tellurium 99.99% Te min, in-whs China, yuan/kg	03 Dec 2021	470 - 475	0.00%	Nov 2021	475 - 480
MB-TA-0001	Tantalite, basis 25% min Ta2O5, cif China, \$ per lb Ta2O5	03 Dec 2021	75 - 80	0.00%	Nov 2021	75 - 79.5

US minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CR-0002	Chromium alumino-thermic 99% min ex-US warehouse \$/lb	02 Dec 2021	4.85 - 5	0.00%	Nov 2021	4.85 - 5
MB-SI-0003	Silicon, ddp US, US cents/lb	02 Dec 2021	450 - 485	2.19%	Nov 2021	445 - 492.5
MB-TI-0007	Titanium plate commercially pure, fob shipping point US, \$/lb	12 Oct 2021	11 - 13	0.00%	Nov 2021	11 - 13
MB-TI-0006	Titanium bar alloy AMS 4928, fob shipping point US, \$/lb	12 Oct 2021	24 - 25	0.00%	Nov 2021	24 - 25
MB-TI-0004	Titanium ingot 6Al-4V, fob shipping point US, \$/lb	12 Oct 2021	8 - 8.5	0.00%	Nov 2021	8 - 8.5
MB-TI-0008	Titanium sheet commercially pure, fob shipping point US, \$/lb	12 Oct 2021	13 - 15	0.00%	Nov 2021	13 - 15
MB-TI-0005	Titanium plate alloy AMS 4911, fob shipping point US, \$/lb	12 Oct 2021	27 - 28	0.00%	Nov 2021	27 - 28

Global location minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CD-0001	Cadmium 99.95% min, cif global ports, cents/lb	03 Dec 2021	125 - 137	0.00%	Nov 2021	125 - 135.5
MB-CD-0002	Cadmium 99.99% min, cif global ports, cents/lb	03 Dec 2021	130 - 140	0.00%	Nov 2021	130 - 140
MB-HF-0001	Hafnium, max 1% Zr, in-whs global locations, \$/kg	03 Dec 2021	900 - 1050	2.63%	Nov 2021	887.5 - 987.5

Base metals prices

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

Aluminium prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0343	Aluminium P1020A (MJP) spot premium, cif Japan, \$/tonne	07 Dec 2021	165 - 180	-1.43%	Nov 2021	173.33 - 183.33
MB-AL-0001	Aluminium P1020A (MJP) quarterly premium, cif Japan, \$/tonne	05 Oct 2021	215 - 220	21.85%	Nov 2021	215 - 220
MB-AL-0344	Aluminium P1020A premium, cif South Korea, \$/tonne	07 Dec 2021	160 - 170	-5.71%	Nov 2021	170 - 180
MB-AL-0307	Aluminium P1020A premium, fca South Korea, \$/tonne	07 Dec 2021	175 - 185	-5.26%	Nov 2021	185 - 195
MB-AL-0329	Aluminium P1020A premium, cif Taiwan, \$/tonne	30 Nov 2021	180 - 205	1.32%	Nov 2021	183.33 - 203.33
MB-AL-0328	Aluminium P1020A premium, bonded in-whs, Shanghai, \$/tonne	30 Nov 2021	60 - 90	-48.28%	Nov 2021	60 - 90
MB-AL-0345	Aluminium P1020A premium, cif Shanghai, \$/tonne	30 Nov 2021	50 - 80	-51.85%	Nov 2021	50 - 80
MB-AL-0346	Aluminium P1020A premium, in-whs dup Rotterdam, \$/tonne	07 Dec 2021	230 - 245	0.00%	Nov 2021	233.41 - 248.18
MB-AL-0004	Aluminium P1020A premium, in-whs dp Rotterdam, \$/tonne	07 Dec 2021	280 - 300	0.00%	Nov 2021	287.78 - 305.56
MB-AL-0316	Aluminium P1020A premium, fca dp Italy, \$/tonne	07 Dec 2021	360 - 375	0.00%	Nov 2021	363 - 378
MB-AL-0319	Aluminium P1020A premium, fca dp Spain, \$/tonne	30 Nov 2021	365 - 375	0.00%	Nov 2021	368.33 - 380
MB-AL-0021	Aluminium P1020A premium, delivered Sao Paulo region, \$/tonne	30 Nov 2021	470 - 490	3.23%	Nov 2021	456.67 - 483.33
MB-AL-0022	Aluminium P1020A premium, cif dup Brazilian main ports, \$/tonne	30 Nov 2021	380 - 400	0.00%	Nov 2021	380 - 400
MB-AL-0020	Aluminium P1020A premium, ddp Midwest US, US cents/lb	07 Dec 2021	25.5 - 28.5	0.00%	Nov 2021	29.67 - 31.89
MB-AL-0231	Aluminum P1020A all-in price, delivered Midwest US, US cents/lb	07 Dec 2021	144.46 - 147.46	0.68%	Nov 2021	149.51 - 151.61
MB-AL-0337	Aluminium P1020A premium, cif dup Turkey, \$/tonne	30 Nov 2021	265 - 280	0.00%	Nov 2021	283.33 - 296.67
MB-AL-0381	Aluminium low-carbon differential P1020A, Europe, \$/tonne	03 Dec 2021	0 - 10	0.00%	Nov 2021	0 - 10
MB-AL-0378	Aluminium P1020A premium, in-whs dp Rotterdam, inferred low-carbon midpoint, \$/tonne	07 Dec 2021	295	0.00%	Nov 2021	301.5
MB-AL-0377	Aluminium P1020A premium, in-whs dup Rotterdam, inferred low-carbon midpoint, \$/tonne	07 Dec 2021	242.5	0.00%	Nov 2021	245.52
MB-AL-0333	Aluminium P1020A warrant premium, in-whs Southeast Asia, \$/tonne	01 Dec 2021	40 - 70	-15.38%	Nov 2021	50 - 80
MB-AL-0334	Aluminium P1020A, warrant premium, in-whs East Asia, \$/tonne	01 Dec 2021	40 - 70	-15.38%	Nov 2021	50 - 80
MB-AL-0338	Aluminium P1020A warrant premium, in-whs US, \$/tonne	01 Dec 2021	115 - 125	0.00%	Nov 2021	115 - 125
MB-AL-0297	Aluminium 6063 extrusion billet premium, cif Thailand, \$/tonne	19 Nov 2021	465 - 485	0.00%	Nov 2021	465 - 485
MB-AL-0298	Aluminium 6063 extrusion quarterly billet premium, cif MJP, \$/tonne	15 Oct 2021	180 - 200	16.92%	Nov 2021	180 - 200
MB-AL-0302	Aluminium 6063 extrusion billet premium, ddp North Germany (Ruhr region), \$/tonne	03 Dec 2021	1470 - 1520	1.36%	Nov 2021	1450 - 1500
MB-AL-0300	Aluminium 6063 extrusion billet premium, ddp Italy (Brescia region), \$/tonne	03 Dec 2021	1470 - 1540	0.00%	Nov 2021	1470 - 1540
MB-AL-0299	Aluminium 6063 extrusion billet premium, ddp Spain, \$/tonne	03 Dec 2021	1430 - 1500	0.00%	Nov 2021	1430 - 1500
MB-AL-0002	Aluminium 6063 extrusion billet premium, in-whs dp Rotterdam, \$/tonne	03 Dec 2021	1430 - 1480	1.39%	Nov 2021	1410 - 1460
MB-AL-0296	Aluminium 6063 extrusion billet premium, cif Turkey (Marmara region), \$/tonne	03 Dec 2021	700 - 750	0.00%	Nov 2021	700 - 750



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0052	Aluminum 6063 extrusion billet premium, delivered Midwest US, US cents/lb	03 Dec 2021	24 - 28	4.00%	Nov 2021	23 - 27
MB-AL-0287	Aluminium 6063 & 6060 extrusion billet premium, cif Brazilian main ports, \$/tonne	03 Dec 2021	680 - 720	0.00%	Nov 2021	680 - 720
MB-AL-0382	Aluminium low-carbon differential value-added product, Europe, \$/tonne	03 Dec 2021	20 - 30	0.00%	Nov 2021	20 - 30
MB-AL-0379	Aluminium 6063 extrusion billet premium, ddp Italy (Brescia region), inferred low-carbon midpoint, \$/tonne	03 Dec 2021	1530	0.00%	Nov 2021	1530
MB-AL-0380	Aluminium 6063 extrusion billet premium, ddp North Germany (Ruhr region), inferred low-carbon midpoint, \$/tonne	03 Dec 2021	1520	1.33%	Nov 2021	1500
MB-AL-0341	Aluminium primary foundry alloy silicon 7 ingot premium, cif dup over P1020A Turkey, \$/tonne	12 Nov 2021	400 - 490	0.00%	Nov 2021	400 - 490
MB-AL-0349	Aluminium primary foundry alloy silicon 7 ingot annual premium, cif MJP, \$/tonne	15 Jan 2021	100 - 120	-15.38%	Nov 2021	100 - 120
MB-AL-0348	Aluminium primary foundry alloy silicon 7 ingot annual premium, cif main South Korean ports, \$/tonne	15 Jan 2021	90 - 120	0.00%	Nov 2021	90 - 120
MB-AL-0342	Aluminium primary foundry alloy silicon 7 ingot /T-bar premium, dlvd dup over P1020A Midwest US, US cents/lb	12 Nov 2021	11 - 13	0.00%	Nov 2021	11 - 13
MB-AL-0340	Aluminium primary foundry alloy silicon 7 ingot premium, ddp Eastern Europe, \$/tonne	12 Nov 2021	800 - 900	0.00%	Nov 2021	800 - 900
MB-AL-0339	Aluminium primary foundry alloy silicon 7 ingot premium, ddp Germany, \$/tonne	12 Nov 2021	800 - 900	0.00%	Nov 2021	800 - 900
MB-AL-0045	Aluminum 6061 alloyed ingot, US cents/lb	01 Dec 2021	1.61 - 1.69	-10.33%	Nov 2021	1.81 - 1.87
MB-AL-0046	Aluminum 6063 alloyed ingot, US cents/lb	01 Dec 2021	1.69 - 1.77	-9.90%	Nov 2021	1.89 - 1.95
MB-AL-0277	Aluminum alloy C355.2 ingot, delivered, \$/lb	07 Dec 2021	1.82	0.55%	Nov 2021	1.79
MB-AL-0289	Aluminium import arbitrage, \$/tonne	07 Dec 2021	(110.46)		Nov 2021	(182.95)
MB-AL-0290	Aluminium import arbitrage, yuan/tonne	07 Dec 2021	(705)		Nov 2021	(1171.18)
MB-AL-0256	Aluminium fixing price for LME trade, rand/tonne	07 Dec 2021	41657.44	-0.14%	Nov 2021	40981.42

Metallurgical bauxite & alumina prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ALU-0010	Alumina index inferred, fob Brazil, \$/dmt	07 Dec 2021	382.98	-0.04%	Nov 2021	437.75
MB-ALU-0003	Alumina index adjustment to fob Australia index, Brazil, \$/dmt	02 Dec 2021	19.14	-28.95%	Nov 2021	30.14
MB-ALU-0002	Alumina index, fob Australia, \$/tonne	07 Dec 2021	363.84	-0.05%	Nov 2021	406.8
MB-ALU-0001	Alumina metallurgical grade, exw China, yuan/tonne	02 Dec 2021	3000 - 3200	-3.13%	Nov 2021	3400 - 3625
MB-BX-0015	Bauxite, fob Trombetas, Brazil, \$/dmt	18 Nov 2021	32	0.00%	Nov 2021	32
MB-BX-0014	Bauxite, fob Kamsar, Guinea, \$/dmt	18 Nov 2021	27	-6.90%	Nov 2021	27

Copper prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0412	Copper EQ cathode premium, cif Shanghai, \$/tonne	30 Nov 2021	10 - 30	-27.27%	Nov 2021	16.67 - 33.33
MB-CU-0411	Copper EQ cathode premium, cif Europe, \$/tonne	30 Nov 2021	20 - 45	0.00%	Nov 2021	20 - 45
MB-CU-0369	Copper grade A cathode premium, cif Rotterdam, \$/tonne	30 Nov 2021	45 - 55	-9.09%	Nov 2021	48.33 - 58.33

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0372	Copper grade A cathode premium, delivered Germany, \$/tonne	30 Nov 2021	80 - 90	-5.56%	Nov 2021	80 - 96.67
MB-CU-0406	Copper grade A cathode premium, cif Leghorn, \$/tonne	30 Nov 2021	75 - 90	-2.94%	Nov 2021	76.67 - 88.33
MB-CU-0380	Copper grade A cathode ER premium, cif Shanghai, \$/tonne	07 Dec 2021	85 - 96	0.00%	Nov 2021	89.41 - 97.95
MB-CU-0383	Copper grade A cathode ER premium, bonded in-whs Shanghai, \$/tonne	07 Dec 2021	95 - 105	0.00%	Nov 2021	95.82 - 104.36
MB-CU-0403	Copper grade A cathode premium, cif Shanghai, \$/tonne	07 Dec 2021	78 - 96	0.00%	Nov 2021	82 - 97.95
MB-CU-0405	Copper grade A cathode premium, in-whs Shanghai, \$/tonne	07 Dec 2021	85 - 105	0.00%	Nov 2021	87.23 - 104.36
MB-CU-0384	Copper grade A cathode SX-EW premium, cif Shanghai, \$/tonne	07 Dec 2021	78 - 85	0.00%	Nov 2021	82 - 87.64
MB-CU-0382	Copper grade A cathode SX-EW premium, bonded in-whs Shanghai, \$/tonne	07 Dec 2021	85 - 95	0.00%	Nov 2021	87.23 - 94.27
MB-CU-0399	Copper grade A cathode premium, cif Southeast Asia, \$/tonne	07 Dec 2021	80 - 90	0.00%	Nov 2021	80 - 90
MB-CU-0386	Copper grade A cathode premium, cif Taiwan, \$/tonne	30 Nov 2021	75 - 85	3.23%	Nov 2021	71.67 - 85
MB-CU-0404	Copper grade A cathode premium, cif South Korea, \$/tonne	30 Nov 2021	75 - 85	0.00%	Nov 2021	75 - 85
MB-CU-0310	Copper grade 1 cathode premium, ddp Midwest US, \$/tonne	07 Dec 2021	176.37 - 220.46	0.00%	Nov 2021	
MB-CU-0002	Copper grade 1 cathode premium, ddp Midwest US, US cents/lb	07 Dec 2021	8 - 10	0.00%	Nov 2021	8 - 9.2
MB-CU-0309	Copper grade 1 cathode all-in price, ddp Midwest US, US cents/lb	07 Dec 2021	441.8 - 443.8	0.02%	Nov 2021	445 - 446.05
MB-CU-0400	Copper grade A cathode warrant premium, in-whs North Europe, \$/tonne	01 Dec 2021	5 - 10	0.00%	Nov 2021	5 - 10
MB-CU-0401	Copper grade A cathode warrant premium, in-whs South Europe, \$/tonne	01 Dec 2021	15 - 25	0.00%	Nov 2021	15 - 25
MB-CU-0397	Copper grade A cathode warrant premium, in-whs Southeast Asia, \$/tonne	01 Dec 2021	15 - 25	0.00%	Nov 2021	20 - 32.5
MB-CU-0398	Copper grade A cathode warrant premium, in-whs East Asia \$/tonne	01 Dec 2021	15 - 25	0.00%	Nov 2021	20 - 32.5
MB-CU-0377	Copper grade A cathode warrant premium, in-whs US, \$/tonne	01 Dec 2021	10 - 25	0.00%	Nov 2021	17.5 - 25
MB-CU-0336	Copper Aurubis grade A cathode annual premium, exw Europe, \$/tonne	16 Jan 2019	96	11.63%	Nov 2021	
MB-CU-0410	Copper rod premium, ddp Midwest US, US cents/lb	02 Dec 2021	21 - 23	0.00%	Nov 2021	21 - 23
MB-CU-0361	Copper import arbitrage, \$/tonne	07 Dec 2021	43.22	-65.72%	Nov 2021	151.34
MB-CU-0362	Copper import arbitrage, yuan/tonne	07 Dec 2021	275.82	-65.73%	Nov 2021	968.86
MB-CU-0338	Copper fixing price for LME trade, rand/tonne	07 Dec 2021	153093.07	0.19%	Nov 2021	151570.52
MB-CU-0321	Copper Republican copper price for Palabora 7.90mm South Africa Rand per tonne	30 Nov 2021	151699.21	4.46%	Nov 2021	

Copper concentrate & copper blister prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0287	Copper concentrates TC index, cif Asia Pacific, \$/tonne	03 Dec 2021	57.4	1.06%	Nov 2021	57.48
MB-CU-0288	Copper concentrates RC index, cif Asia Pacific, US cents/lb	03 Dec 2021	5.74	1.06%	Nov 2021	5.75
MB-CU-0422	Copper concentrates counterparty spread, \$/tonne	01 Dec 2021	10.45	-11.44%	Nov 2021	11.8
MB-CU-0423	Copper Concentrates Co-VIU, \$/tonne	01 Dec 2021	0.28		Nov 2021	(0.1)
MB-CU-0508	Copper concentrates TC implied smelters purchase, cif Asia Pacific, \$/tonne	03 Dec 2021	62.63	-0.11%	Nov 2021	63.38



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0510	Copper concentrates RC implied smelters purchase, cif Asia Pacific, cents/lb	03 Dec 2021	6.26	-0.16%	Nov 2021	6.34
MB-CU-0509	Copper concentrates TC implied traders purchase, cif Asia Pacific, \$/tonne	03 Dec 2021	52.18	2.51%	Nov 2021	51.58
MB-CU-0511	Copper concentrates RC implied traders purchase, cif Asia Pacific, cents/lb	03 Dec 2021	5.22	2.55%	Nov 2021	5.16
MB-CU-0408	Copper blister 98-99% RC spot, cif China, \$/tonne	30 Nov 2021	150 - 170	0.00%	Nov 2021	150 - 170
MB-CU-0409	Copper blister 98-99% RC annual benchmark, cif China, \$/tonne	22 Jan 2021	140 - 150	12.40%	Nov 2021	140 - 150

Nickel prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0241	Nickel briquette premium, delivered Midwest US, US cents/lb	07 Dec 2021	75 - 90	6.45%	Nov 2021	62 - 84
MB-NI-0242	Nickel 4x4 cathode all-in price, delivered Midwest US, US cents/lb	07 Dec 2021	975.63 - 980.63	1.53%	Nov 2021	955.21 - 961.71
MB-NI-0243	Nickel briquette all-in price, delivered Midwest US, US cents/lb	07 Dec 2021	995.63 - 1010.63	2.01%	Nov 2021	962.21 - 982.71
MB-NI-0240	Nickel 4x4 cathode premium, delivered Midwest US, US cents/lb	07 Dec 2021	55 - 60	0.00%	Nov 2021	54 - 60
MB-NI-0245	Nickel min 99.8% briquette premium, cif Shanghai, \$/tonne	30 Nov 2021	300 - 400	27.27%	Nov 2021	300 - 400
MB-NI-0142	Nickel min 99.8% full plate premium, cif Shanghai, \$/tonne	07 Dec 2021	320 - 350	0.00%	Nov 2021	324 - 354
MB-NI-0143	Nickel min 99.8% full plate premium, in-whs Shanghai, \$/tonne	07 Dec 2021	340 - 360	0.00%	Nov 2021	340 - 362
MB-NI-0001	Nickel 4x4 cathode premium, in-whs Rotterdam, \$/tonne	07 Dec 2021	220 - 290	4.08%	Nov 2021	189 - 248
MB-NI-0002	Nickel briquette premium, in-whs Rotterdam, \$/tonne	07 Dec 2021	150 - 170	0.00%	Nov 2021	146 - 166
MB-NI-0003	Nickel uncut cathode premium, in-whs Rotterdam, \$/tonne	07 Dec 2021	70 - 90	0.00%	Nov 2021	58 - 81
MB-NI-0139	Nickel min 99.8% full plate warrant premium, in-whs East Asia, \$/tonne	01 Dec 2021	30 - 40	0.00%	Nov 2021	30 - 40
MB-NI-0137	Nickel min 99.8% full plate warrant premium, in-whs Southeast Asia, \$/tonne	01 Dec 2021	30 - 45	0.00%	Nov 2021	30 - 45
MB-NI-0140	Nickel min 99.8% briquette warrant premium, in-whs East Asia, \$/tonne	01 Dec 2021	50 - 60	0.00%	Nov 2021	45 - 57.5
MB-NI-0138	Nickel min 99.8% briquette warrant premium, in-whs Southeast Asia, \$/tonne	01 Dec 2021	50 - 60	0.00%	Nov 2021	43.75 - 57.5
MB-NI-0141	Nickel min 99.8% warrant premium, in-whs North Europe, \$/tonne	01 Dec 2021	30 - 130	-11.11%	Nov 2021	52.5 - 130
MB-NI-0244	Nickel sulfate min 21%, max 22.5%; cobalt 10ppm max, exw China, yuan/tonne	03 Dec 2021	35000 - 36000	0.00%	Nov 2021	35250 - 36000
MB-NI-0246	Nickel sulfate, cif China, Japan and Korea, \$/tonne	01 Dec 2021	4964	1.58%	Nov 2021	4887
MB-NI-0247	Nickel sulfate premium, cif China, Japan and Korea, \$/tonne	01 Dec 2021	2300	-8.00%	Nov 2021	2500
MB-NI-0107	Nickel import arbitrage, yuan/tonne	07 Dec 2021	591.97	-32.31%	Nov 2021	189.25
MB-NI-0106	Nickel import arbitrage, \$/tonne	07 Dec 2021	92.75	-32.28%	Nov 2021	29.61
MB-NI-0093	Nickel fixing price for LME trade, rand/tonne	07 Dec 2021	322230.2	0.54%	Nov 2021	310420.58

Nickel ore & laterite ore prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NIO-0001	Nickel ore 1.8% basis 15-20% Fe water content: 30-35% Si:Mg ratio<2 lot size 50,000 tonnes, cif China, \$/tonne	03 Dec 2021	118 - 122	0.00%	Nov 2021	118 - 122
MB-NIO-0002	Laterite ore with 1.5% Ni content, cif China, \$/tonne	03 Dec 2021	81 - 83	0.00%	Nov 2021	81 - 83

Lead prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0108	Lead 99.99% ingot premium, cif Southeast Asia, \$/tonne	07 Dec 2021	125 - 145	-1.82%	Nov 2021	125 - 150
MB-PB-0107	Lead 99.97% ingot premium, cif Southeast Asia, \$/tonne	07 Dec 2021	80 - 110	0.00%	Nov 2021	80 - 110
MB-PB-0084	Lead 99.97% ingot premium, cif Taiwan, \$/tonne	30 Nov 2021	100 - 115	0.00%	Nov 2021	100 - 115
MB-PB-0083	Lead 99.99% ingot premium, cif Taiwan, \$/tonne	30 Nov 2021	125 - 135	0.00%	Nov 2021	125 - 135
MB-PB-0087	Lead 99.97% ingot premium, cif India, \$/tonne	07 Dec 2021	50 - 130	-12.20%	Nov 2021	70 - 135
MB-PB-0086	Lead 99.99% ingot premium, cif India, \$/tonne	07 Dec 2021	140 - 150	0.00%	Nov 2021	140 - 150
MB-PB-0099	Lead 99.99% ingot premium, delivered Midwest US, US cents/lb	07 Dec 2021	17 - 19	0.00%	Nov 2021	17 - 19
MB-PB-0006	Lead 99.97% ingot premium, ddp Midwest US, US cents/lb	07 Dec 2021	15 - 18	0.00%	Nov 2021	15 - 18
MB-PB-0056	Lead 99.97% ingot all-in price, ddp Midwest US, US cents/lb	07 Dec 2021	116 - 119	-0.23%	Nov 2021	121.56 - 124.56
MB-PB-0109	Lead 99.97% ingot warrant premium, in-whs North Europe, \$/tonne	01 Dec 2021	20 - 30	-16.67%	Nov 2021	12.5 - 32.5
MB-PB-0110	Lead 99.97% ingot warrant premium, in-whs South Europe, \$/tonne	01 Dec 2021	20 - 30	-16.67%	Nov 2021	20 - 32.5
MB-PB-0106	Lead min 99.97% ingot warrant premium, in-whs East Asia \$/tonne	01 Dec 2021	5 - 20	0.00%	Nov 2021	5 - 20
MB-PB-0105	Lead min 99.97% ingot warrant premium, in-whs Southeast Asia \$/tonne	01 Dec 2021	5 - 20	0.00%	Nov 2021	5 - 20
MB-PB-0097	Lead 99.97% ingot warrant premium, in-whs US, \$/tonne	01 Dec 2021	20 - 30	0.00%	Nov 2021	20 - 30
MB-PB-0064	Lead fixing price for LME trade, rand/tonne	07 Dec 2021	35357.25	-1.38%	Nov 2021	36381.58

Lead concentrate prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0101	Lead concentrate TC High Silver, Annual Benchmark, \$ per tonne	03 Jun 2019	98	0.00%	Nov 2021	98
MB-PB-0100	Lead concentrate TC, low silver, annual benchmark, \$/tonne	15 Mar 2018	99	-28.26%	Nov 2021	99
MB-PB-0103	Lead spot concentrate TC, low silver, cif China, \$/tonne	26 Nov 2021	55 - 75	4.00%	Nov 2021	55 - 75
MB-PB-0104	Lead spot concentrate TC, high silver, cif China, \$/tonne	26 Nov 2021	50 - 70	-4.00%	Nov 2021	50 - 70

Tin prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SN-0029	Tin 99.9% low lead ingot premium, in-whs Rotterdam, \$/tonne	30 Nov 2021	1500 - 2000	0.00%	Nov 2021	1500 - 2000
MB-SN-0002	Tin 99.9% ingot premium, in-whs Rotterdam, \$ per tonne	30 Nov 2021	1100 - 1400	0.00%	Nov 2021	1133.33 - 1433.33
MB-SN-0036	Tin 99.85% ingot premium, in-whs Baltimore, \$/tonne	30 Nov 2021	2000 - 2700	0.00%	Nov 2021	2100 - 2950
MB-SN-0038	Tin 99.9% ingot premium, cif Taiwan, \$/tonne	30 Nov 2021	300 - 400	0.00%	Nov 2021	316.67 - 416.67
MB-SN-0012	Tin grade A min 99.85% ingot all-in price, ddp Midwest US, \$/tonne	07 Dec 2021	42095 - 42795	1.19%	Nov 2021	41514.5 - 42469.5
MB-SN-0011	Tin grade A min 99.85% ingot premium, ddp Midwest US, \$/tonne	30 Nov 2021	2200 - 2900	0.00%	Nov 2021	2291.67 - 3141.67
MB-SN-0042	Tin min 99.85% ingot warrant premium, in-whs South East Asia, \$/tonne	01 Dec 2021	50 - 150	0.00%	Nov 2021	50 - 150
MB-SN-0005	Tin rand fixing price for LME trade, rand/tonne	07 Dec 2021	633193.05	0.19%	Nov 2021	611702.48

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	30 Nov 2021	140 - 150	7.41%	Nov 2021	133.33 - 143.33
MB-ZN-0113	Zinc SHG 99.995% ingot premium, fca Singapore, \$/per tonne	30 Nov 2021	140 - 150	7.41%	Nov 2021	133.33 - 143.33
MB-ZN-0093	Zinc SHG min 99.995% ingot premium, cif Southeast Asia, \$/tonne	30 Nov 2021	140 - 160	11.11%	Nov 2021	135 - 148.33
MB-ZN-0116	Zinc SHG 99.995% ingot premium, cif Taiwan \$/tonne	30 Nov 2021	150 - 160	6.90%	Nov 2021	140 - 150
MB-ZN-0119	Zinc min 99.995% ingot premium, in-whs Shanghai, \$/tonne	07 Dec 2021	70 - 80	0.00%	Nov 2021	70 - 86
MB-ZN-0106	Zinc SHG min 99.995% ingot premium, cif Shanghai, \$/per tonne	07 Dec 2021	70 - 80	0.00%	Nov 2021	70 - 86
MB-ZN-0102	Zinc SHG min 99.995% ingot premium, ddp Italy, \$/per tonne	30 Nov 2021	400 - 450	28.79%	Nov 2021	320 - 366.67
MB-ZN-0103	Zinc SHG min 99.995% ingot premium, fca dp Italy, \$/tonne	30 Nov 2021	350 - 400	25.00%	Nov 2021	280 - 316.67
MB-ZN-0099	Zinc SHG min 99.995% ingot premium, dp fca Antwerp, \$/tonne	07 Dec 2021	250 - 280	0.00%	Nov 2021	226 - 260
MB-ZN-0001	Zinc SHG min 99.995% ingot premium, dp fca Rotterdam, \$/tonne	07 Dec 2021	250 - 280	0.00%	Nov 2021	226 - 260
MB-ZN-0082	Zinc SHG min 99.995% ingot premium monthly average, delivered UK, £/tonne	01 Dec 2021	2648	-2.72%	Nov 2021	2722
MB-ZN-0005	Zinc SHG min 99.995% ingot premium, ddp Midwest US, US cents/lb	07 Dec 2021	15 - 19	6.25%	Nov 2021	13.2 - 16
MB-ZN-0061	Zinc SHG min 99.995% ingot all-in price, ddp Midwest US, US cents/lb	07 Dec 2021	164.05 - 168.05	2.37%	Nov 2021	163 - 165.5
MB-ZN-0104	Zinc SHG min 99.995% warrant premium, in-whs US, \$/per tonne	01 Dec 2021	10 - 15	0.00%	Nov 2021	10 - 15
MB-ZN-0117	Zinc SHG min 99.995% warrant premium, in-whs North Europe, \$/tonne	01 Dec 2021	80 - 100	0.00%	Nov 2021	80 - 100
MB-ZN-0123	Zinc SHG min 99.995% warrant premium, in-whs Southeast Asia, \$/tonne	01 Dec 2021	10 - 20	0.00%	Nov 2021	10 - 20
MB-ZN-0083	Zinc import arbitrage, \$/tonne	07 Dec 2021	(154.19)		Nov 2021	(211.23)
MB-ZN-0084	Zinc import arbitrage, yuan/tonne	07 Dec 2021	(984.13)		Nov 2021	(1352.55)
MB-ZN-0072	Zinc rand fixing price for LME trade, rand/tonne	07 Dec 2021	52170.98	0.86%	Nov 2021	51447.66

Zinc concentrate & zinc alloy prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0121	Zinc concentrate TC spot, delivered South China, yuan/tonne	26 Nov 2021	3800 - 4000	-3.70%	Nov 2021	3800 - 4000
MB-ZN-0120	Zinc concentrate TC spot, delivered North China, yuan/tonne	26 Nov 2021	4000 - 4200	-2.38%	Nov 2021	4000 - 4200
MB-ZN-0110	Zinc spot concentrate TC, cif China, \$/per tonne	26 Nov 2021	70 - 90	-1.84%	Nov 2021	72.5 - 89
MB-ZN-0111	Zinc concentrate TC annual benchmark, cif China, \$/per tonne	24 Jul 2019	245	66.67%	Nov 2021	245

Manganese ore & alloys

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

Weekly ore indices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MNO-0002	Manganese ore 37% Mn, fob Port Elizabeth, \$/dmtu	03 Dec 2021	3.24	-6.36%	Nov 2021	3.47
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, \$/dmtu	03 Dec 2021	5.61	1.08%	Nov 2021	5.66
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, \$/dmtu	03 Dec 2021	4.59	-2.55%	Nov 2021	4.79
MB-MNO-0004	Manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin China, yuan/dmtu	03 Dec 2021	33.8	0.00%	Nov 2021	34.53
MB-MNO-0005	Manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin China, yuan/dmtu	03 Dec 2021	42.7	-0.23%	Nov 2021	43.65

Silico-manganese prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SIM-0001	Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	03 Dec 2021	7800 - 8000	-3.07%	Nov 2021	8550 - 8950
MB-SIM-0004	Silico-manganese 65% Mn min, min 16% Si, fob India, \$/tonne	03 Dec 2021	1500 - 1550	0.00%	Nov 2021	1631.25 - 1725
MB-SIM-0002	Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	03 Dec 2021	1700 - 1800	-4.11%	Nov 2021	1812.5 - 1975
MB-SIM-0005	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, \$/lb	02 Dec 2021	1.2 - 1.25	0.00%	Nov 2021	
MB-SIM-0003	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, US cents/lb	02 Dec 2021	120 - 125	0.00%	Nov 2021	120 - 125

Ferro-manganese prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEM-0007	Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	03 Dec 2021	7000 - 7100	-4.08%	Nov 2021	8475 - 8675
MB-FEM-0006	Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	03 Dec 2021	1750 - 1850	-2.70%	Nov 2021	1825 - 1975
MB-FEM-0002	Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	02 Dec 2021	315 - 320	0.00%	Nov 2021	315 - 320
MB-FEM-0004	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, \$/lb	02 Dec 2021	2.25 - 2.3	0.00%	Nov 2021	
MB-FEM-0003	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, US cents/lb	02 Dec 2021	225 - 230	0.00%	Nov 2021	225 - 230
MB-FEM-0001	Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, \$/long ton	02 Dec 2021	2600 - 2650	0.00%	Nov 2021	2600 - 2650

Iron ore markets

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

News

MineHub adds carbon tracking, ESG compliance to digital platform

By Andrea Hotter - Tuesday 07 December

MineHub Technologies has launched a way for the mining and metals supply chain to digitalize the administration, certification and reporting of environmental, social and governance (ESG) credentials - including direct and indirect carbon emissions - related to the products they sell, buy and finance, the blockchain technology platform said.

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

Arnoud Star Busmann, MineHub's chief executive officer, said that almost every conversation the company has with customers and prospective users inevitably includes a reference to ESG disclosure and tracking.

"This new solution is an integral part of the MineHub vision and is now an urgent requirement - both for the world and for individual companies," he said.

"This first release of the ESG solution will immediately start helping companies on their ESG journey and can actually be used well beyond mining and metals, in any supply chain," he added.

According to MineHub, the solution is integrated with the core MineHub platform and allows users to capture and administer ESG credentials, including the emissions intensity of their brands and products. This means the certified ESG data is automatically included in the transaction data sets related to the sale, purchase or financing of products, it said.

It also allows users to automate the accounting and reporting of Scope 3 emissions because they connect their suppliers and customers to the MineHub platform, in addition to requesting and recording third party certification of their ESG credentials, MineHub added.

Scope 3 emission sources include emissions both upstream and downstream of a company's activities, which can make tracking and provenance difficult to achieve because they require a shared data system across the supply chain.

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.

MineHub said it is also integrating with partners to further increase the breadth and depth of ESG-related data and certifications that users want to provide or need to verify as part of their ESG compliance and tracking needs.

MineHub was launched in 2019 with the goal of improving efficiency, transparency and security in trading operations and in environmental and social governance (ESG) compliance in the mining and metals supply chains.

It is being used by a number of companies including the BHP Group and Vale, each of which have used it separately to trade iron ore with steel producer China Baowu Steel Group.

MineHub Technologies, which recently listed on Canada's TSX Venture Exchange, has been rolling out additional functionality to its platform, mostly recently launching a [digital assay application](#) for base metals concentrates.

Seaborne iron ore prices increase further amid positive outlooks

By Alice Li - Tuesday 07 December

Seaborne iron ore prices increased sharply on Tuesday December 7 due to bullish outlooks for the ferrous industry amid a cut in the reserve requirement ratio (RRR), market participants told Fastmarkets.

Fastmarkets iron ore indices

62% Fe fines, cfr Qingdao: \$111.34 per tonne, up \$8.51 per tonne

62% Fe low-alumina fines, cfr Qingdao: \$112.52 per tonne, up \$9.03 per tonne
58% Fe fines high-grade premium, cfr Qingdao: \$85.49 per tonne, up \$7.98 per tonne

65% Fe Brazil-origin fines, cfr Qingdao: \$127.20 per tonne, up \$9.40 per tonne

63% Fe Australia-origin lump ore premium, cfr Qingdao: \$0.1550 per dry metric tonne unit (dmtu), up \$0.0150 per dmtu

62% Fe fines, fot Qingdao: 720 yuan per wet metric tonne (implied 62% Fe China Port Price: \$103.75 per dry tonne), up by 33 yuan per wmt

Key drivers

The most-traded May iron ore futures contract on the Dalian Commodity Exchange increased on Tuesday and ended up by 7.1% from Monday's closing price of 615.50 yuan (\$97) per tonne.

The iron ore forward-month swap contracts on the Singapore Exchange increased on Tuesday. By 6:20 pm Singapore time, the most-traded December contract was up by \$8.25 per tonne, compared with Monday's settlement price of \$104.1 per tonne.

The RRR cut by 50 basis points in China supported the iron ore futures market, according to a statement from the People's Bank of China (PBOC) on Monday.

The cut, effective on December 15, will release a total of 1.2 trillion yuan (\$188.4 billion) in long-term funds, added by PBOC.

Market sources expect the new policy to provide more monetary liquidity for enterprises in the steel and downstream market, which could support steel demand and iron ore prices in the long term.

Most traders in the portside market increased iron ore offers by about 40-50 yuan on Tuesday but oversupply at ports remains, with mills procuring on a demand basis, a Shandong-based trader source said.

The premium level based on average month index for seaborne iron ore stayed largely stable - or even decreased - although the futures market increased sharply due to the seasonal demand slowdown, a mill source from south China said.

Quote of the day

"This [RRR cut] has lent support to financial trading houses which contributed to the strong upward trend for both the front-month swaps on the SGX and Chinese iron ore futures on the DCE," a Singapore-based trader said.

Trades/offers/bids heard in the market

BHP, Globalore, 80,000 tonnes of 62.5% Fe Newman Blend lump, traded at the January average of a 62% Fe index on a fob Australia basis, plus a lump premium of \$0.1650 per dry metric tonne unit (dmtu), laycan January 1-10.

Vale, Globalore, 170,000 tonnes of 62% Fe Brazilian Blend fines, offered at \$113.30 per tonne cfr China, laycan December 31-January 9.

Globalore, 180,000 tonnes of 65% Fe Iron Ore Carajas fines, offered at \$126.80 per tonne cfr China, December arrival.

Globalore, 90,000 tonnes of 62.5% Fe Newman Blend lump, offered at the January average of a 62% Fe index on a fob Australia basis, plus a lump premium of \$0.1400 per dmtu, laycan December 11-20.

Globalore, 70,000 tonnes of 62.5% Fe Pilbara Blend lump, offered at the January average of a 62% Fe index plus a lump premium of \$0.3000 per dmtu, January arrival.

Market participant indications

Fastmarkets index for iron ore 62% Fe fines

Pilbara Blend fines: \$105 -113 per tonne cfr China
Brazilian Blend fines: \$109 - \$113 per tonne cfr China

Newman fines: \$109.47-111.84 per tonne cfr China
Mac fines: \$101.48-101.97 per tonne cfr China
Jimblebar fines: \$90.62 95.31 per tonne cfr China

Fastmarkets index for iron ore 65% Fe Brazil-origin fines
Iron Ore Carajas: \$121.50-130.50 per tonne cfr China

Port prices

Pilbara Blend fines were traded at 695-740 yuan per wmt in Shandong province and Tangshan city on Tuesday, compared with 664-670 yuan per wmt on Monday.

The latest range is equivalent to about \$100-107 per tonne in the seaborne market.

Dalian Commodity Exchange

The most-traded May iron ore futures contract closed at 659.50 yuan (\$104) per tonne on Tuesday, up by 44 yuan per tonne from Monday's closing price.

Alex Theo in Singapore contributed to this article.

Daily indices price table

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0009	Iron ore 65% Fe Brazil-origin fines, cfr Qingdao, \$/tonne	07 Dec 2021	127.2	7.98%	Nov 2021	110.92
MB-IRO-0144	Iron ore 62% Fe low-alumina fines, cfr Qingdao, \$/tonne	07 Dec 2021	112.52	8.73%	Nov 2021	96.26
MB-IRO-0008	Iron ore 62% Fe fines, cfr Qingdao, \$/tonne	07 Dec 2021	111.34	8.28%	Nov 2021	95.32
MB-IRO-0017	Iron ore 58% Fe fines high-grade premium index, cfr Qingdao, \$/tonne	07 Dec 2021	85.49	10.30%	Nov 2021	68.05
MB-IRO-0016	Iron ore 58% Fe fines high-grade premium, cfr Qingdao, \$/tonne	07 Dec 2021	17	21.43%	Nov 2021	8.62
MB-IRO-0015	Iron ore 58% Fe fines, cfr Qingdao, \$/tonne	07 Dec 2021	68.49	7.84%	Nov 2021	59.43
MB-IRO-0010	Iron ore 63% Fe Australia-origin lump ore premium, cfr Qingdao, US cents/dmtu	07 Dec 2021	15.5	10.71%	Nov 2021	14.1
MB-IRO-0022	Iron ore 62% Fe fines, fot Qingdao, \$/tonne conversion	07 Dec 2021	103.75	5.10%	Nov 2021	93.49
MB-IRO-0011	Iron ore 62% Fe fines, fot Qingdao, yuan/wet tonne	07 Dec 2021	720	4.80%	Nov 2021	653.1
MB-IRO-0076	Iron ore product differential - 62% Fe Pilbara Blend Fines, cfr Qingdao, \$/tonne	07 Dec 2021	(1.26)		Nov 2021	(1.2)
MB-IRO-0114	Iron ore 62% Fe Pilbara blend fines, cfr Qingdao, \$/tonne	07 Dec 2021	110.08	8.38%	Nov 2021	94.12

Weekly and monthly indices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0012	Iron ore 65% Fe blast furnace pellet, cfr Qingdao, \$/tonne	03 Dec 2021	168.35	1.35%	Nov 2021	165.99
MB-IRO-0013	Iron ore 66% Fe concentrate, cfr Qingdao, \$/tonne	03 Dec 2021	122.2	4.63%	Nov 2021	113.44
MB-IRO-0077	Iron ore DR-grade pellet premium to 65% Fe fines index, Middle East reference, \$/tonne	30 Nov 2021	50	0.00%	Nov 2021	50
MB-IRO-0177	Iron ore pellet premium over 65% Fe fines, cfr China, \$/tonne	03 Dec 2021	49.7	-1.39%	Nov 2021	52.63

Weekly value-in-use indices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0021	Iron ore 62% Fe fines, % Al ₂ O ₃ VIU, cfr Qingdao, \$/tonne	07 Dec 2021	(6.16)		Nov 2021	(6.27)
MB-IRO-0018	Iron ore 62% Fe fines, % Fe VIU, cfr Qingdao, \$/tonne	07 Dec 2021	2.08	0.00%	Nov 2021	1.9
MB-IRO-0020	Iron ore 62% Fe fines, % Si VIU, cfr Qingdao, \$/tonne	07 Dec 2021	(4.93)		Nov 2021	(4.97)
MB-IRO-0024	Iron ore 62% Fe fines, 0.01% P VIU, cfr Qingdao, \$/tonne	07 Dec 2021	(0.83)		Nov 2021	(0.85)
MB-IRO-0019	Iron ore 65% Fe fines, % Fe VIU, cfr Qingdao \$/tonne	07 Dec 2021	2.1	0.00%	Nov 2021	2.16

Ferro-alloy markets

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

Bulk ores & alloys news

UG2 prices continue upward trend; ferro-chrome loses steam

By Chris Kavanagh, Sybil Pan, Claire Patel-Campbell - Tuesday 07 December

Key data from Fastmarkets' ferro-chrome pricing sessions in China, Europe and the United States in the week ended Tuesday December 7.

GLOBAL FERRO-CHROME AND CHROME ORE PRICES			
	New price	Previous price	% Change
Ferro-chrome high carbon 6-8.5% C, basis 60-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	1.72-1.90	1.75-1.90	▼1.09
Ferro-chrome, high carbon, 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	1.72-1.90	1.75-1.90	▼1.09
Ferro-chrome, high carbon, 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, \$/lb Cr	1.44-1.50	1.48-1.54	▼2.65
Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, \$/lb	2.00-2.20	2.00-2.20	0.00
Ferro-chrome 50% Cr import, cif main Chinese ports, \$/lb contained Cr	1.18	1.23	▼4.07
Ferro-chrome high carbon 57-65% Cr, cif dup Japan, \$/lb	1.25-1.28	1.29-1.32	▼3.05
Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, \$/lb	1.23-1.25	1.28-1.31	▼4.62
Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	9,200-9,400	9,400-9,800	▼3.13
Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, \$/lb	1.93	1.93	0.00
Chrome ore South Africa UG2 concentrates index basis 42%, cif China, \$/tonne	170	162	▲4.94
Chrome ore Turkish lumpy 40-42%, cif main Chinese ports, \$/tonne	280-305	280-300	▲0.86

Source: Fastmarkets

China

- The UG2 chrome ore market continued to rise following improved operating rates in northern China, in addition to concerns about interrupted shipments from South Africa due to the omicron variant of Covid-19, along with global logistics issues.
- Declining December tender prices from major stainless steel mills, alongside a weaker demand outlook due to production cuts in the stainless steel sector, weighed on sentiment in the domestic ferro-chrome market.
- The charge chrome import market followed the domestic market lower amid low liquidity, falling another 5 cents to \$1.18 per lb from \$1.23 per lb previously.
- Turkish lumpy chrome ore markets rose slightly amid high container prices and solid demand.

Japan and South Korea

- Ferro-chrome import prices in both markets trended downward, in line with the price decline in China.
- Liquidity was limited due to tepid spot demand, while Indian sellers noted tight availability amid production constraints and previous bookings to China and European countries.

Europe

- A number of market participants noted a generally softer market for high-carbon ferro-chrome, with destocking activity expected in the coming days heading toward year end, causing the price range to widen downward.
- Low-carbon ferro-chrome prices also softened, with participants continuing to focus on finalizing long-term contracts.
- Spot deals were noted across the range, but the market's future direction remained hazy with some participants pointing to low demand.
- Meanwhile, demand for cars is reportedly expected to remain high into 2022, which could provide support amid rising stainless steel requirements, alongside ongoing issues over freight and energy costs in addition to limited supply.

United States

- The US high-carbon ferro-chrome market was steady this past week amid limited spot trading activity.
- Limited availability of stocks have helped prop up pricing while spot demand remains dormant.
- Market participants suspect prices will continue to hold up for the near term due to the current supply situation.

Delayed publication of chrome index, ferro-chrome price assessments

By Cristina Belda - Tuesday 07 December

The publication of Fastmarkets' UG2 chrome ore concentrates index and ferro-chrome benchmark indicator - as well as the price assessments for chrome ore and ferro-chrome - were delayed on Tuesday December 7 because of an error in the approval process.

Fastmarkets published the chrome index and ferro-chrome prices later than 3pm due to an approval error. The Fastmarkets price book and database have both since been updated.

The affected prices are:

MB-CHO-0003 chrome ore South Africa UG2/MG concentrates index, cif China, \$ per tonne

MB-FEC-0019 ferro-chrome, lumpy Cr, benchmark indicator, charge basis 52% (and high carbon), Europe, \$ per lb

MB-CHO-0002 chrome ore, Turkish lumpy, 40-42%, cif main Chinese ports, \$ per tonne

MB-FEC-0011 ferro-chrome, 50% Cr, import, cif main Chinese ports, \$ per lb contained Cr

MB-FEC-0004 ferro-chrome, high carbon, 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, \$ per lb Cr

MB-FEC-0021 ferro-chrome, high carbon, 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, \$ per lb Cr

For more information, or to provide feedback on the delayed publication of these indices and prices, or if you would like to provide price information by becoming a data submitter to these indices and prices, please contact Claire Patel-Campbell by email at: pricing@fastmarkets.com. Please add the subject heading 'FAO: Claire Patel-Campbell, re: UG2 chrome ore index.'

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

Reminder of discontinuation of 60-70% Cr high-carbon ferro-chrome assessment

By Jon Stibbs, Claire Patel-Campbell - Tuesday 07 December

Fastmarkets will complete the phasing-out of its price assessment for 60-70% Cr high-carbon ferro-chrome at the end of 2021 in favor of two new ferro-chrome price assessments.

These will assess prices for ferro-chrome, high carbon, 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, and ferro-chrome, high carbon, 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe. Both will be evaluated in \$ per lb Cr.

Since the two new ferro-chrome prices were launched in October 2020, Fastmarkets has applied all data that would formerly have fallen into its assessment for ferro-chrome high carbon 6-8.5% C, basis 60-70% Cr, max 1.5% Si, delivered Europe, into the new assessments, following consultation with the market.

The phasing-out process will be completed at the end of this year, with discontinuation of the assessment for ferro-chrome, high carbon 6-8.5% C, basis 60-70% Cr, max 1.5% Si, delivered Europe.

All liquidity that would have been in that assessment has been included in the two newer prices since October 2021.

For example, a trade for 50 tonnes for 63% ferro-chrome with 1.5% silicon would be included in the price assessment for ferro-chrome, high carbon, 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe.

The specifications of the continuing prices are as follows:

MB-FEC-0020 Ferro-chrome, high carbon, 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, \$ per lb Cr

Quality: Lump, Cr 60-64.9%, C 6-8.5%, Si 3% max

Quantity: Min 24 tonnes

Location: cif major European ports (other incoterms will be normalized)

Unit: USD per lb of chrome contained

Payment terms: 30 days, other payment terms normalized

Publication: Weekly, Tuesday, 2-3pm London time.

MB-FEC-0021 Ferro-chrome, high carbon, 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, \$ per lb Cr

Quality: Lump, Cr 65-70%, C 6-8.5%, Si 1.5%

Quantity: Min 24 tonnes

Location: Delivered consumer works Europe (other incoterms will be normalized)

Unit: USD per lb of chrome contained

Payment terms: 30 days, other payment terms normalized

Publication: Weekly, Tuesday, 2-3pm London time.

If you have any comments on the discontinuation of this price, or if you would like to provide price information by becoming a data submitter to the continuing prices, please contact Claire Patel-Campbell by email at: pricing@metalbulletin.com. Please add the subject heading 'FAO: Claire

Patel-Campbell, re: high carbon ferro-chrome.'

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

Chrome ore

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CHO-0003	Chrome ore South Africa UG2/MG concentrates index, cif China, \$/tonne	07 Dec 2021	170	4.94%	Nov 2021	157.6
MB-CHO-0002	Chrome ore Turkish lump 40-42%, cfr main Chinese ports, \$/tonne	07 Dec 2021	280 - 305	0.86%	Nov 2021	280 - 300

Ferro-chrome

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEC-0012	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, \$/lb	02 Dec 2021	2 - 2.2	0.00%	Nov 2021	
MB-FEC-0004	Ferro-chrome high carbon 6-8.5% C, basis 60-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	07 Dec 2021	1.72 - 1.9	-1.09%	Nov 2021	1.73 - 1.87
MB-FEC-0001	Ferro-chrome low phosphorous, min 65% Cr, max 0.015% P, delivered Europe, \$/lb	07 Dec 2021	1.77 - 1.98	-0.53%	Nov 2021	1.79 - 1.97
MB-FEC-0017	Ferro-chrome high carbon 57-65% Cr, cif dup Japan, \$/lb	02 Dec 2021	1.25 - 1.28	-3.05%	Nov 2021	1.31 - 1.35
MB-FEC-0018	Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, \$/lb	02 Dec 2021	1.23 - 1.25	-4.62%	Nov 2021	1.29 - 1.33
MB-FEC-0021	Ferro-chrome high carbon 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	07 Dec 2021	1.72 - 1.9	-1.09%	Nov 2021	1.73 - 1.87
MB-FEC-0020	Ferro-chrome high carbon 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, \$/lb Cr	07 Dec 2021	1.44 - 1.5	-2.65%	Nov 2021	1.48 - 1.54
MB-FEC-0011	Ferro-chrome 50% Cr import, cif main Chinese ports, \$/lb contained Cr	07 Dec 2021	1.18	-4.07%	Nov 2021	1.29
MB-FEC-0006	Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	07 Dec 2021	9200 - 9400	-3.13%	Nov 2021	9860 - 10300
MB-FEC-0005	Ferro-chrome contract 6-8% C, basis 50% Cr, ddp China, yuan/tonne	07 Dec 2021	9400 - 9600	-8.61%	Nov 2021	10193 - 10495
MB-FEC-0019	Ferro-chrome lump Cr benchmark indicator, charge basis 52% (and high carbon), Europe, \$/lb	07 Dec 2021	1.93	0.00%	Nov 2021	1.92
MB-FEC-0016	Ferro-chrome lump Cr charge quarterly, basis 52% Cr (and high carbon), delivered Europe, \$/lb Cr (rounded to the closest 2 decimal places)	01 Oct 2021	1.8	15.38%	Nov 2021	1.8
MB-FEC-0014	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, \$/lb	02 Dec 2021	3.65 - 3.75	0.00%	Nov 2021	
MB-FEC-0013	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, \$/lb	02 Dec 2021	3.8 - 3.85	0.00%	Nov 2021	
MB-FEC-0015	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, \$/lb	02 Dec 2021	3.55 - 3.6	0.00%	Nov 2021	
MB-FEC-0003	Ferro-chrome 0.10% C, average 65-70% Cr, delivered Europe, \$/lb Cr	07 Dec 2021	3.6 - 4.25	-4.84%	Nov 2021	3.9 - 4.17
MB-FEC-0002	Ferro-chrome low carbon, 65% Cr, max 0.06% C, delivered Europe, \$/lb Cr	07 Dec 2021	3.64 - 4.29	-4.80%	Nov 2021	3.94 - 4.23

Manganese ore

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MNO-0002	Manganese ore 37% Mn, fob Port Elizabeth, \$/dmtu	03 Dec 2021	3.24	-6.36%	Nov 2021	3.47
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, \$/dmtu	03 Dec 2021	5.61	1.08%	Nov 2021	5.66
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, \$/dmtu	03 Dec 2021	4.59	-2.55%	Nov 2021	4.79
MB-MNO-0004	Manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin China, yuan/dmtu	03 Dec 2021	33.8	0.00%	Nov 2021	34.53
MB-MNO-0005	Manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin China, yuan/dmtu	03 Dec 2021	42.7	-0.23%	Nov 2021	43.65

Ferro-manganese

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEM-0007	Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	03 Dec 2021	7000 - 7100	-4.08%	Nov 2021	8475 - 8675
MB-FEM-0006	Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	03 Dec 2021	1750 - 1850	-2.70%	Nov 2021	1825 - 1975
MB-FEM-0002	Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	02 Dec 2021	315 - 320	0.00%	Nov 2021	315 - 320
MB-FEM-0004	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, \$/lb	02 Dec 2021	2.25 - 2.3	0.00%	Nov 2021	
MB-FEM-0003	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, US cents/lb	02 Dec 2021	225 - 230	0.00%	Nov 2021	225 - 230
MB-FEM-0001	Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, \$/long ton	02 Dec 2021	2600 - 2650	0.00%	Nov 2021	2600 - 2650

Silico-manganese

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SIM-0001	Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	03 Dec 2021	7800 - 8000	-3.07%	Nov 2021	8550 - 8950
MB-SIM-0004	Silico-manganese 65% Mn min, min 16% Si, fob India, \$/tonne	03 Dec 2021	1500 - 1550	0.00%	Nov 2021	1631.25 - 1725
MB-SIM-0002	Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	03 Dec 2021	1700 - 1800	-4.11%	Nov 2021	1812.5 - 1975
MB-SIM-0005	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, \$/lb	02 Dec 2021	1.2 - 1.25	0.00%	Nov 2021	
MB-SIM-0003	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, US cents/lb	02 Dec 2021	120 - 125	0.00%	Nov 2021	120 - 125

Ferro-silicon

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FES-0003	Ferro-silicon 75% Si, in-whs Pittsburgh, \$/lb	02 Dec 2021	3.3 - 3.4	0.00%	Nov 2021	
MB-FES-0005	Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	03 Dec 2021	3500 - 3800	-7.59%	Nov 2021	4000 - 4300
MB-FES-0004	Ferro-silicon 75% Si min export, fob China, \$/tonne	01 Dec 2021	2100 - 2200	-2.27%	Nov 2021	2575 - 2775
MB-FES-0001	Ferro-silicon 75% Si min, in-whs China, yuan/tonne	01 Dec 2021	9500 - 10000	0.00%	Nov 2021	11000 - 11875

Molybdenum/ferro-molybdenum

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MO-0001	Molybdenum canned molybdic oxide, in-whs Pittsburgh, \$/lb	02 Dec 2021	18.75 - 19.5	0.00%	Nov 2021	18.88 - 19.75
MB-FEO-0003	Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, \$/lb Mo	03 Dec 2021	18.95 - 19.2	0.26%	Nov 2021	19.06 - 19.31
MB-FEO-0004	Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, \$/lb	03 Dec 2021	18.2 - 18.6	-0.54%	Nov 2021	18.51 - 18.71
MB-FEO-0002	Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, \$/lb	02 Dec 2021	20.5 - 21.5	-3.45%	Nov 2021	21.63 - 22.6
MB-FEO-0001	Ferro-molybdenum 65% Mo min, in-whs Rotterdam, \$/kg Mo	03 Dec 2021	43 - 44.5	0.00%	Nov 2021	43.88 - 45.07

Ferro-niobium/ferro-titanium

Symbol	Description	Date	Price	+/-	Month	Monthly Average
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Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FN-0001	Ferro-niobium 63-67% delivered consumer works, dp, Europe \$ per kg Nb	01 Dec 2021	44.5 - 46	0.56%	Nov 2021	44 - 46
MB-FET-0001	Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, \$/kg Ti	01 Dec 2021	7.7 - 8.2	0.00%	Nov 2021	7.7 - 8.2
MB-FET-0002	Ferro-titanium 68-72% Ti, ex-whs US, \$/lb	02 Dec 2021	3.6 - 3.85	0.00%	Nov 2021	3.6 - 3.83

Tungsten/ferro-tungsten

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-W-0001	Tungsten APT 88.5% WO3 min cif Rotterdam and Baltimore duty-free, \$/mtu WO3	03 Dec 2021	320 - 325	0.00%	Nov 2021	320 - 325
MB-W-0003	Tungsten APT 88.5% WO3 min, fob main ports China, \$/mtu WO3	01 Dec 2021	313 - 319	0.00%	Nov 2021	313.5 - 319
MB-W-0002	Tungsten concentrate 65% WO3, in-whs China, yuan/tonne	01 Dec 2021	105500 - 106000	0.00%	Nov 2021	109375 - 110750
MB-FEU-0001	Ferro-tungsten basis 75% W, in-whs dup Rotterdam, \$/kg W	03 Dec 2021	37 - 38.5	-0.66%	Nov 2021	36.75 - 38.26
MB-FEU-0003	Ferro-tungsten export, min 75% fob China, \$/kg W	01 Dec 2021	38 - 40	0.00%	Nov 2021	38.13 - 40

Vanadium pentoxide/ferro-vanadium

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-V-0001	Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5	03 Dec 2021	8.5 - 9	6.06%	Nov 2021	7.75 - 8.5
MB-V-0002	Vanadium pentoxide 98% V2O5 min, fob China, \$/lb V2O5	02 Dec 2021	8.55 - 8.69	-4.01%	Nov 2021	8 - 8.12
MB-V-0004	Vanadium pentoxide 98% V2O5 min, exw China, yuan/tonne	02 Dec 2021	120000 - 122000	-4.35%	Nov 2021	112750 - 114500
MB-FEV-0002	Ferro-vanadium 70-80% V, in-whs Pittsburgh, \$/lb	02 Dec 2021	14.9 - 15.25	0.00%	Nov 2021	14.78 - 15.13
MB-FEV-0001	Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, \$/kg V	03 Dec 2021	32 - 33	-0.31%	Nov 2021	31.96 - 33.06
MB-FEV-0003	Ferro-vanadium 78% V min, fob China, \$/kg V	02 Dec 2021	36.71 - 37.32	-2.32%	Nov 2021	33.98 - 35.05

Copper raw materials

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

Copper concentrate news

MineHub adds carbon tracking, ESG compliance to digital platform

By Andrea Hotter - Tuesday 07 December

MineHub Technologies has launched a way for the mining and metals supply chain to digitalize the administration, certification and reporting of environmental, social and governance (ESG) credentials - including direct and indirect carbon emissions - related to the products they sell, buy and finance, the blockchain technology platform said.

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

Arnoud Star Busmann, MineHub's chief executive officer, said that almost every conversation the company has with customers and prospective users inevitably includes a reference to ESG disclosure and tracking.

"This new solution is an integral part of the MineHub vision and is now an urgent requirement - both for the world and for individual companies," he said.

"This first release of the ESG solution will immediately start helping companies on their ESG journey and can actually be used well beyond mining and metals, in any supply chain," he added.

According to MineHub, the solution is integrated with the core MineHub platform and allows users to capture and administer ESG credentials, including the emissions intensity of their brands and products. This means the certified ESG data is automatically included in the transaction data sets related to the sale, purchase or financing of products, it said.

It also allows users to automate the accounting and reporting of Scope 3 emissions because they connect their suppliers and customers to the MineHub platform, in addition to requesting and recording third party certification of their ESG credentials, MineHub added.

Scope 3 emission sources include emissions both upstream and downstream of a company's activities, which can make tracking and provenance difficult to achieve because they require a shared data system across the supply chain.

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.

MineHub said it is also integrating with partners to further increase the breadth and depth of ESG-related data and certifications that users want to

provide or need to verify as part of their ESG compliance and tracking needs.

MineHub was launched in 2019 with the goal of improving efficiency, transparency and security in trading operations and in environmental and social governance (ESG) compliance in the mining and metals supply chains.

It is being used by a number of companies including the BHP Group and Vale, each of which have used it separately to trade iron ore with steel producer China Baowu Steel Group.

MineHub Technologies, which recently listed on Canada's TSX Venture Exchange, has been rolling out additional functionality to its platform, mostly recently launching a [digital assay application](#) for base metals concentrates.

China trade data supports LME base metals

By Justin Yang - Tuesday 07 December

Base metals on the London Metal Exchange had an upbeat open on Tuesday December 7, supported by market expectations of a stabilizing economy in China.

China eased its monetary policy by cutting its reserve requirement rate (RRR) by 0.5% to 8.4% overnight before Monday's open, and trade data from the country showed imports grew 31.7% in November compared with the same time last month.

"The Chinese RRR cut, the good Chinese trade data and the rebound in iron ore prices are also supportive factors," Fastmarkets' head of base metals and battery research William Adams said.

Zinc led the base metals in gains, trading at \$3,234 per tonne, up by 2.2% from \$3,162.50 per tonne on Monday's close.

Nickel also had a strong open, trading at \$20,110 per tonne, up from Monday's close of \$19,820 per tonne.

Trade data from China, the world's largest copper consumer, showed the country imported 510,402 tonnes of unwrought copper and copper materials in November, up from 410,541.3 tonnes in October.

"The good Chinese trade data that was published [on Tuesday] appears to be helping to only a limited extent. Overall, Chinese imports in November were considerably up on the same month last year and higher than anticipated," analyst at Commerzbank Daniel Briesemann said.

Copper broke the \$9,600-per-tonne level on Tuesday, trading at \$9,606 per tonne during the open and up from \$9,505 per tonne on Monday's close.

Other highlights

Aluminium increased to \$2,620 per tonne Tuesday, up from \$2,588 per tonne during Monday's close.

Key copper raw materials prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0287	Copper concentrates TC index, cif Asia Pacific, \$/tonne	03 Dec 2021	57.4	1.06%	Nov 2021	57.48
MB-CU-0288	Copper concentrates RC index, cif Asia Pacific, US cents/lb	03 Dec 2021	5.74	1.06%	Nov 2021	5.75

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0409	Copper blister 98-99% RC annual benchmark, cif China, \$/tonne	22 Jan 2021	140 - 150	12.40%	Nov 2021	140 - 150
MB-CU-0408	Copper blister 98-99% RC spot, cif China, \$/tonne	30 Nov 2021	150 - 170	0.00%	Nov 2021	150 - 170
MB-CU-0512	No1 copper material, RCu-2A,1B (candy/berry), cif China, LME/Comex discount, US cents per lb	29 Nov 2021	9 - 13	-18.52%	Nov 2021	9 - 13
MB-CU-0360	No2 copper material, RCu-2B (birch/cliff), cif China, LME/Comex discount, US cents per lb	29 Nov 2021	24 - 28	-16.13%	Nov 2021	24 - 28
MB-CU-0422	Copper concentrates counterparty spread, \$/tonne	01 Dec 2021	10.45	-11.44%	Nov 2021	11.8
MB-CU-0423	Copper Concentrates Co-VIU, \$/tonne	01 Dec 2021	0.28		Nov 2021	(0.1)
MB-CU-0508	Copper concentrates TC implied smelters purchase, cif Asia Pacific, \$/tonne	03 Dec 2021	62.63	-0.11%	Nov 2021	63.38
MB-CU-0510	Copper concentrates RC implied smelters purchase, cif Asia Pacific, cents/lb	03 Dec 2021	6.26	-0.16%	Nov 2021	6.34
MB-CU-0509	Copper concentrates TC implied traders purchase, cif Asia Pacific, \$/tonne	03 Dec 2021	52.18	2.51%	Nov 2021	51.58
MB-CU-0511	Copper concentrates RC implied traders purchase, cif Asia Pacific, cents/lb	03 Dec 2021	5.22	2.55%	Nov 2021	5.16

Coking coal/coke markets

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

Coking coal/coke/PCI news

Seaborne coking coal fob prices up on rainfall and flooding in Queensland

By Min Li - Tuesday 07 December

Seaborne coking coal prices in the fob market rose on continuous wet weather in Queensland, while the cfr market remained quiet amid weak buying interest.

Fastmarkets indices

Premium hard coking coal, cfr Jingtang: \$357.45 per tonne, down \$2.52 per tonne

Hard coking coal, cfr Jingtang: \$329.84 per tonne, unchanged
 Premium hard coking coal, fob DBCT: \$337.96 per tonne, up \$1.73 per tonne
 Hard coking coal, fob DBCT: \$278.63 per tonne, up \$5.17 per tonne

In the fob market, seaborne coking coal prices increased on continuous wet weather in Queensland.

A steel mill source in India said on Tuesday that if supply issues in Australia continue, the seaborne premium hard coking coal price may hover around at \$340 per tonne fob Australia.

A trading source in Singapore saw higher bids on Globalcoal platform, he said on Tuesday.

In the coking coal hub of Queensland there is flooding in some areas, which may affect mining activity or transport, an Australia-based source said.

In the cfr market, the seaborne premium hard coking coal price decreased. A cargo of United States-origin premium hard coking coal was offered at \$490 per tonne cfr China, sources said, which was considered very high by market participants in China.

A trading source in Shanghai said the demand for seaborne premium hard coking coal is likely to improve after the 2022 Winter Olympics, which ends in late February.

Fastmarkets' weekly price assessment for CSR 65% coke, fob China was \$470-520 on Tuesday December 7, widening downward by \$10 per tonne week on week.

In domestic China, several coke producers in Inner Mongolia proposed a round of price increases of 100-120 yuan (\$16-19) per tonne on Monday, but the proposal was declined by steel mills, a trading source in Hebei province said. "Coke producers in Hebei may propose a round of price increase soon," he added.

A trading source in Beijing was negative about coke price increases. He said that it is possible that steel mills will propose coke price cuts because mills' production restrictions in north China are ongoing and demand is weak.

Dalian Commodity Exchange

The most-traded May coking coal futures contract closed at 2,040 yuan (\$319.88) per tonne on Tuesday, up by 110 yuan per tonne.

The most-traded May coke contract closed at 2,949 yuan per tonne, up by 105 yuan per tonne.

Coking coal/coke/PCI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-COA-0003	Premium hard coking coal, fob DBCT, \$/dmt	07 Dec 2021	337.96	0.51%	Nov 2021	370.57
MB-COA-0005	Premium hard coking coal, cfr Jingtang, \$/dmt	07 Dec 2021	357.45	-0.70%	Nov 2021	490.35
MB-COA-0004	Hard coking coal, fob DBCT, \$/dmt	07 Dec 2021	278.63	1.89%	Nov 2021	312.26
MB-COA-0002	Hard coking coal, cfr Jingtang, \$/dmt	07 Dec 2021	329.84	0.00%	Nov 2021	432.32
MB-COA-0001	Hard coking coal domestic China spot market, Shanxi-origin, delivered Tangshan, yuan/tonne	06 Dec 2021	2175 - 2620	-5.52%	Nov 2021	3169 - 3636
MB-COA-0008	PCI low-vol, fob DBCT, \$/dmt	03 Dec 2021	216.07	6.79%	Nov 2021	222.25
MB-COA-0007	PCI low-vol, cfr Jingtang, \$/dmt	03 Dec 2021	209.53	-2.09%	Nov 2021	235.64
MB-COA-0006	Coke 65% CSR, fob China, \$/tonne	07 Dec 2021	470 - 520	-1.00%	Nov 2021	573 - 601

Base metals premiums

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

Alumina index, aluminium premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ALU-0002	Alumina index, fob Australia, \$/tonne	07 Dec 2021	363.84	-0.05%	Nov 2021	406.8
MB-AL-0329	Aluminium P1020A premium, cif Taiwan, \$/tonne	30 Nov 2021	180 - 205	1.32%	Nov 2021	183.33 - 203.33
MB-AL-0001	Aluminium P1020A (MJP) quarterly premium, cif Japan, \$/tonne	05 Oct 2021	215 - 220	21.85%	Nov 2021	215 - 220
MB-AL-0343	Aluminium P1020A (MJP) spot premium, cif Japan, \$/tonne	07 Dec 2021	165 - 180	-1.43%	Nov 2021	173.33 - 183.33
MB-AL-0328	Aluminium P1020A premium, bonded in-whs, Shanghai, \$/tonne	30 Nov 2021	60 - 90	-48.28%	Nov 2021	60 - 90
MB-AL-0345	Aluminium P1020A premium, cif Shanghai, \$/tonne	30 Nov 2021	50 - 80	-51.85%	Nov 2021	50 - 80
MB-AL-0307	Aluminium P1020A premium, fca South Korea, \$/tonne	07 Dec 2021	175 - 185	-5.26%	Nov 2021	185 - 195
MB-AL-0344	Aluminium P1020A premium, cif South Korea, \$/tonne	07 Dec 2021	160 - 170	-5.71%	Nov 2021	170 - 180
MB-AL-0316	Aluminium P1020A premium, fca dp Italy, \$/tonne	07 Dec 2021	360 - 375	0.00%	Nov 2021	363 - 378
MB-AL-0346	Aluminium P1020A premium, in-whs dup Rotterdam, \$/tonne	07 Dec 2021	230 - 245	0.00%	Nov 2021	233.41 - 248.18
MB-AL-0004	Aluminium P1020A premium, in-whs dp Rotterdam, \$/tonne	07 Dec 2021	280 - 300	0.00%	Nov 2021	287.78 - 305.56
MB-AL-0319	Aluminium P1020A premium, fca dp Spain, \$/tonne	30 Nov 2021	365 - 375	0.00%	Nov 2021	368.33 - 380
MB-AL-0337	Aluminium P1020A premium, cif dup Turkey, \$/tonne	30 Nov 2021	265 - 280	0.00%	Nov 2021	283.33 - 296.67
MB-AL-0020	Aluminium P1020A premium, ddp Midwest US, US cents/lb	07 Dec 2021	25.5 - 28.5	0.00%	Nov 2021	29.67 - 31.89
MB-AL-0021	Aluminium P1020A premium, delivered Sao Paulo region, \$/tonne	30 Nov 2021	470 - 490	3.23%	Nov 2021	456.67 - 483.33
MB-AL-0022	Aluminium P1020A premium, cif dup Brazilian main ports, \$/tonne	30 Nov 2021	380 - 400	0.00%	Nov 2021	380 - 400
MB-AL-0381	Aluminium low-carbon differential P1020A, Europe, \$/tonne	03 Dec 2021	0 - 10	0.00%	Nov 2021	0 - 10
MB-AL-0377	Aluminium P1020A premium, in-whs dup Rotterdam, inferred low-carbon midpoint, \$/tonne	07 Dec 2021	242.5	0.00%	Nov 2021	245.52
MB-AL-0378	Aluminium P1020A premium, in-whs dp Rotterdam, inferred low-carbon midpoint, \$/tonne	07 Dec 2021	295	0.00%	Nov 2021	301.5

Copper premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0386	Copper grade A cathode premium, cif Taiwan, \$/tonne	30 Nov 2021	75 - 85	3.23%	Nov 2021	71.67 - 85
MB-CU-0405	Copper grade A cathode premium, in-whs Shanghai, \$/tonne	07 Dec 2021	85 - 105	0.00%	Nov 2021	87.23 - 104.36
MB-CU-0383	Copper grade A cathode ER premium, bonded in-whs Shanghai, \$/tonne	07 Dec 2021	95 - 105	0.00%	Nov 2021	95.82 - 104.36
MB-CU-0382	Copper grade A cathode SX-EW premium, bonded in-whs Shanghai, \$/tonne	07 Dec 2021	85 - 95	0.00%	Nov 2021	87.23 - 94.27
MB-CU-0403	Copper grade A cathode premium, cif Shanghai, \$/tonne	07 Dec 2021	78 - 96	0.00%	Nov 2021	82 - 97.95
MB-CU-0380	Copper grade A cathode ER premium, cif Shanghai, \$/tonne	07 Dec 2021	85 - 96	0.00%	Nov 2021	89.41 - 97.95
MB-CU-0384	Copper grade A cathode SX-EW premium, cif Shanghai, \$/tonne	07 Dec 2021	78 - 85	0.00%	Nov 2021	82 - 87.64
MB-CU-0399	Copper grade A cathode premium, cif Southeast Asia, \$/tonne	07 Dec 2021	80 - 90	0.00%	Nov 2021	80 - 90
MB-CU-0404	Copper grade A cathode premium, cif South Korea, \$/tonne	30 Nov 2021	75 - 85	0.00%	Nov 2021	75 - 85
MB-CU-0372	Copper grade A cathode premium, delivered Germany, \$/tonne	30 Nov 2021	80 - 90	-5.56%	Nov 2021	80 - 96.67
MB-CU-0406	Copper grade A cathode premium, cif Leghorn, \$/tonne	30 Nov 2021	75 - 90	-2.94%	Nov 2021	76.67 - 88.33

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Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0369	Copper grade A cathode premium, cif Rotterdam, \$/tonne	30 Nov 2021	45 - 55	-9.09%	Nov 2021	48.33 - 58.33
MB-CU-0002	Copper grade 1 cathode premium, ddp Midwest US, US cents/lb	07 Dec 2021	8 - 10	0.00%	Nov 2021	8 - 9.2
MB-CU-0411	Copper EQ cathode premium, cif Europe, \$/tonne	30 Nov 2021	20 - 45	0.00%	Nov 2021	20 - 45
MB-CU-0412	Copper EQ cathode premium, cif Shanghai, \$/tonne	30 Nov 2021	10 - 30	-27.27%	Nov 2021	16.67 - 33.33

Lead premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0084	Lead 99.97% ingot premium, cif Taiwan, \$/tonne	30 Nov 2021	100 - 115	0.00%	Nov 2021	100 - 115
MB-PB-0083	Lead 99.99% ingot premium, cif Taiwan, \$/tonne	30 Nov 2021	125 - 135	0.00%	Nov 2021	125 - 135
MB-PB-0087	Lead 99.97% ingot premium, cif India, \$/tonne	07 Dec 2021	50 - 130	-12.20%	Nov 2021	70 - 135
MB-PB-0086	Lead 99.99% ingot premium, cif India, \$/tonne	07 Dec 2021	140 - 150	0.00%	Nov 2021	140 - 150
MB-PB-0107	Lead 99.97% ingot premium, cif Southeast Asia, \$/tonne	07 Dec 2021	80 - 110	0.00%	Nov 2021	80 - 110
MB-PB-0108	Lead 99.99% ingot premium, cif Southeast Asia, \$/tonne	07 Dec 2021	125 - 145	-1.82%	Nov 2021	125 - 150
MB-PB-0099	Lead 99.99% ingot premium, delivered Midwest US, US cents/lb	07 Dec 2021	17 - 19	0.00%	Nov 2021	17 - 19
MB-PB-0006	Lead 99.97% ingot premium, ddp Midwest US, US cents/lb	07 Dec 2021	15 - 18	0.00%	Nov 2021	15 - 18

Tin premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SN-0038	Tin 99.9% ingot premium, cif Taiwan, \$/tonne	30 Nov 2021	300 - 400	0.00%	Nov 2021	316.67 - 416.67
MB-SN-0002	Tin 99.9% ingot premium, in-whs Rotterdam, \$ per tonne	30 Nov 2021	1100 - 1400	0.00%	Nov 2021	1133.33 - 1433.33
MB-SN-0029	Tin 99.9% low lead ingot premium, in-whs Rotterdam, \$/tonne	30 Nov 2021	1500 - 2000	0.00%	Nov 2021	1500 - 2000
MB-SN-0036	Tin 99.85% ingot premium, in-whs Baltimore, \$/tonne	30 Nov 2021	2000 - 2700	0.00%	Nov 2021	2100 - 2950
MB-SN-0011	Tin grade A min 99.85% ingot premium, ddp Midwest US, \$/tonne	30 Nov 2021	2200 - 2900	0.00%	Nov 2021	2291.67 - 3141.67

Zinc premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0116	Zinc SHG 99.995% ingot premium, cif Taiwan \$/tonne	30 Nov 2021	150 - 160	6.90%	Nov 2021	140 - 150
MB-ZN-0106	Zinc SHG min 99.995% ingot premium, cif Shanghai, \$/per tonne	07 Dec 2021	70 - 80	0.00%	Nov 2021	70 - 86
MB-ZN-0119	Zinc min 99.995% ingot premium, in-whs Shanghai, \$/tonne	07 Dec 2021	70 - 80	0.00%	Nov 2021	70 - 86
MB-ZN-0113	Zinc SHG 99.995% ingot premium, fca Singapore, \$/per tonne	30 Nov 2021	140 - 150	7.41%	Nov 2021	133.33 - 143.33
MB-ZN-0115	Zinc SHG 99.995% ingot premium, fca Malaysia, \$/per tonne	30 Nov 2021	140 - 150	7.41%	Nov 2021	133.33 - 143.33
MB-ZN-0093	Zinc SHG min 99.995% ingot premium, cif Southeast Asia, \$/tonne	30 Nov 2021	140 - 160	11.11%	Nov 2021	135 - 148.33
MB-ZN-0001	Zinc SHG min 99.995% ingot premium, dp fca Rotterdam, \$/tonne	07 Dec 2021	250 - 280	0.00%	Nov 2021	226 - 260
MB-ZN-0099	Zinc SHG min 99.995% ingot premium, dp fca Antwerp, \$/tonne	07 Dec 2021	250 - 280	0.00%	Nov 2021	226 - 260
MB-ZN-0103	Zinc SHG min 99.995% ingot premium, fca dp Italy, \$/tonne	30 Nov 2021	350 - 400	25.00%	Nov 2021	280 - 316.67
MB-ZN-0102	Zinc SHG min 99.995% ingot premium, ddp Italy, \$/per tonne	30 Nov 2021	400 - 450	28.79%	Nov 2021	320 - 366.67
MB-ZN-0005	Zinc SHG min 99.995% ingot premium, ddp Midwest US, US cents/lb	07 Dec 2021	15 - 19	6.25%	Nov 2021	13.2 - 16

Nickel premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0245	Nickel min 99.8% briquette premium, cif Shanghai, \$/tonne	30 Nov 2021	300 - 400	27.27%	Nov 2021	300 - 400
MB-NI-0143	Nickel min 99.8% full plate premium, in-whs Shanghai, \$/tonne	07 Dec 2021	340 - 360	0.00%	Nov 2021	340 - 362
MB-NI-0142	Nickel min 99.8% full plate premium, cif Shanghai, \$/tonne	07 Dec 2021	320 - 350	0.00%	Nov 2021	324 - 354
MB-NI-0003	Nickel uncut cathode premium, in-whs Rotterdam, \$/tonne	07 Dec 2021	70 - 90	0.00%	Nov 2021	58 - 81
MB-NI-0001	Nickel 4x4 cathode premium, in-whs Rotterdam, \$/tonne	07 Dec 2021	220 - 290	4.08%	Nov 2021	189 - 248
MB-NI-0002	Nickel briquette premium, in-whs Rotterdam, \$/tonne	07 Dec 2021	150 - 170	0.00%	Nov 2021	146 - 166
MB-NI-0240	Nickel 4x4 cathode premium, delivered Midwest US, US cents/lb	07 Dec 2021	55 - 60	0.00%	Nov 2021	54 - 60
MB-NI-0241	Nickel briquette premium, delivered Midwest US, US cents/lb	07 Dec 2021	75 - 90	6.45%	Nov 2021	62 - 84

Base metals warrant premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0334	Aluminium P1020A, warrant premium, in-whs East Asia, \$/tonne	01 Dec 2021	40 - 70	-15.38%	Nov 2021	50 - 80
MB-AL-0333	Aluminium P1020A warrant premium, in-whs Southeast Asia, \$/tonne	01 Dec 2021	40 - 70	-15.38%	Nov 2021	50 - 80
MB-AL-0338	Aluminium P1020A warrant premium, in-whs US, \$/tonne	01 Dec 2021	115 - 125	0.00%	Nov 2021	115 - 125
MB-CU-0398	Copper grade A cathode warrant premium, in-whs East Asia \$/tonne	01 Dec 2021	15 - 25	0.00%	Nov 2021	20 - 32.5
MB-CU-0397	Copper grade A cathode warrant premium, in-whs Southeast Asia, \$/tonne	01 Dec 2021	15 - 25	0.00%	Nov 2021	20 - 32.5
MB-CU-0400	Copper grade A cathode warrant premium, in-whs North Europe, \$/tonne	01 Dec 2021	5 - 10	0.00%	Nov 2021	5 - 10
MB-CU-0401	Copper grade A cathode warrant premium, in-whs South Europe, \$/tonne	01 Dec 2021	15 - 25	0.00%	Nov 2021	15 - 25
MB-CU-0377	Copper grade A cathode warrant premium, in-whs US, \$/tonne	01 Dec 2021	10 - 25	0.00%	Nov 2021	17.5 - 25
MB-PB-0106	Lead min 99.97% ingot warrant premium, in-whs East Asia \$/tonne	01 Dec 2021	5 - 20	0.00%	Nov 2021	5 - 20
MB-PB-0105	Lead min 99.97% ingot warrant premium, in-whs Southeast Asia \$/tonne	01 Dec 2021	5 - 20	0.00%	Nov 2021	5 - 20
MB-PB-0109	Lead 99.97% ingot warrant premium, in-whs North Europe, \$/tonne	01 Dec 2021	20 - 30	-16.67%	Nov 2021	12.5 - 32.5
MB-PB-0110	Lead 99.97% ingot warrant premium, in-whs South Europe, \$/tonne	01 Dec 2021	20 - 30	-16.67%	Nov 2021	20 - 32.5
MB-PB-0097	Lead 99.97% ingot warrant premium, in-whs US, \$/tonne	01 Dec 2021	20 - 30	0.00%	Nov 2021	20 - 30
MB-NI-0138	Nickel min 99.8% briquette warrant premium, in-whs Southeast Asia, \$/tonne	01 Dec 2021	50 - 60	0.00%	Nov 2021	43.75 - 57.5
MB-NI-0140	Nickel min 99.8% briquette warrant premium, in-whs East Asia, \$/tonne	01 Dec 2021	50 - 60	0.00%	Nov 2021	45 - 57.5
MB-NI-0137	Nickel min 99.8% full plate warrant premium, in-whs Southeast Asia, \$/tonne	01 Dec 2021	30 - 45	0.00%	Nov 2021	30 - 45
MB-NI-0139	Nickel min 99.8% full plate warrant premium, in-whs East Asia, \$/tonne	01 Dec 2021	30 - 40	0.00%	Nov 2021	30 - 40
MB-NI-0141	Nickel min 99.8% warrant premium, in-whs North Europe, \$/tonne	01 Dec 2021	30 - 130	-11.11%	Nov 2021	52.5 - 130
MB-SN-0042	Tin min 99.85% ingot warrant premium, in-whs South East Asia, \$/tonne	01 Dec 2021	50 - 150	0.00%	Nov 2021	50 - 150
MB-ZN-0117	Zinc SHG min 99.995% warrant premium, in-whs North Europe, \$/tonne	01 Dec 2021	80 - 100	0.00%	Nov 2021	80 - 100
MB-ZN-0104	Zinc SHG min 99.995% warrant premium, in-whs US, \$/per tonne	01 Dec 2021	10 - 15	0.00%	Nov 2021	10 - 15
MB-ZN-0123	Zinc SHG min 99.995% warrant premium, in-whs Southeast Asia, \$/tonne	01 Dec 2021	10 - 20	0.00%	Nov 2021	10 - 20