

## All metals news

Source: [dashboard.fastmarkets.com/m/da10775c-892f-445c-8859-684bd11352cd](https://dashboard.fastmarkets.com/m/da10775c-892f-445c-8859-684bd11352cd)

### Top stories

## Nucor buys Fort Myers shredding ops

By Lisa Gordon - Friday 01 October

Nucor Corp has confirmed its purchase of a St Louis, Missouri, shredding operation and announced its purchase of a Fort Meyers, Florida, shredding operation.

On October 4, Trademark Metals Recycling LLC (TMR), owned by Nucor, will close on its purchase of Garden Street Iron & Metal Inc in Fort Myers, Florida. The deal, subject to normal closing conditions, will bring the total number of TMR's facilities to 26.

"The Garden Street teammates are a welcome addition to the TMR/Nucor team and will seamlessly add to our strong presence in the Florida market," Brian Phillippi, TMR general manager, said.

In addition to the Garden Street purchase, the Charlotte, North Carolina, steelmaker confirmed that its Advantage Metals Recycling (AMR) division [purchased Grossman Iron & Steel on Thursday September 30](#), as reported by Fastmarkets.

The Grossman purchase brings the total number of AMR facilities to 12.

"We are pleased to welcome the Grossman teammates to the AMR/Nucor family. They are well positioned to support our growing steelmaking capacity along the Mississippi and Ohio river system," Mark Schaefer, AMR vice president and general manager, said.

"The addition of these new recycling locations, representing a 10% growth in capacity, is consistent with Nucor's growth strategy and demonstrates our commitment to expanding the regional recycling platforms supporting our steel mills," the steelmaker said.

## Four Turkish rebar producers slapped with CV duties

By Lisa Gordon - Friday 01 October

The United States Department of Commerce has issued final countervailing determinations on steel concrete reinforcing bar from Turkey following an administrative review, the agency said on Thursday September 30.

The department determined that rebar from Turkey was sold in the United States had received countervailable subsidies during the period of review from January 1, 2018, through December 31, 2018.

The following producers and exporters from Turkey were assigned countervailable subsidy rates of 1.82%:

- Kaptan Demir Celik Endustrisi ve Ticaret A.S. and Kaptan Metal Dis Ticaret ve Nakliyat A.S. and their cross-owned affiliates
- Colakoglu Dis Ticaret A.S.
- Colakoglu Metalurji A.S.

Icdas Celik Enerji Tersane ve Ulasim Sanayi A.S. and its cross-owned affiliates were assigned rates of 0.32%, which is *de minimis*.

Fastmarkets assessed the price of [steel rebar, import, loaded truck Port of Houston for immediate delivery](#) at \$940-960 per short ton (\$47-48 per hundredweight) on Wednesday September 29.

## US hot-rolled coil index dips below \$98/cwt

By Amy Hinton - Friday 01 October

Hot-rolled coil prices in the United States fell below \$98 per hundredweight, though market participants said that prices will remain around current levels for the remainder of the year.

Fastmarkets' daily [steel hot-rolled coil, index, fob mill US](#) was calculated at \$97.79 per cwt (\$1,955.80 per short ton) on Friday October 1, down by 0.30% from \$98.08 per cwt on Thursday September 30 and by 0.15% from \$97.94 per cwt one week earlier.

Fresh inputs were received across the producer and distributor sub-indices in a range of \$96.00-98.50 per cwt, constituting a deal, a mill offer and an assessment giving a general indicator of the current market level. An offer was carried over to the consumer sub-index from the previous day's session due to a lack of liquidity there. The high end of the range represents a deal reported by a distributor, and the low end an assessment from a producer.

### Heard in the market

Participants reported that increased material availability and a reduction in lead times for material were unlikely to dent prices with current levels thought to be sustainable until the end of 2021.

The Section 232 tariffs and planned mill outages in the fourth quarter of the year were cited as price-supportive factors, somewhat offset by the ongoing semiconductor chip shortages, which sources said showed no signs of abating.



### Quote of the day

"We've not done anything as we are busy closing out month and have nothing left for October orders. Based on conversations I am having with people they're saying that there is more availability in the market but doesn't appear that pricing has fallen off. Mills are still requesting these numbers so \$96-98 per cwt is kind of where we see the market, but we haven't sold," a producer source said.

*Lisa Gordon in Pittsburgh and Mark Shenk in New York contributed to this report.*

## Steel execs take aim at subsidy-backed mills

By Rijuta Dey Bera - Friday 01 October

**The continuation of protectionist measures such as Section 232 tariffs are necessary to create a "level playing field," since steel producers in Canada and the European Union receive government subsidies for decarbonization, unlike steelmakers in the United States that deploy their own capital, two major US steel producers said during a virtual roundtable.**

Major domestic producers including Cleveland-Cliffs, Nucor Corp and Steel Dynamics Inc (SDI) held a virtual roundtable alongside members of Congress and industry executives on Thursday September 30, putting forth arguments to support the continuation of Section 232 tariffs against EU imports.

Cleveland-Cliffs chairman, president and chief executive officer Lourenco Goncalves and SDI president and chief executive officer Mark Millett noted that Canadian producer [Algoma Steel received government funding](#) to support its [pivot to electric-arc furnace \(EAF\) steelmaking](#).

Additionally, both Millett and Goncalves said that Luxembourg-based ArcelorMittal, the world's largest steelmaker, has received outside funding, whereas steel producers in the US reinvest their own money in "green" steelmaking.

[ArcelorMittal secured a €280-million \(\\$327-million\) loan from the European Investment Bank](#) to support its decarbonization objectives, whereas Germany's federal government plans to fund €55 million (\$65 million) for the construction of the [first industrial-scale hydrogen direct-reduced iron \(DRI\) plant](#) at ArcelorMittal Hamburg steelworks.

"I have been calling China the enemy from 2016, but sometimes friends are worse than enemies," Goncalves said during the roundtable. "We invest our own money, whereas they invest government money."

The domestic producers agreed the huge jump in profits the US steel producers have seen this year was made partly possible by the implementation of the Section 232 tariffs in 2018, but said that [most US steelmakers have announced new plans](#) of modern steelmaking as a [result of those profits](#).

Thomas Conway, the leader of the United Steelworkers, the largest industrial union in North America, threw his support behind domestic steel producers, noting that mills operating at an [average capacity utilization rate of 85%](#) was the sign of a "healthy industry."

"This industry makes money once in a decade, and they plough it back in," Conway said.

The roundtable participants were also concerned that the EU may become a backdoor for Chinese steel exporters looking to circumvent prohibitory measures, especially since [the US price of steel products remain the highest](#) in the world, [attracting imports](#).

A recent presentation by Nucor showed that [US steel sheet imports have](#)

[decreased](#) to a 13% market share in 2020 from 19% in 2015.

The US Trade Representative and the US Department of Commerce aim to [reach an agreement with Europe regarding Section 232](#) of the Trade Expansion Act of 1962 by November 1.

The Section 232 tariffs - [which came into effect on March 23, 2018](#) - imposed a 25% tax on imported steel and 10% on imported aluminium.

The EU is suggesting the US impose [tariff-rate quotas on steel and aluminium imports](#) from the trading bloc, though the shift to tariff-rate quotas is not the only solution under consideration, sources have told Fastmarkets.

[The Biden administration may borrow from the United States-Mexico-Canada Agreement](#) trade pact playbook when it negotiates with the EU regarding the future of Section 232 tariffs, a Washington DC-based lobbying and government relations firm told Fastmarkets.

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

Fastmarkets' daily [steel hot-rolled coil index, fob mill US](#) was calculated at \$98.08 per cwt (\$1,961.60 per ton) on Thursday September 30.

The index reached an [all-time high of \\$98.25 per cwt](#) on both September 20 and 27.

## LITHIUM 2021: Key takeaways on chemistries, the role of governments, sustainability

By IM Staff, Davide Ghilotti - Friday 01 October

**Fastmarkets rounds up the key discussion points on lithium battery chemistries, sustainability and ESG from its Lithium 2021 conference that took place over September 20-22.**

### Lithium price spikes key to chemistries

The price of lithium will be key in determining battery chemistries, according to market participants. Sustained high prices would cause use to shrink, although few expect lithium to be replaced or for its use as a battery component to fall.

According to Prabhakar Patilformer, the chief executive officer of LG Chem Power and advisor to the battery industry, "[lithium ion will be the dominant technology](#)" for the electric vehicle (EV) market for the foreseeable future.

So while lithium-ion is set to keep its leading role in the sector, there is an open question as to which battery li-ion chemistry automakers will use, with the prices of lithium chemicals perceived as a key driver of strategies.

### The role of futures markets and governments

Future prices should help mitigate the persistent transfer of risk that has taken place in the lithium supply chain due to wild price fluctuations and fixed price contracts, according to one trade executive.

The recent volatility has not favored one side or the other but has made business difficult overall, the source said. In this sense, the development of futures markets for lithium products could act as a useful tool for all parts of the value chain, thereby reducing the risk profile of the industry.

At the same time, governments will have an important role to play in the industry to support the establishment of new supply flows.

To address a shortfall as severe as the one in lithium, government intervention will be necessary, one industry analyst said at the conference. This could be in

the form of tax incentives or direct support, as was the case in boosting US oil and gas production during the shale boom.

State action is needed also in light of the strategic role that lithium has at a geopolitical level, sources said.

### Reality supporting bullish sentiment for EVs

The transition to electric vehicles (EVs) is real and here to stay, providing fundamental support to the burgeoning lithium industry, panellists in Las Vegas said.

"Now that we're at a 10% penetration rate [of EVs], it's really clear that this is the direction in which consumers and the market are going," according to Jennifer Fung, head strategist at Pala Investments.

Attendees said the striking level of growth in production and sales for EVs in both the key markets of Asia and Europe suggests that the transition towards a future powered by electric transport is indeed in progress and not a temporary hype in corporate strategies and consumer choices.

### Lithium producers need to be mindful of ESG goals, sustainability

Given the increased scrutiny and the jurisdictions where they operate, lithium producers should conduct impact studies sooner rather than later. They can learn from past mistakes by other extractive industries, conference participants said.

Sustainability of the supply chain will also be a key concern for end users. Daniel Jimenez, partner at iLi Markets, called sustainability concerns "an enormous threat" to the adoption of EVs that use lithium.

### China seen as tough competitor in the technology race

Western companies will have a hard time keeping up the pace of innovation that the Chinese industry has shown over the past few years, according to some panellists.

"When it comes to innovations, nobody can beat the Chinese - they are far ahead of the rest of the world in terms of technology", Ken Hoffman, co-head of EV battery materials research at McKinsey & Company, said during a panel discussion on battery chemicals.

Hoffman gave as an example the nickel cobalt manganese (NCM) 811 battery, which in 2019 appeared already in 20% of Chinese EVs and for which growth in market share is predicted until 2025.

Other prospective developments are lithium metal solid-state batteries, which are under development at several companies including Ganfeng Lithium.

"It is a big challenge for Western companies to keep up, and Tesla has done a good job doing this," Hoffman said.

*Sofia Okun and Thorsten Schier contributed to this article.*

## Sec Al alloys soar to new highs on silicon gains

By Thorsten Schier - Friday 01 October

**Secondary aluminium alloy prices in the United States have soared due to sharp gains in silicon prices, and tight availability of the metal crucial to alloy production.**

"It's already having a huge impact on us," one US alloy producer said. **Tightness in silicon markets** has already led to alloy price spikes in Europe.

The price rise is pushing up costs, but could also potentially significantly increase demand. This is while Mexican alloy producers have reportedly had difficulty procuring silicon, meaning they could start buying finished product

from the US to cover the shortfall, the producer said. "The Mexican market is looking to the US to fill that void."

Fastmarkets assessed **silicon, ddp US** at \$2.25-2.50 per lb on Thursday September 30, up by 15.85% from \$1.85-2.25 per lb on September 24. Silicon started the year at \$1.05-1.10 per lb.

Fastmarkets assessed the price for benchmark **aluminium alloy A380.1, delivered Midwest** at \$1.22-1.26 per lb on September 30, up by 1-2 cents per lb from \$1.21-1.24 per lb the prior week and its highest level since August 2008.

Transactions were reported at \$1.25-1.26 per lb, and sources heard deals done as high as \$1.30 per lb. Some sources, however, still assessed the market as low as \$1.21 per lb.

One trader said silicon prices had risen sharply, but didn't think producers were buying spot material since demand hasn't been that strong due to the automotive chip shortage. "I got some recent releases from some of the auto guys we do business with, and they were at 35-40% of what they were at usually."

Prices for alloys with higher silicon content rose more sharply, particularly A413.1. Fastmarkets' **aluminium alloy A413.1, delivered Midwest** rose to \$1.51-1.56 per lb on Thursday, from \$1.46-1.48 per lb the week before. The **A360.1 assessment** rose to \$1.50-1.55 per lb from \$1.45-1.47 per lb in the same comparison.

The trader said he had heard of A413.1 being offered at \$1.55 per lb "before silicon jumped up," meaning prices could see further sharp increases.

The A413.1 alloy has between 11-13% silicon content, **per Fastmarkets' methodology**. A380.1 has between 7.5-9.5%.

There was talk in both the secondary alloy and primary aluminium markets of "silicon adders" - additional charges for silicon - being discussed because of the soaring prices.

China has significantly reduced supply, and **one US producer recently suffered a production disruption**.

SECONDARY ALUMINIUM ALLOYS (cents per lb)		
	09/30/2021	09/23/2021
A380.1	122-126	121-124
319.1	130-133	129-132
356.1	150-154	147-149
A360.1	150-155	145-147
A413.1	151-156	146-148

Source: Fastmarkets

## Fused alumina prices surge as reduced power availability prompts operation closures

By Davide Ghilotti, Sybil Pan - Friday 01 October

**Market prices for fused alumina mineral products surged over the past two weeks to Thursday September 30 because of severe power shortages in Chinese production areas that hit availability, while bauxite prices held firm again.**

Fastmarkets' assessments for brown fused (BFA) and white fused (WFA) alumina reached new highs after electricity constraints spread to heavily industrialized areas across China and led to extensive cuts to operating rates and the suspension of some operations.



Fastmarkets assessed [alumina, fused white, 25kg bags, cif Europe](#) at €875-950 (\$1,014-1,101) per tonne on September 30, up from €770-880 per tonne in the previous assessment. The price has risen by 28% since June.

The price assessment for [alumina, fused brown, min 95% Al<sub>2</sub>O<sub>3</sub>, refractory sized \(0-6mm\), fob China](#) rose further to \$795-835 per tonne on September 30 from \$780-800 per tonne in the previous assessment.

And the assessment for [alumina, fused brown, min 95% Al<sub>2</sub>O<sub>3</sub>, FEPA F8-220 grit, fob China](#) increased to \$850-890 per tonne from \$830-880 per tonne previously.

Both BFA grades are above the levels reached in 2018 at the height of the last bullish cycle.

"Anything that is fused has gone bananas in China," a European importer said. "Factories have stopped and there is no timeline for reopening. I think nothing will happen until after the Golden Week [national holiday]."

Most fused alumina capacity is under threat - the country's major production regions are affected by restricted electricity as well as rising power costs, according to sources.

In Henan province, a major production hub for both BFA and WFA, about 70-80% of output is suspended while cuts in BFA production in Guizhou province is reportedly down by 50-70%. In Chongqing city, power costs have increased by 14% on a monthly basis, adding to production costs.

One source in Guizhou was ordered to halt operations on the morning of September 30 until 8:00 pm local time, he told Fastmarkets.

"You'll never know when the shut-down order will be delivered. But once you get it, you have to stop," he added.

"Our processing plants in Tianjin City is on halt during the day while operations are only allowed at night," one trader in China said.

Two sources in Europe with operations in China also told Fastmarkets their plants - in Guizhou, Henan and Tianjin - were currently closed.

In Shandong, another production hub for WFA, the continuing electricity restrictions in the city of Chiping has already threatened the supply of WFA.

Tightening availability of lump material while Bayer alumina powder prices surge, caused by China's policies on power restrictions, added further support to the WFA market, [boosting the price a new record on a fob basis](#). Offers exceeded \$860 per tonne on September 30, up from \$785-795 per tonne only a fortnight ago, according to sources.

The latest Bayer alumina powder prices was reportedly around 3,850 yuan per tonne, up by more 1,000 yuan per tonne over a month.

Delivery of material has mostly been delayed for signed orders while most suppliers are tending to avoid making new orders given the uncertain production schedule.

The reduced power quotas imposed in Henan, Shandong and Guizhou are threatening the sustainable supply of fused alumina in China, according to sources.

"The market is going crazy, with the price changing on daily basis. We are not providing offers now and intend to stand on the sideline until things calm down," a producer in China said, "The inventory is at a minimum."

Two suppliers in Europe also claimed to be unable to offer new material because of the limited visibility on costs in China and because price validity is restricted

"You are given a price, and the day after it isn't valid any more. It's too risky right now," one said.

Traders also warned of the risk of reneges on signed contracts. Although this has been "commonplace" in the past months owing to the bullish price trend, according to three sources, the rumors could not be substantiated.

#### Bauxite still firm

Despite the supply chaos in the downstream fused alumina sector, calcined bauxite has held firm during the past fortnight, according to sources.

This could be due to relatively ample inventory in Shanxi despite the previous suspensions on environmental grounds.

Sources who spoke to Fastmarkets at the Aachen refractories conference in Germany this week said they had been able to source bauxite volumes without the same problems and price volatility evident in BFA or WFA.

"The price is still firm and volumes are there, while demand is strong," one trader said.

Another importer added: "It's surprising that bauxite isn't moving in the same way as fused materials but, come the winter months, we are likely to see more issues arising."

Some sources in China suggested a new mining operation in Shanxi province, with bauxite ore output of 20,000-30,000 tonnes per month, could boost supply once it reaches production. This, sources said, may be a factor in recent price stability.

The price of [bauxite, refractory-grade, 85%/2.0/3.15-3.2 \(0-6mm\), fob Xingang](#) was at \$420-430 per tonne on Thursday, [bauxite, refractory-grade, 86%/2.0/3.15-3.2 \(0-6mm\), fob Xingang](#) was at \$440-450 per tonne and [bauxite, refractory-grade, 87%/2.0/3.15-3.2 \(0-6mm\), fob Xingang](#) was at \$460-470 per tonne.

The price assessment for [bauxite, refractory-grade, 88%/2.0/3.15-3.2 \(0-6mm\), fob Xingang](#) also held at \$485-495 per tonne.

#### Logistics constraints in Q4

Meanwhile, logistics issues continue to constrain the export market. Sellers lament the delayed shipment schedules and port congestion at ports in China as well as overseas.

Sellers told Fastmarkets the timing to receive a quote for sea freight has extended to several days and in some cases "up to a week, and that's only to get a quote without lead time".

Shipping capacity is overstretched. The acute lack of containers has triggered increases in freight rates for bulk shipping, which are reportedly around \$120-130 per tonne for the China to Rotterdam route.

"It used to be \$60-70 per tonne end of last year; now it's twice that amount. It's still cheaper than shipping in containers but costs are rising fast," one trader said.

Container freight is between \$250 and \$350 per tonne.

Suppliers also warned of excessive pressures on vessel availability, with some sources suggesting lead times for new shipments are at two or three months at the least.

"Unless your cargo is already on the way, you won't find a ship for the next three-five months," one importer said. Another added that "nothing that you book now will set sail before December or January."

## Olympic Steel buys another specialty distributor

By Lisa Gordon - Friday 01 October

**Olympic Steel Inc has expanded its specialty metals footprint with the purchase of Shaw Stainless & Alloy, marking its fifth acquisition in four years.**

The Cleveland-headquartered service center and fabricator purchased the company in an all-cash deal, although the selling price was not disclosed.

The Powder Springs, Georgia-based Shaw is a full-line distributor of stainless



steel sheet, pipe, tube, bar and angles.

In addition, Shaw manufactures and distributes stainless steel bollards and water treatment systems. Aside from its headquarters, Shaw has other Georgia operations in Marietta, Hiram, and Albany.

Shaw will retain its name and its existing management team, including president Bryan Shaw.

"We are excited to quickly redeploy a portion of the proceeds from our recently announced sale of Detroit assets and operations. We expect higher-returning results from Shaw will replace the former Detroit earnings stream at a fraction of the investment," chief executive officer Richard Marabito said.

Olympic recently divested a Detroit operation for \$58.4 million.

Olympic has been open for years about its [strategy to grow its specialty metals business](#). Including the Shaw purchase, Olympic now operates 41 facilities in North America.

In December, the company [acquired Action Stainless & Alloys](#). In 2019, it purchased certain assets related to the manufacturing of the [EZ-Dumper](#) hydraulic dump as well as [McCullough Industries](#).

The company also [purchased Berlin Metals](#) in 2018.

## Turkey pays more for US ferrous scrap

By Amy Hinton - Friday 01 October

**A Turkish mill has returned to the US deep-sea ferrous scrap market to secure material at a \$1- to \$4-per-tonne increase compared with previous deals.**

An East Coast exporter sold a cargo comprising an 80:20 mix of No1 and No2 heavy melting scrap priced at \$443 per tonne cfr and shredded and bonus scrap priced at \$458 per tonne cfr, Fastmarkets learned on Friday October 1. The precise tonnage composition of the cargo has not yet been set, but it is understood that the cargo will include a high proportion of shredded scrap.

This latest deal compares with a US sale to the region priced at [\\$457 per tonne for shred and \\$442 per tonne for HMS 1&2 \(90:10\)](#), reportedly concluded on September 15. That heavy melt price is equivalent to \$439 per tonne cfr for HMS 1&2 (80:20), due to the \$3-per-tonne premium HMS 1&2 (90:10) typically commands.

Also in mid-September, an exporter on the US East Coast sold [bonus-grade material at \\$458 per tonne cfr](#).

Before this latest deal, [no export sales containing shred](#) had been reported sold since the September 15 booking.

Shred sales from the United States to Turkey have been conspicuous by their absence recently, with US sellers reportedly [preferring to sell scant shred units in the domestic market](#) while some anticipate a sideways or higher US shred market in October's ferrous trade.

The latest deal puts the spread between HMS 1&2 (80:20) and shred at \$15 per tonne. That is steady from the September 15 booking, and [narrower than the \\$21 per tonne reached earlier this year](#), but still wider than the usual \$5-per-tonne delta maintained between the two grades.

## Global shortage drives US Si to record high

By Orla O'Sullivan - Friday 01 October

**The silicon price set a new all-time high in the United States on Thursday September 30, with offers rising and reportedly greatly widening while market participants tried to price in the coming effects of a global shortage.**

US silicon supply was already tight before China, the world's biggest supplier, largely stopped exporting the metal during a production crisis.

An electricity shortage in China underpinned a 65% rise in Fastmarkets' silicon price assessment there in the week to Friday September 24. China's price was not assessed on Friday October 1, the start of the Golden Week national holiday.

The US price rose by 15.9% in the week to Thursday, with the silicon shortage overseas being felt on a lag, US sources said.

Fastmarkets assessed the price of [silicon, ddp US](#) at \$2.25-2.50 per lb on September 30, up from \$1.85-2.25 per lb on September 23 - the previous high in Fastmarkets' assessment, dating to 1997.

Fastmarkets' assessment reflects the prevailing range, but the US prices that sources provided greatly widened, with some below and others well above Fastmarkets' range.

Fastmarkets assessed the price of silicon export 98.5% Si min, fob China at \$9,000-10,000 per tonne [\$4.30 per lb] on Friday September 24. The price was \$5,500-6,000 per tonne on September 17 and \$3,800-4,020 per tonne on September 10.

The US has had three weeks in a row of double-digit increases in the silicon price.

Supply shortages - not demand - are driving the increase, sources said. The major consumers of standard-grade silicon make secondary aluminium alloys used by automakers, whose business remains down due to a shortage of computer chips.

"US silicon demand may be subdued, but the world is going through a crisis in supply now," one US trader said.

"The US price will go above China's in the coming weeks," he added.

No confirmed US silicon spot sales were directly reported to Fastmarkets in the latest assessment week, but prices were heard ranging from \$1.60 per lb to almost \$4 per lb.

"To me, \$1.60 doesn't make any sense, as we cannot find any material at this level," a buyer who heard of that unconfirmed deal level said.

The buyer, though covered by supply under an annual contract, recently "tested the market" because spot prices were rising so fast.

A second US trader said everyone is trying to get a sense of the true silicon spot price now.

"I've gotten several queries from buyers who were just window shopping," he said.

Other very active silicon traders said they had not booked sales within the past couple of weeks.



## CRC, galv prices flat; mart detects Q4 balance

By Dom Yanchunas - Friday 01 October

**Price for cold-rolled and galvanized steel sheet in the United States held steady after market participants perceived an emerging balance among overall supply, inventory and demand trends for the fourth quarter.**

Fastmarkets' weekly assessment for [steel cold-rolled coil, fob mill US](#) was unchanged at \$110 per hundredweight (\$2,200 per short ton) on Thursday September 30. The assessment has risen 185.71% over the past year.

Fastmarkets' assessment for [steel hot-dipped galvanized coil \(cold-rolled base\), fob mill US](#) also remained at \$110 per cwt (\$2,200 per ton) on Thursday. This is the first time since July 2020 that the price was unchanged for two consecutive weeks. Over that 14-month period, the price has gained 243.80%.

Fastmarkets' weekly assessment for [steel hot-dipped galvanized coil \(hot-rolled base\), fob mill US](#) also was flat at \$109.50 per cwt (\$2,190 per ton). That assessment was introduced exactly a year ago and is up by 192% from its debut price.

All three of those assessments are at record highs. Inputs were collected in a range of \$107-120 per cwt for both CRC and galvanized base. Lead times are generally into December for spot orders, according to market participants.

A source at one mill said it has been able to sell a very small volume of spot material at higher than the \$110-per-cwt level. Other sources said maintenance outages are causing additional supply worries in the short-term, but slowness in the automotive rebound and incoming import tons will loosen up availability by December.

The coil market "will see one more very light increase the beginning of October - which would be December production - at about \$1 per cwt," an Ohio Valley service center source said. "Once they start booking for 2022, I would think it will be stable or slightly dip. Service centers have balanced inventories and no one is buying extra or speculation since the mills do seem to have a little more availability."

Other buyers said they see a potential for more persistent supply tightness. Mills have a special incentive to limit spot-market output at this time of the year and are still very reluctant to lower their offer prices at all.

The price spike "has definitely slowed, but we are still not seeing offers in the spot market that are at a discount," one coil consumer stated. "It appears most suppliers with availability have simply allowed their customer base to take more on contract to prevent more tons hitting the spot market."

[Multiple sheet mills in the US](#) and [Canada](#) have scheduled maintenance outages in October and November. Because of contractor labor shortages and potentially weaker market conditions on the horizon, some steelmakers may end up prolonging the outages beyond the stated end date.

"The one thing that we continue to caution customers about is that the outages are going to increase, and we would not be surprised if some of the blast furnaces that are down or going down for maintenance do not come back up right away if automotive continues to struggle, so it is plausible that things could tighten back up again as we get into the fourth quarter," the consumer said. "I still believe that the mills will do everything in their power to keep contract negotiations in their favor."

The semiconductor shortage that has inhibited automotive production threatens to extend into mid-2022, according to some industry analysts. That could lead to less near-term demand for CRC, but the steel mills have the option of sending any excess cold roll to their coating lines, where end-user demand is still quite robust, according to market participants.

"I don't think anyone has a true pulse on whether the outages are going to help offset the lack of automotive demand," a southern distributor said.

[If and when the chip shortage clears](#), car production is likely to bounce back with a vengeance, bolstering coil procurement again. By one estimate, auto inventories are now at their lowest level in 70 years.

"I do think as the chips start to flow and auto production increases, it may add some holding power to current pricing," the Ohio Valley distributor said.

## Tata Steel splits UK and Netherlands businesses

By Maria Tanatar - Friday 01 October

**Tata Steel officially separated its operations in the United Kingdom and the Netherlands on Friday October 1 after an agreement was reached a day earlier, the company said.**

Under the new structure, Tata Steel Europe will no longer exist as an operational organization; Tata Steel Netherlands and Tata Steel UK will operate as two independent companies.

Tata Steel started national-level consultations to separate its businesses in the UK and the Netherlands in June this year. The separation of the two units will allow them to pursue different strategies, [the company said earlier this year](#).

"Mutual coordination will continue to take place for a small number of activities, for example for serving joint customers. Nothing will change for the customers of Tata Steel Netherlands," Tata Steel Netherlands said.

Tata Steel Netherlands includes two business units: IJmuiden and Downstream, which consists of tube and plate production, color-coating, distribution and building systems.

The board of directors of Tata Steel Netherlands now has full responsibility for the activities of Tata Steel Netherlands, under the supervision of the company's supervisory board.

The board of directors of Tata Steel Netherlands consists of Hans van den Berg and Co van Dort. Tom Eussen is responsible for the Downstream business.

Tata Steel's Port Talbot steelworks in South Wales is the UK's largest steelmaker. It has capacity for about 5 million tonnes per year of pig iron and 4.9 million tpy of crude steel.

The Dutch plant at IJmuiden has capacity to produce 6 million tpy of pig iron and 7.5 million tpy of crude steel, according to Fastmarkets' company information.

Both sites manufacture hot-rolled and cold-rolled coil.

In mid-September, Tata Steel Netherlands announced plans to [adopt hydrogen technology](#) at its steelworks at IJmuiden as part of its sustainability process.

## GLOBAL GRAPHITE SNAPSHOT: Transportation costs spark cif Europe price surge

By Jon Stibbs - Friday 01 October

Key data from the graphite pricing sessions in Asia and Europe for the week ended Thursday September 30.

GLOBAL GRAPHITE PRICES			
	New price	Previous price	% Change
Graphite flake 94% C, +100 mesh, fob China, \$/tonne	920	910	▲1.1
Graphite flake 94% C, -100 mesh, fob China, \$/tonne	560	540	▲3.7
Graphite flake 94% C, +80 mesh, fob China, \$/tonne	1,100	1,090	▲0.9
Graphite flake 94% C, +100 mesh, cif Europe, \$/tonne	1,115	1,050	▲6.2
Graphite flake 94% C, -100 mesh, cif Europe, \$/tonne	725	645	▲12.4
Graphite flake 94% C, +80 mesh, cif Europe, \$/tonne	1,250	1,200	▲4.2
Graphite spherical 99.95% C, 15 microns, fob China, \$/tonne	2,500-2,900	2,500-2,900	0
Graphite amorphous 80% C, -200 mesh, fob China, \$/tonne	400-430	380-430	▲2.5
Graphite amorphous 80-85% C, -200 mesh, FCL, cif China to Europe, \$/tonne	555-670	530-630	▲5.6
Adjustment	This quarter's VIU	Previous quarter's VIU	Quarterly Change
Carbon VIU in %	5.3	4.4	▲0.9
94% C	95% C	96% C	97% C
0.0%	5.30%	10.60%	15.90%

Source: Fastmarkets

### Europe

- Flake prices soared in the spot market after producers passed soaring transport costs - especially from China - to consumers.
- Shortages of material in China have added further upward pressure to prices and exacerbated tight supply in Europe.
- Lower transportation costs for African material tempered the cif Europe price rises, although logistics remain an issue.

### China

- Flake graphite markets strengthened following news of disruptions in Heilongjiang and Shandong provinces, major production hubs for the material.
- Flake graphite production in the major production hubs of Jixi and Luobei, Heilongjiang province, were suspended from September 23 to September 28 or 29, according to market sources.
- Spherical graphite was unchanged but had strong fundamentals on a sound anode sector.

Fastmarkets prices the amorphous graphite markets in the third week of every month. The prices shown here relate to September 16, with the previous assessment made on August 19.

### Graphite flake premium calculator

The Value in Use (VIU) was updated to 5.3% on July 1 for the third quarter of 2021, from 4.4% in the fourth quarter.

The Carbon-VIU measures, in percentage terms, the price value of one extra % of carbon content as reported in the market.

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

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

## Liquidation of Zambia's biggest copper assets to carry on after arrest of provisional liquidator - KCM

By Julian Luk - Friday 01 October

The liquidation of Zambia's Konkola Copper Mines (KCM) will continue after the high-profile arrest of the provisional liquidator appointed by former president Edgar Chagwa Lungu.

Milingo Lungu, the lawyer appointed to run Zambia's biggest integrated copper producer, has been arrested and charged with money laundering, according to a statement from the Zambian government on Wednesday September 29.

"The allegations are that Mr Lungu, jointly acting with other persons between May 22, 2019, and August 15, 2021... did engage in theft involving 110.4 million kwacha and US\$250,000. He obtained money by false pretenses, amounting to US\$2.2 million, and he has also been charged for money laundering on the same amount. The money is said to have come to his possession by virtue of him being the provisional liquidator of Konkola Copper Mines," Drug Enforcement Commission public relations officer Mathias Kamanda said on national broadcast network ZNBC.

Lungu dismissed the allegations as "baseless and untrue" in a statement on Wednesday, according to local reports.

In an emailed statement to Fastmarkets on Thursday September 30, a KCM spokesperson said Lungu's arrest will not cause major changes to the team that manages the African country's largest copper smelter by capacity, Nchanga, or the Konkola and Nchanga mines.

"The liquidation process at KCM will continue until the government provides policy direction on the matter and, as such, the current management team will remain in place until further notice," Shapi Shachinda, general manager of KCM subsidiary Konkola Mineral Resources Ltd, told Fastmarkets.



In May 2019, [Fastmarkets broke the news of the Zambian government's liquidation of KCM](#), which is majority-owned by Indian metals and energy conglomerate Vedanta. The nationalization attempt sent shockwaves through investors in Africa's second-largest copper-producing country.

Since then, as provisional liquidator, Lungu has been in charge of the Nchanga smelter and the Konkola and Nchanga mines

During an interview with [Fastmarkets in London two years ago](#), Lungu said his mission was to ready the Nchanga and Konkola copper assets for sale in order to receive sufficient funds to keep the furnace running.

That mission has yet to be accomplished. [Vedanta is keen to stop the sell-off of assets](#) in which the company claims to have invested billions of dollars since their acquisition in 2004. Vedanta had fought to settle the disputes with the Zambian government through arbitration but that process has yet to take place as of the time of publication.

In a friendly gesture, Vedanta said at the end of August it was willing to invest another \$1.5 billion to improve the KCM assets, according to a company statement.

Copper exports accounted for more than 80% of Zambia's export earnings,

according to its government. Zambia exported 510,000 tonnes of refined copper from January to July 2021.

When [Fastmarkets spoke to KCM copper product customers on Thursday September 30](#), none reported any changes to the producer's output or its delivery schedules.

"KCM copper mining and smelting operations and its leadership team have not been impacted in any way by the arrest of the provisional liquidator," Shachinda told [Fastmarkets](#).

Zambia is the key supplier of blister, an intermediate copper product, to China and India. China bought \$2.32 billion of unrefined copper from Zambia during the first seven months of this year; while Indian imports of unrefined copper for the 2019-2020 financial year amounted to \$697 million.

[Fastmarkets assessed the copper blister 98-99% RC spot, cif China price](#) at \$150-170 per tonne on September 30 compared with \$160-200 per tonne on August 31.

[Fastmarkets has contacted Vedanta several times for comment but has yet to receive a reply.](#)

## Base metals

# FOCUS: China's fresh round of power cuts to hit base metals downstream sectors – sources

By Yiwen Ju - Friday 01 October

Since mid-September, a swathe of provincial governments in China have imposed power cuts and rationing on local industrial users, which could cast a bigger influence on downstream fabricating sectors than previous curbs, sources said.

This is the second time that industrial users have received power rationing orders in the year. The first was in July, when hot weather strained the country's grid. Prior to this, small-scale restrictions had already emerged; Yunnan province imposed power cuts on zinc and aluminum smelters in May, market participants noted.

The fresh move came with the country's green call on curbing energy consumption. This round of restrictions has been rolled out in 18 provinces, more than half the provinces in China. Provinces impacted include manufacturing powerhouses Guangdong and Jiangsu, where downstream base metal fabricators and manufacturers are concentrated, sources said.

"Guangxi, Hubei and Yuannan provinces, [where] some major tin producers [are] located, will have to cut production, but we assess [that a] bigger impact would be seen in the metal's downstream sectors in Jiangsu and Guangdong provinces," a tin end user told [Fastmarkets](#).

"No matter how much power usage is required in operation, the limitation [of power load] is applied to all plants, hence downstream fabricators will have to suffer from production disruptions even though overall they consume less energy [compared to their upstream suppliers]," an analyst source said.

In addition, market participants noted that certain base metal downstream sectors such as zinc might need to battle with more severe production disruptions than their upstream refining sectors.

### Inventories pile up

With downstream demand among fabricators subdued due to the power cuts, inventories of several base metals have quickly risen.

Both zinc and aluminum registered an increase in inventories in [Shanghai Futures Exchange \(SHFE\)-registered warehouses](#) during the week to Friday September 24; zinc stocks rose by 7,996 tonnes (15.7%) to 58,395 tonnes and aluminum stocks increased by 5,797 tonnes (2.6%) to 229,847 tonnes.

This is the third consecutive week aluminum stocks have risen, an alumina trader noted.

"Aluminum's high price does keep buyers at [the] sidelines, and producers intending to deliver cargoes to exchange ahead of the holiday break is another driver for increasing inventories," a second alumina trader said. "However, power curbs on downstream fabricators has also added to the increased stocks."

The [SHFE front-month October aluminium price](#) topped 23,000 yuan (\$4,567) per tonne on September 13, which was considered a psychological level for investors, though the price has been rangebound since then. The light metal's price was 22,630 yuan per tonne at the close on September 30, the last trading day prior to the holiday break.

"Some small fabricators have to cut or even stop production because of high feedstock prices [and] the recent blow of power cuts," a secondary aluminum alloy trader said, "although most alloys sectors only consume natural gas."

"The [production cuts] order started three weeks ago in Yunnan [province], and has been largely rolled out since last week, which happened to be in line with the light metal's piling in SHFE sheds," an aluminum analyst said.

### Power cuts likely to weigh on zinc, tin prices; aluminium, copper prices might shrug off headwind

Even though multiple market participants have suggested that the impact on the downstream sector for base metals will be bigger in this round of power cuts - including for tin, zinc, copper and aluminum - this might not necessarily translate into weak upstream refined metal prices, sources told [Fastmarkets](#).

Tin and zinc prices have acutely responded to the potential demand headwind, while some market participants remain optimistic about prices for aluminium and copper.

The [tin ingot SHFE price](#) was 270,680 yuan per tonne on September 30, down from a historical high of 282,400 yuan per tonne on September 24.

"Speculation of short squeeze largely explained the price jump of tin previously, in addition to the metal's low inventory in the physical market," a



tin analyst told Fastmarkets. "However, [the SHFE] price is getting softer; demand-side concerns have dwarfed supply issues [in the] week."

"The key areas affected by this round of power restrictions – Guangdong and Jiangsu – are primarily home to downstream consumers of tin, so the impact on demand for refined tin is greater," the International Tin Association said on September 28.

"With the focus of the measures more on tin demand than supply, the tightness in the Chinese market could ease considerably," it added.

The zinc SHFE price closed at 22,385 yuan per tonne September 30, down from 22,985 yuan per tonne on September 24.

"The galvanizing metal will definitely be in surplus in the future," a zinc trader told Fastmarkets, citing the power cuts, in addition to the country's release of reserves.

China's National Food & Strategic Reserves Administration will sell 50,000 tonnes of zinc in a fourth batch of sales to fabricators via a public auction on October 9, according to a notice from the administration published on its website on September 27.

Contrary to zinc and tin, some market participants believed aluminium and copper prices might not be impacted due to previous curbs on refined metal operations and high feedstock prices.

"Small end users such as extruder fabricators are quite trapped by the fresh round of power cuts, but [the] market is still pretty bullish where aluminium and alumina are both undergoing production limitations," a third alumina trader said. "It takes more time and costs to restart aluminium operations, hence I would say the upstream market's fundamentals are still pretty firm."

In mid-September, Yunnan province, a key production hub of aluminium in China, imposed restrictions on the operations of a few industries with high energy consumption. Local government required the average monthly production of aluminium smelters from September to December to not exceed that of August.

"Influence has spilled over more to [the] downstream sector this time, and the situation could be even worse with the heating season approaching, when coal is more badly in need than any other time," a fourth alumina trader said. "However, the raw materials price is also high, and I don't see any headwind from downstream that will weaken the metal's price."

Fastmarkets' calculation of the alumina index, fob Australia was published at \$457.04 per tonne on September 30, the highest level since October 2018.

Sources in the copper market also acknowledged this dilemma, but said that the impact on downstream fabricators would be low.

The front-month copper contract price on the SHFE was 68,350 yuan per tonne on September 30. The red metal's price was rangebound on either side of 70,000 yuan per tonne in September.

"The metal's supply tightness still weighs on the market, which should be a bigger concern than the demand side, so I'm actually expecting an even more bullish market after the [National Day] holiday," a copper trader said.

The red metal's stocks on the SHFE has dropped significantly since mid-May. The copper SHFE weekly stocks deliverable per tonne totaled 44,629 tonnes on September 24, compared with this year's high of 229,179 tonnes on May 14. Shanghai bonded copper stocks was 250,000-264,500 tonnes on September 20, falling rapidly from this year's high of 432,000-446,000 tonnes on July 12.

## Alcoa to enter high-purity alumina market with joint development project

By Yasemin Esmen - Friday 01 October

**Alcoa Corp has announced plans to enter the high-purity alumina (HPA) market with the signing of a binding term sheet between Alcoa of Australia (AoA) and Western Australia-based FYI Resources.**

In a news release, Pittsburgh, Pennsylvania-based Alcoa said it intends to enter the HPA market "to address increasing demand for sustainable products through a joint development project."

According to the term sheet, AoA will hold a 65% ownership interest in the joint project, which will result in the construction of an 8,000-tonnes-per-year HPA plant by 2024.

"As a high-value product that will play an important role in a low-carbon future, the production of HPA is strategically aligned with Alcoa's commitment to advance sustainably," Alcoa executive vice president and chief commercial officer Tim Reyes said.

Non-metallurgical alumina, known for its resistance to corrosion and capacity to withstand high temperatures, is used in energy transition applications such as LED lighting and lithium-ion batteries. It is also used in mobile devices, electronic displays and in the medical and aeronautical sectors.

"Alcoa and FYI have complementary skills, experience and knowledge that combined will help to accelerate our entry into the HPA market, which is expected to have a compounded annual growth rate of nearly 20% to 2028," Reyes said.

FYI has developed "an innovative, eco-friendly purification process for HPA utilizing conventional process technologies and equipment selection," according to the company's website.

The project follows a successful trial, in December 2020, in which Alcoa's feedstock was used to consistently produce HPA at more than 99.99% aluminium oxide purity, Alcoa said.

The premium for alumina has increased due to high demand and supply disruptions that limited availability. Fastmarkets assessed its alumina index, fob Australia at \$468.72 per tonne on Friday October 1, its highest since end of October 2018.

A fire in late August this year at the Jamalco alumina refinery in Jamaica caused disruptions in availability and have spurred the premium higher. Fastmarkets assessed the premium at \$301.32 on August 20.

In September 2020, Alcoa announced that it had launched its first low-carbon, smelter-grade alumina brand, EcoSource.

## GREEN AL: Differentials for low-carbon aluminium rise

By Alice Mason - Friday 01 October

**Demand for low-carbon aluminium units in Europe remains strong, especially for value-added products (VAP), market participants told Fastmarkets on Friday October 1.**

Fastmarkets assessed the aluminium low-carbon differential value-added product (VAP), Europe at \$20-30 per tonne on Friday October 1, up from \$15-25 per tonne on September 3.

Market participants noted a clear gap between different VAP units, with



aluminium billet trading closer to \$20 per tonne, while primary foundry alloys were trading at closer to the high end.

Some sellers said they expect to command a premium differential of \$50 per tonne for primary foundry alloys in 2022.

"The [original equipment manufacturers say sustainability] is top of their priority list. Those OEMs will pay us for the materials going to their foundries," a producer said.

Spot liquidity was low this month, with most market participants focusing on 2022 deals and on securing units for the full year.

The differential for primary aluminium also rose this week. Fastmarkets assessed the [aluminium low-carbon differential P1020A, Europe](#) at \$0-7 per tonne on Friday, up from \$0-5 a month earlier.

"If today someone asks you for certified metal, they automatically pay something. In the end, customers call you and they are aware and they expect to pay more," a trader said.

Offers for P1020 were heard at \$10-12 per tonne, with some at \$15 per tonne for 2022 contacts.

But commanding a premium for "green" P1020 units is still proving difficult for some market participants.

"We have tried to offer P1020 with a differential, but it is not as easy as with value-added products. Over time it will come, and I think next year will be a big year for these discussions," a second trader said.

Strong aluminium demand and high underlying premiums continue to support the market, while the European Union's carbon border adjustment mechanism (CBAM) continues to add to the longer-term bullish outlook.

#### Inferred low-carbon aluminium midpoint calculations

*The figures below were all derived on October 1*

- [Aluminium P1020A premium, in-whs dup Rotterdam, inferred low-carbon midpoint: \\$306 per tonne](#)
- [Aluminium P1020A premium, in-whs dp Rotterdam, inferred low-carbon midpoint: \\$386 per tonne](#)
- [Aluminium 6063 extrusion billet premium, ddp Italy \(Brescia region\), inferred low-carbon midpoint: \\$1,400 per tonne](#)
- [Aluminium 6063 extrusion billet premium, ddp North Germany \(Ruhr region\), inferred low-carbon midpoint: \\$1,400 per tonne](#)

An inferred number is a calculation using existing Fastmarkets numbers. The inferred prices take the midpoint of the underlying premium and add the midpoint of the relevant low-carbon aluminium differential.

To read the aluminium low-carbon differentials pricing methodology and specification documents, go to [www.fastmarkets.com/about-us/methodology](http://www.fastmarkets.com/about-us/methodology).

## COPPER CONCS SNAPSHOT: Rebound in TC/RCs pauses on supply concerns, power cuts

By Julian Luk - Friday 01 October

Spot interest in copper concentrate has been minimal in the week to Friday September 30, ahead of China's National Day holiday.

COPPER CONCENTRATE TC INDEX <i>(cif Asia Pacific, \$/tonne)</i>			
New price	Previous price	Change	% Change
60.9	61.4	▼0.5	▼0.81
COPPER CONCENTRATE RC INDEX <i>(cif Asia Pacific, US cents/lb)</i>			
New price	Previous price	Change	% Change
6.09	6.14	▼0.05	▼0.81

Source: Fastmarkets

Clean tonnages for smelter purchase were in the mid-\$60s, below the [Copper Smelters Purchase Team's fourth quarter pricing floor of \\$70 per tonne](#).

A [community blockade at MMG's Las Bambas complex](#) in Peru, which started two weeks ago, could linger for some time and cause delays to shipments, sources said, while [China's widening power curbs](#) are now threatening downstream demand for cathodes.

And Toromocho concentrates from Peru, some of which are eligible for export to China, was in the high \$50s for trader purchases, although other more highly complex parcels have yet to find buyers, sources said.

Fastmarkets' assessment of the [counterparty spread for October's index](#) was at \$9.36, versus \$6.11 a month ago. Copper Value-in-Use (VIU) was -\$0.1 on Friday, compared with -\$0.44 one month earlier.

#### Some other coverage this week

- [Liquidation of Zambia's biggest copper assets to carry on after arrest of provisional liquidator - KCM](#)
- [Rio Tinto declares \*force majeure\* on Kennecott copper cathode shipments](#)
- [Higher copper prices to eventually halt rising consumption, G&H says](#)

#### More on copper raw materials

- [Fastmarkets' No 1 copper material discount narrowed; while the blister copper refining charge tightened](#)
- [Boliden opens facility in Sweden to extract metal from smelter residue](#)



Click on the image above Fastmarkets' Copper Concentrates newsletter.

# Jamalco alumina refinery to resume full output in Sept 22

By Alice Mason - Friday 01 October

Alumina production at the Jamalco refinery in Jamaica isn't estimated to resume at full capacity until the end of September 2022, due to fire damage, Noble Group Holdings announced on Friday October 1.

Noble, which owns Jamalco joint-venture partner, General Alumina Jamaica, previously announced that there had been a [fire at the refinery](#), which started on August 22.

The powerhouse was extensively damaged by the fire, causing production to shut down.

Noble said that Jamalco has given notice of *force majeure* to its suppliers and customers, with the duration of this period to be determined.

It has also announced a three-staged restoration process to return to full alumina production.

"Stage one involves the refinery resuming 50% of production with a single digester, potentially using existing infrastructure unaffected by the incident, augmented with rented boilers for steam and new high voltage infrastructure," the statement said.

Noble explained that this phase has commenced, starting with the demolition of segments of the powerhouse. The capital required is estimated at \$19 million, and production is estimated to resume by the end of June 2022.

The second stage involves ramping the plant up to 100% production using two digesters.

"Rental gas turbines will be used to improve power plant reliability during this stage," the statement said. "Further analysis is required to determine the cost of this stage. However, the estimated timeline for completion is the end of September 2022."

At the time of the fire, there were also production issues at Alcoa's Alumar refinery in Brazil. The two production disruptions combined caused a spike in alumina prices in the Atlantic and the Pacific.

Prices for alumina have remained high due to supply tightness, high logistics costs and strong aluminium demand.

Fastmarkets published its daily benchmark alumina index, fob Australia at \$457.04 per tonne on Thursday September 30, up significantly from \$299.77 per tonne at the beginning of August.

A third stage of the restoration plans aims to improve Jamalco's alumina production efficiency and lower unit operating costs, making it more competitive with other refineries globally, Noble said.

A new gas-fired powerhouse is to be built to replace the rented equipment. Whether the new powerhouse should be Jamalco-owned or outsourced – and the capital required – has yet to be determined.

The estimated timeline for completion of the final stage is first quarter 2024.

Noble also announced that the Jamaican House of Representatives was informed about several key aspects of the financing of the restoration process.

"Jamalco has property and plant insurance coverage of up to \$250 million, to address single incidents such as this fire," Noble said. "The insurance policy covers both business interruption and property damage, and discussions are on-going to agree a first advanced payment from the insurers," the company said.

Noble said it is working with partner, Clarendon Alumina Production, to support the Jamalco management team in completing the analysis of the proposed three-stage approach and expediting the return to production.

## PRICING NOTICE: Open consultation on IOSCO-audited non-ferrous price assessments, indices

By Alice Mason, Davide Ghilotti, Janie Davies - Friday 01 October

Fastmarkets is inviting feedback on its audited non-ferrous price assessments and indices, as part of its announced annual methodology review process.

The consultation, which is open until October 31, 2021, seeks to ensure that our audited methodologies and price specifications continue to reflect the physical markets for alumina, aluminium, cobalt, copper, lithium and manganese ore, in compliance with the International Organization of Securities Commissions (IOSCO) principles for Price Reporting Agencies (PRAs). This includes all elements of our pricing process, our price specifications and publication frequency.

The prices subject to this annual review are as follows:

### Base metals

#### Alumina

Alumina index adjustment to fob Australia index, Brazil, \$/tonne  
Alumina index, fob Australia, \$/tonne

#### Aluminium

Aluminium P1020A (MJP) spot premium, cif Japan, \$/tonne  
Aluminium P1020A premium, in-whs dp Rotterdam, \$/tonne  
Aluminium P1020A premium, in-whs dup Rotterdam, \$/tonne  
Aluminium P1020A premium, US Midwest delivered, cents/pound

#### Secondary aluminium

Aluminium pressure diecasting ingot DIN226/A380, delivered Europe, €/tonne



Aluminum alloy A380.1, delivered Midwest, US cents/lb

### Copper

Copper grade A cathode premium, cif Shanghai, \$/tonne

### Copper concentrates

Copper concentrates TC/RC index, cif Asia Pacific, \$/dmtu

### Minor metals, ores & alloys

#### Cobalt

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

Cobalt hydroxide payable indicator, cif China, \$/lb

Cobalt hydroxide index 30% Co min, cif China, \$/lb

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

#### Manganese ore

Manganese ore 44% Mn, cif Tianjin, \$/dmtu

Manganese ore index 37% Mn, cif Tianjin, \$/dmtu

Manganese ore index 37% Mn, fob Port Elizabeth, \$/dmtu

### Industrial minerals

#### Lithium

Lithium carbonate min 99.5% Li<sub>2</sub>CO<sub>3</sub>, battery grade, spot price cif China, Japan & South Korea, \$/kg

Lithium Carbonate min 99.5% Li<sub>2</sub>CO<sub>3</sub>, battery grade, spot price ex-works China, CNY/tonne

Lithium Hydroxide Monohydrate min 56.5% LiOH.H<sub>2</sub>O, battery grade, spot price cif China, Japan & South Korea, \$/kg

Lithium Hydroxide Monohydrate min 56.5% LiOH.H<sub>2</sub>O, battery grade, spot price ex-works China, CNY/tonne

### Open consultation

In an open pricing notice, Fastmarkets has proposed to increase the frequency of its battery-grade seaborne Asian lithium carbonate and lithium hydroxide price assessments to [daily from weekly](#). This proposal is still open. All other specifications remain the same.

To provide feedback on the annual review of the above-listed prices, please contact [pricing@fastmarkets.com](mailto:pricing@fastmarkets.com). For feedback or comment related to base metals, please add the subject heading 'FAO: Alice Mason, re: audited base metals methodologies.' For feedback or comment related to minor metals, ores & alloys, please add the subject heading 'FAO: Janie Davies, re: audited MOA methodologies.' For feedback or comment related to industrial minerals, please add the subject heading 'FAO: Davide Ghilotti, re: audited IM methodology.'

Please specify if your response is confidential. Opinions offered in confidential responses may be referenced, but will not be attributed in any way.

Fastmarkets will publish the outcome of this annual review by November 6, 2021, including a summary of the feedback - with the exception of those responses marked as confidential. Any proposals to make material changes, discontinue or launch prices will involve a separate market consultation, the length of which will depend on how substantial the change is for the industry.

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

## Full production at Jamalco alumina refinery not expected until Sept 2022

By Alice Mason - Friday 01 October

Alumina production at the Jamalco refinery in Jamaica is estimated to not resume at full capacity until the end of September 2022, due to fire damage, Noble Group Holdings announced on October 1.

Noble, which owns Jamalco joint-venture partner, General Alumina Jamaica, previously announced that there had been a [fire at the refinery](#), which started on August 22.

The powerhouse was extensively damaged by the fire, causing production to shut down.

Noble said that Jamalco has given notice of *force majeure* to its suppliers and customers, with the duration of this period to be determined.

It has also announced a three-staged restoration process to return to full alumina production.

"Stage one involves the refinery resuming 50% of production with a single digester, potentially using existing infrastructure unaffected by the incident, augmented with rented boilers for steam and new high voltage infrastructure," the statement said.

Noble explained that this phase has commenced, starting with the demolition of segments of the powerhouse. The capital required is estimated at \$19 million, and production is estimated to resume by the end of June 2022.

The second stage involves ramping the plant up to 100% production using two digesters.

"Rental gas turbines will be used to improve power plant reliability during this stage," the statement said. "Further analysis is required to determine the cost of this stage. However, the estimated timeline for completion is the end of September 2022."

At the time of the fire, there were also [production issues at Alcoa's Alumar refinery](#) in Brazil. The two production disruptions combined caused a spike in alumina prices in the Atlantic and the Pacific.

[Prices for alumina have remained high](#) due to supply tightness, high logistics costs and strong aluminium demand.

Fastmarkets published its daily benchmark [alumina index, fob Australia](#) at \$457.04 per tonne on September 30, up significantly from \$299.77 per tonne at the beginning of August.

A third stage of the restoration plans aims to improve Jamalco's alumina production efficiency and lower unit operating costs, making it more competitive with other refineries globally, Noble said.

A new gas-fired powerhouse is to be built to replace the rented equipment. Whether the new powerhouse should be Jamalco-owned or outsourced - and the capital required - has yet to be determined.

The estimated timeline for completion of the final stage is first quarter 2024.

Noble also announced that the Jamaican House of Representatives was informed about several key aspects of the financing of the restoration process.

"Jamalco has property and plant insurance coverage of up to \$250 million, to address single incidents such as this fire," Noble said. "The insurance policy covers both business interruption and property damage, and discussions are on-going to agree a first advanced payment from the insurers," the company



said.

Noble said it is working with partner, Clarendon Alumina Production, to

## Minor metals

# AEROSPACE RAW MATERIALS 01/10: Fastmarkets' European magnesium price hits record high on tight supply

By Janie Davies - Friday 01 October

An overview of the aerospace materials markets and the latest price moves in the week to Friday October 1.

AEROSPACE RAW MATERIALS - 01/10				
Metal	Date of latest price assessment	Latest price	% change from previous assessment	Rationale
<b>Chromium</b>				
Chromium alumino-thermic 99% min, in-whs Rotterdam, \$/tonne	01/10/2021	10,250-10,550	0	The chromium metal market remained firm, interest from Europe held the price range stable.
Chromium alumino-thermic 99% min ex-US warehouse \$/lb	30/09/2021	4.85-5	0	The United States chromium metal market held steady amid dormant spot trading, buyers remained absent from the market.
<b>Cobalt</b>				
Cobalt alloy grade, in-whs Rotterdam, \$/lb	01/10/2021	25.75-26.25	▲ 0.8	Cobalt metal prices continued their uptrend with material in strong hands and tight spot availability reported for certain brands.
Cobalt 99.8% Co min, ex-works China, yuan/tonne	01/10/2021	370,000-394,000	0	Prices rolled over due to a public holiday from October 1-7 in China.
<b>Hafnium</b>				
Hafnium, max 1% Zr, in-whs global locations, \$/kg	24/09/2021	850-950	0	Hafnium prices remained strong; multiple downstream consumers combined to source spot material that is in tight supply.
<b>Magnesium</b>				
Magnesium 99.9% Mg min, fob China main ports, \$/tonne	01/10/2021	10,000-11,000	0	Export prices rolled over due to the public holiday in China.
Magnesium 99.9%, exw China, yuan/tonne	01/10/2021	65,000-70,000	0	Domestic prices rolled over due to the public holiday in China.
Magnesium 99.9%, in-whs Rotterdam, \$/tonne	01/10/2021	16,000-16,500	▲ 116.7	Fastmarkets' European magnesium price soared to previously unseen highs; material was hard to find due to supply restrictions and the holiday in China.
<b>Rhenium</b>				
Rhenium APR catalytic grade, in-whs dup Rotterdam, \$/kg	24/09/2021	890-1,050	0	Traders waited on the sidelines, while a lack of liquidity continued to affect the market due to concerns over the aerospace industry.
Rhenium metal pellets 99.9% Re min, in-whs dup, Rotterdam \$/lb	24/09/2021	450-700	0	The market was quiet, while a few enquiries were made for metal pellets.
<b>Tantalum</b>				
Tantalum, basis 25% min Ta2O5, of China, \$/lb Ta2O5	01/10/2021	80-85	0	Tantalum prices held in thin trading.
<b>Titanium</b>				
Titanium ingot 6Al-4V, fob shipping point US, \$/lb	12/07/2021	8.8-50	▲ 3.1	Slow resumption of demand from the aerospace sector nudged ingot prices higher compared with the previous quarter.
Titanium plate alloy AMS 4911, fob shipping point US, \$/lb	12/07/2021	27-28	0	Despite higher prices for some forms of titanium, plate alloy prices held quarter on quarter.
<b>Vanadium</b>				
Vanadium pentoxide 98% V2O5 min, fob China, \$/lb V2O5	30/09/2021	6.38-6.45	▼ 8.9	The vanadium pentoxide price followed falling vanadium nitrogen prices and dropped amid crude steel production cuts, but there were more inquiries in the week.
Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5	01/10/2021	7.30-8.50	▼ 10.0	V2O5 edged down, with consumers able to purchase material at the low end of the range; price drops in China affected traders' sentiment and some producers refused to sell at current prices.

Source: Fastmarkets

Jessica Long, Ruby Liu and Carrie Shi in Shanghai, Fola Malomo, Dalila Ouerghi and Cristina Belda in London; and Chris Kavanagh in New York contributed to this article.

## US silicon price hits new all-time high, driven by global shortage

By Orla O'Sullivan - Friday 01 October

The silicon price set a new all-time high in the United States on Thursday September 30, with offers rising and reportedly greatly widening while market participants tried to price in the coming effects of a global shortage.

US silicon supply was already tight before China, the world's biggest supplier, largely stopped exporting the metal during a production crisis.

An electricity shortage in China underpinned a 65% rise in Fastmarkets' silicon price assessment there in the week to Friday September 24. China's price was not assessed on Friday October 1, the start of the Golden Week

support the Jamalco management team in completing the analysis of the proposed three-stage approach and expediting the return to production.

national holiday.

The US price rose by 15.9% in the week to Thursday, with the silicon shortage overseas being felt on a lag, US sources said.

Fastmarkets assessed the price of silicon, ddp US at \$2.25-2.50 per lb on September 30, up from \$1.85-2.25 per lb on September 23 - the previous high in Fastmarkets' assessment, dating to 1997.

Fastmarkets' assessment reflects the prevailing range, but the US prices that sources provided greatly widened, with some below and others well above Fastmarkets' range.

Fastmarkets assessed the price of silicon export 98.5% Si min, fob China at \$9,000-10,000 per tonne [\$4.30 per lb] on Friday September 24. The price was \$5,500-6,000 per tonne on September 17 and \$3,800-4,020 per tonne on September 10.

The US has had three weeks in a row of double-digit increases in the silicon price.

Supply shortages - not demand - are driving the increase, sources said. The major consumers of standard-grade silicon make secondary aluminium alloys used by automakers, whose business remains down due to a shortage of computer chips.

"US silicon demand may be subdued, but the world is going through a crisis in supply now," one US trader said.

"The US price will go above China's in the coming weeks," he added.

No confirmed US silicon spot sales were directly reported to Fastmarkets in the latest assessment week, but prices were heard ranging from \$1.60 per lb to almost \$4 per lb.

"To me, \$1.60 doesn't make any sense, as we cannot find any material at this level," a buyer who heard of that unconfirmed deal level said.

The buyer, though covered by supply under an annual contract, recently "tested the market" because spot prices were rising so fast.

A second US trader said everyone is trying to get a sense of the true silicon spot price now.

"I've gotten several queries from buyers who were just window shopping," he said.

Other very active silicon traders said they had not booked sales within the past couple of weeks.

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

By pricing@fastmarkets.com - Friday 01 October

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

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

**Fastmarkets assessed Cobalt standard grade, in-whs Rotterdam, \$/lb at 25.85-26.25 on Friday October 01, 2021.**



- Sale at \$25.90 for standard tonnage
- Offer at \$25.85
- Offer at \$26.00 for small tonnage
- Offer at \$26.00 (discarded – old activity)
- Prices indicated at \$25.75-26.00
- Prices indicated at \$25.75-26.00
- Prices indicated at \$26.00
- Prices indicated at \$25.85-26.25
- Prices indicated at \$25.90-26.20
- Prices indicated at \$26.00-26.50
- Prices indicated at \$25.80-26.40
- Prices indicated at \$25.80-26.40
- Prices indicated at \$25.90-26.50

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

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

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

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

By [pricing@fastmarkets.com](mailto:pricing@fastmarkets.com) - Friday 01 October

**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 25.75-26.25 on Friday October 01, 2021.**

- Sale at \$25.75 for standard tonnage
- Sale at \$26.15 for standard tonnage
- Sale at \$26.25 for standard tonnage
- Offer at \$25.80 for standard tonnage
- Offer at \$26.25 for large tonnage
- Prices indicated at \$25.60-26.00
- Prices indicated at \$25.75-26.00
- Prices indicated at \$25.80-26.10
- Prices indicated at \$25.80-26.25
- Prices indicated at \$25.85-26.25
- Prices indicated at \$25.80-26.40
- Prices indicated at \$25.80-26.40

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.

## Long-term cobalt contract talks in full swing on improved post-Covid outlook

By Dalila Ouerghi, Alexander Cook - Friday 01 October

**Cobalt market participants in the midst of the latest round of long-term contract negotiations have been speaking of improved demand while sellers have received more requests for longer-term deals and flexibility on volumes amid an easing of pandemic-related concerns.**

Buyers' appetite to lock in metal and hydroxide supply for 2022 and for the years ahead has increased year on year, sources told Fastmarkets.

"In a couple of instances, customers want 2-3-year deals instead of one year. It's very unusual; I haven't seen it for 10-15 years," a trader said.

"Most customers take a chance and renew every year. I am not the only one who is getting these requests. There is obviously a concern over the supply of metal and not much new production coming onstream. If your business relies on metal, you have to take steps to secure it," he added.

Two sources at two different trading houses commented that their customers this year had started long-term negotiations earlier than usual because they have more clarity on their future business. The market widely expects demand to recover from a variety of sectors where cobalt is used, such as the battery value chain and traditional industrial applications including medical appliances.

"I am seeing a shift in demand for contracts that can provide flexibility on volumes should customers need to maximize their cobalt intake, while last year fixed volumes were preferred in negotiations," a second cobalt trader added.

"I see especially the battery chemical side having more visibility on what their needs will be, so they not only ask for availability for the coming year but are also inquiring about supply availability in 2023-2024... this is a trend that already started before the 'Covid era' but the pandemic slowed it down and it is now resuming," a producer source said.

"In general, all customers in different sectors have better visibility this year but I feel that the aerospace industry is recovering at a slower pace for the time being," he added.

Cobalt is a key component in batteries that power electric vehicles (EVs), demand for which is expected to grow significantly in the medium term.

The supply of processed cobalt looks set to grow to 165,000 tonnes in 2022 from a forecast 143,000 tonnes in 2021 while total demand is expected to rise to 172,000 tonnes in 2022 from an anticipated 150,000 tonnes in 2021, data from Fastmarkets' research team shows.

Global economies took a dramatic hit from Covid-19 over the past two years but the rollout of vaccines across the world has improved the outlook.

Recovery plans in most Western economies have put carbon emission cuts at the forefront of policy and proposed stimulus spending is likely to support and accelerate demand for EVs.

"Long-term deals will continue to involve a mix of cobalt products: sulfate will remain core [since] it is a ready-to-use material that does not need to be converted, metal will continue to give buyers optionality, while the hydroxide market is a little bit of concern and is expect to remain tight until the end of this year," the producer source added.

"But as soon as logistical issues are resolved and more production is expected from the Democratic Republic of Congo (DRC), availability will improve in the coming year," that source said.

But a Europe-based consumer source said several factors will have a positive



impact on next year's supply and that he sees this year's round of long-term negotiations as a "return to normality" following the disruptions of Covid-19.

"A significant metal producer will return to the market in 2022 providing additional liquidity to the metal market while hydroxide production in DRC is also expected to increase, which should put pressure on payables and make it less attractive to substitute hydroxide with metal," the consumer source said.

"Logistics should normalize again, which will reduce the need for excessive transport pipelines [or] buffers stock, freeing up metal units," the same consumer source added.

In March, Ambatovy announced the restart of its cobalt production following the resumption of its nickel operations after a year's absence.

"The production of nickel briquette restarted on March 23 and we expect cobalt production to start imminently," a company spokesperson told Fastmarkets in March.

In June, Glencore announced that it would restart operations at its Mutanda copper-cobalt facility toward the end of 2021, with plans to return the asset to normal production in 2022. Mutanda can produce around 25,000 tonnes per year of cobalt contained in hydroxide.

Strengthening prices

Fastmarkets' cobalt hydroxide payables indicator, min 30% Co, cif China was assessed at 88-91% against the standard-grade cobalt price (low end) on September 29, up from September 24's 88-90%. This range had held constantly throughout much of August and September, with material remaining in the tight hands of sellers although buyers entered the spot market only sporadically.

Fastmarkets' benchmark price assessment for cobalt standard grade, in-whs Rotterdam stood at \$25.75-26.00 per lb on September 30, narrowing upward by \$0.15 per lb from \$25.60-26.00 per lb on September 29. The latest price is the highest since early January 2019.

International cobalt metal prices have trended higher throughout September, in part due to the effect of a slight decoupling from the Chinese market. Freight delays and high shipping costs have in effect reduced some arbitrage opportunities.

The Shanghai Containerized Freight Index (SCFI), which tracks the average spot rate for shipping containers from Shanghai on 13 key shipping routes, rose to an all-time high of 4,643.79 points on September 24. This is a sharp rise from 722.90 points on September 27, 2019.

Ores and alloys

Fastmarkets AMM: Ferro-alloys October 1

By Chris Kavanagh - Friday 01 October

The latest ferro-alloy prices from Fastmarkets price reporters.

GLOBAL FERRO-SILICON SNAPSHOT: Global prices continue to experience massive gains on supply shortage

By Declan Conway, Chris Kavanagh, Jessica Long - Friday 01 October

Key data from Fastmarkets' pricing sessions in Europe, China and the United States on Friday October 1.

GLOBAL FERRO-SILICON PRICES table with columns: Description, New price, Previous price, % Change. Rows include Ferro-silicon 75% Si min export, fob China, \$/tonne; Ferro-silicon 75% Si min, in-whs China, yuan/tonne; Ferro-silicon 75% Si min, cif Japan, \$/tonne; Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne; Ferro-silicon 75% Si, in-whs Pittsburgh, \$/lb.

China

- The ferro-silicon price in China went very bullish following the news that Qinghai, a major ferro-silicon production hub in the country, may start power cuts to meet the dual control targets of energy consumption. This has made spot availability even tighter, with many producers holding offers firm.
Rising ferro-silicon futures, coupled with the increasing Chinese price for magnesium - the key consumer of 75% ferro-silicon - fueled the high ferro-silicon price.
Supply of semi-coke has tightened since Fugu, a ferro-silicon production hub in Shaanxi province, issued instructions for broad cuts in the production of ferro-alloys, magnesium and semi-coke starting from September 19, to meet the dual control targets on energy consumption. This has helped to drive up the ferro-silicon price, since semi-coke is a major ferro-silicon raw material.

**Europe**

- European prices surged by 27.66% week on week, rising by €650 per tonne at the midpoint to straddle €3,000 (\$3,477) per tonne delivered in the week to October 1, setting a new record high since Fastmarkets started assessing the market in January 1997. Deals were reported within the new range, with one smaller deal reported as high as €3,150 per tonne, although that was an outlier for now.
- The European market is expected to move higher in the near term on soaring silicon markets in Europe, Asia and the United States. European steelmakers also have reported purchases at the latest assessed price range and seemed resigned to track the market higher because they need the feed to meet their fourth-quarter smelting schedules.
- Consumers are looking to buy ferro-silicon well into the first quarter of next year because European producers have virtually sold out of their scheduled production for the rest of 2021.
- Cementing the price rally are record-high transport costs due to an acute shortage of containers and record high freight rates, making it expensive and difficult to source replacement material.
- Surging energy prices are also a factor, which is further encouraging producers to increase their offer prices. One European ferro-silicon producer was reported to be locked in a tussle with its customers, trying to apply an energy surcharge on long-term agreements (LTAs) for 2022.

**United States**

- The US ferro-silicon market took another leap upward, following in step with the major upward movements seen globally - particularly in China and the surrounding Asian countries.
- The market remains in a shortage state regionally in the US, with expeditious increases in overseas prices now making it more difficult to source material outside the US.
- The lack of material has allowed suppliers that do have available tonnages to elevate offers rapidly with little resistance.
- Market participants suspect prices will continue to run up over the near term given the current supply situation.

## MANGANESE SNAPSHOT: Chinese producers hike tender price for silico-manganese

By Declan Conway, Chris Kavanagh, Siyi Liu, William Clarke - Friday 01 October

Key data from Fastmarkets' pricing sessions in India, Europe, China and the United States on Friday October 1.

GLOBAL MANGANESE ORE AND ALLOY PRICES			
	New price	Previous price	% Change
Manganese ore 44% Mn, cif Tianjin, \$/dmtu	5.40	5.22	▲3.4
Manganese ore 37% Mn, fob Port Elizabeth, \$/dmtu	2.93	2.88	▲1.7
Manganese ore index 37% Mn, cif Tianjin, \$/dmtu	4.59	4.56	▲0.7
Manganese ore port index, base 44% Mn, range 42-48%, fob Tianjin China, yuan/dmtu	41.30	40.40	▲2.2
Manganese ore port index, base 37% Mn, range 35-39%, fob Tianjin China, yuan/dmtu	34.60	34.40	▲0.6
Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, \$/long ton	2,450-2,500	2,450-2,500	0
Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, \$/lb	1.95-2.00	1.95-2.00	0
Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	1,650-1,725	1,600-1,700	▲2.3
Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	11,000-12,000	11,000-12,000	0
Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	1,600-1,650	1,600-1,650	0
Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, \$/lb	1.18-1.20	1.12-1.20	▲2.6
Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	10,000-11,000	10,000-11,000	0
Silico-manganese 65% Mn min, min 16% Si, fob India, \$/tonne	1,500-1,550	1,400-1,430	▲7.8
Manganese ore inventories at the main Chinese ports of Tianjin and Qin Zhou, million tonnes	5.57-5.75	5.52-5.59	▲1.9

Source: Fastmarkets

**China**

Hebei Iron & Steel Group (HBIS) hiked its October tender price for silico-manganese to 12,800 yuan (\$1,979) per tonne, up by 4,150 yuan per tonne (48%) from that for September-delivery.

The sharp increase was attributed to lingering production restrictions among smelters caused by the electricity shortages and energy controls, as well as soaring futures prices.

Portside manganese ore markets trended upwards amid bullish sentiment fueled by alloy strength, while smelters showed a particular appetite for high-grade manganese ore under the electricity limitations.

Buoyant portside prices lent some support to seaborne manganese ore, with some miners lifting their offers for November shipment, while others kept theirs unchanged.

Spot silico-manganese and ferro-manganese prices were rolled over because October 1 is the start of the Golden Week holiday (October 1-7) in China.

**Europe**

High- and medium-carbon ferro-manganese prices rose in Europe in the week to Friday October 1, tracking the record-high manganese flake prices and expected renewed demand from steelmakers early in the month. Silico-manganese prices, meanwhile, were steady, consolidating a small increase from the week before - although they are expected to rise from next week on sharp increases in the silicon and manganese markets.



Replacement costs are expected to be expensive given the record-high costs for few containers that are available, along with record -high freight rates.

Availability in Europe has been relatively tight for months after domestic production cuts, with [Ferroglobe shutting a manganese alloys furnace in Spain](#) because of high energy prices.

### India

The market in India hit a three-month high in the week to October 1, matching the 2021 high point seen on June 25. Prices increased by more than \$100 per tonne on average, or about 8%, compared with the previous week.

Indian producers and traders have been encouraged to boost their offer prices because of surging silicon and manganese flake prices in China, which are being driven by industry speculation that Beijing may introduce new export taxes or value-added taxes on ferro-alloys.

Ferro-alloys production in China has been slashed as the country attempts to tackle its energy crisis.

China has been increasingly restricting electricity consumption after a drought limited hydro-electricity generation and then a coal shortage further exacerbated the situation. And that was in addition to government moves to limit air pollution ahead of the Winter Olympics in Beijing in February 2022.

The Indian silico-manganese market seems set to move higher and to reach its highest levels since Fastmarkets started assessing the market in June 2014.

Indian producers this week increased their domestic offer prices for lower-grade 60/14 silico-manganese to 96,000 rupees (\$1,292) per tonne, up from 92,000 rupees a week earlier. They are also considering increasing 60/14-grade domestic offer prices to 105,000 rupees per tonne due to the energy-related production issues in China leading to greater interest in Asia for Indian alloys, trade sources said.

### United States

The US silico-manganese market continued to narrow upward as new low was achieved with new mill business this week.

The market remains short on supplies, which has been providing support for the current price levels.

Rapidly rising ferro-silicon prices have also led market participants to suspect there may be further rises in store.

High-carbon ferro-manganese prices, meanwhile, maintained their course amid inactivity in the spot market.

## PRICING NOTICE: Open consultation on non-ferrous methodology

By Juliet Walsh - Friday 01 October

Fastmarkets is inviting feedback from the industry on its non-ferrous pricing methodology and product specifications, as part of its announced annual methodology review process.

This consultation, which is open until Friday October 29, 2021, seeks to ensure that our methodology continues to reflect the physical market in base metals, minor metals, ores and alloys, in compliance with the International Organization of Securities Commissions (IOSCO) principles for PRAs. This includes all elements of our pricing process, our price specifications and publication frequency.

View the Fastmarkets non-ferrous methodology [here](#).

### Open consultations

The following non-ferrous consultations remain open and reflect potential changes to some methodologies or specifications.

Fastmarkets has proposed to change to the name and specifications of its [UG2 chrome ore price index](#).

Fastmarkets has proposed to amend the publication timing of its [ferro-chrome benchmark indicator and its ferro-chrome cif China price](#).

Fastmarkets will launch two new [European high-carbon ferro-chrome price assessments](#) on Tuesday October 27 this year, which will run alongside the existing price assessment until the end of 2021.

To provide feedback on the annual review of our non-ferrous methodology, or if you would like to provide price information by becoming a data submitter to these prices or indices, please contact Fastmarkets by email at [pricing@fastmarkets.com](mailto:pricing@fastmarkets.com). For feedback or comment related to base metals, please add the subject heading [FAO: Alice Mason/Chris Kavanagh, re: Non-ferrous methodology](#). For feedback or comment related to minor metals, ores and alloys, please add the subject heading [FAO: Janie Davies/Susan Zou/Chris Kavanagh, re: MOA methodology](#).

Please specify whether your response is confidential. Opinions offered in confidential responses may be referenced but will not be attributed in any way.

Fastmarkets will publish the outcome of this methodology review by Monday 8 November including a summary of the feedback - with the exception of those responses marked as confidential. Any proposals to make material changes, discontinue or launch prices will involve a separate market consultation, the length of which will depend on how substantial the change is for the industry.

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



## Trade log: Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5

By pricing@fastmarkets.com - Friday 01 October

The Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5 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 Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5 at 7.30-8.50 on Friday October 01, 2021.**

- Sale at \$7.30
- Prices indicated at \$7.30-8.00
- Offer at \$8.20
- Prices indicated at \$8.00-8.50
- Deal heard at \$6.80
- Offer at \$7.80
- Prices indicated at \$8.00-8.50
- Prices indicated at \$8.50-9.00
- Sale at \$7.30 for 5 tonnes
- Deal heard at \$8.00 for 20 tonnes
- Offer at \$8.77 for 20 tonnes
- Prices indicated at \$7.50-8.50

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

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

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

## Trade log: Tungsten APT 88.5% WO3 min cif Rotterdam and Baltimore duty-free, \$/mtu WO3

By pricing@fastmarkets.com - Friday 01 October

The Tungsten APT 88.5% WO3 min cif Rotterdam and Baltimore duty-free, \$/mtu WO3 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 Tungsten APT 88.5% WO3 min cif Rotterdam and Baltimore duty-free, \$/mtu WO3 at 315.00-320.00 on Friday October 01, 2021.**

- Offer at \$315.00
- Offer at \$320.00
- Prices indicated at \$312.00-318.00
- Offer at \$315.00-318.00
- Prices indicated at \$320.00
- Prices indicated at \$320.00-325.00
- Deal heard at \$320.00 for 24 tonnes
- Offer at \$318.00 for 15 tonnes

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

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

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

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

By pricing@fastmarkets.com - Friday 01 October

The Ferro-tungsten basis 75% W, in-whs dup Rotterdam, \$/kg W trade log including business, bids and offers reported to Fastmarkets.

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

**Fastmarkets assessed Ferro-tungsten basis 75% W, in-whs dup Rotterdam, \$/kg W at 37.00-38.50 on Friday October 01, 2021.**

- Prices indicated at \$37.00-38.00
- Prices indicated at \$37.00-38.50
- Offer at \$42.00 for 2 tonnes
- Prices indicated at \$38.00-38.75
- Bid at \$38.50

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

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

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

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

By pricing@fastmarkets.com - Friday 01 October

The Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, \$/kg V trade log including business, bids and offers reported to Fastmarkets.

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

**Fastmarkets assessed Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, \$/kg V at 30.50-32.00 on Friday October 01, 2021.**



- Prices indicated at \$30.50-31.50
- Deal heard at \$30.50
- Sale at \$31.90 for 7 tonnes
- Prices indicated at \$30.00-31.50
- Prices indicated at \$30.50-32.00
- Bid at \$30.35
- Offer at \$31.40 for 10 tonnes
- Prices indicated at \$30.50-32.50
- Prices indicated at \$32.00-33.00
- Bid at \$31.00
- Prices indicated at \$30.50-32.50
- Offer at \$30.15 for 7 tonnes
- Prices indicated at \$30.50-32.00

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

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

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

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

By [pricing@fastmarkets.com](mailto:pricing@fastmarkets.com) - Friday 01 October

The Ferro-molybdenum 65% Mo min, in-whs Rotterdam, \$/kg Mo trade log including business, bids and offers reported to Fastmarkets.

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

### Fastmarkets assessed Ferro-molybdenum 65% Mo min, in-whs Rotterdam, \$/kg Mo at 42.50-44.50 on Friday October 01, 2021.

- Deal heard at \$41.00 for 5 tonnes (discarded, below minimum tonnage)
- Offer at \$43.50
- Deal heard at \$42.00 for 16 tonnes
- Sale at \$44.90-45.00 for 5 tonnes (discarded, below minimum tonnage)
- Prices indicated at \$43.50-44.50
- Offer at \$44.50 for 3 tonnes (discarded, below minimum tonnage)
- Offer at \$43.00 for 3 tonnes (discarded, below minimum tonnage)
- Offer at \$44.00
- Prices indicated at \$43.00-43.25
- Offer at \$43.25 for 5 tonnes (discarded, below minimum tonnage)
- Offer at \$43.00
- Offer at \$43.45
- Offer at \$43.75-44.00
- Sale at \$44.50 for 24 tonnes
- Purchase at \$41.00 for 24 tonnes
- Sale at \$44.40 for 24 tonnes
- Deal heard at \$43.50 (discarded, off spec)

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.

## Steel

### Brazilian slab export prices stable amid mixed market signals

By Felipe Peroni - Friday 01 October

Brazilian slab export prices were stable in the week ended Friday October 1, but sources remained concerned about recent price cuts in other regions that could affect the market.

Fastmarkets' weekly price assessment for [steel slab, export, fob main port Brazil](#) was unchanged at \$780-800 per tonne on Friday.

Producers tried to maintain offers at around \$800 per tonne fob, but buyers were resistant.

Inventories were reportedly high in most markets, which made buyers content to wait and see if prices fall further.

Companies were also more optimistic about the lower use of the Section 232 quota on imports of steel products from Brazil. For billet and slab, the limit is 3.5 million tonnes per year, and quarterly volumes cannot surpass 30% of the annual quota.

By September 27, the quota for the third quarter was only 85.33% filled, according to US Customs and Border Protection.

Lower slab prices in Russia and Ukraine have also caused concern that

Brazilian producers might be forced to reduce their prices to keep up with the competition.

Fastmarkets' weekly price assessment for [steel slab export, fob Black Sea, CIS](#) fell by \$50 per tonne on Monday September 27 to \$670-680 per tonne.

One positive for producers is that multiple blast furnace maintenance outages could give support to slab prices from Brazil.

Brazilian flat steel producer [Usiminas](#) is [halting a 600,000-tonnes-per-year blast furnace at Ipatinga](#) for another 90-150 days after an incident the prior week.

The company has already held consultations to secure slab from third parties during the maintenance period, market participants said.

And Canadian steelmaker [ArcelorMittal Dofasco](#) has scheduled an outage involving its basic oxygen furnace beginning in about two weeks, a source with knowledge of the plans told Fastmarkets. The stoppage will last about one month, Fastmarkets has learned.

## South American flat steel import prices hold on lowered market liquidity

*Galvalume® is a registered trademark of BIEC International.*

By Renato Rostás - Friday 01 October

Prices for flat-rolled steel imported into South America were steady in the week to Friday October 1, with the bulk of November-shipment negotiations ending and with a week-long holiday in China drying up market liquidity.

Most traders and mills were out of the market in the week, and deals were rarer. Chinese export allocations, which have already been low in recent months due to planned output cuts and client concerns about its export tax regime, were further reduced due to the National Day holiday in the Asian country starting on Friday.

India and the Commonwealth of Independent States, whose availability had been reported in South America throughout September, were also absent this past week.

“While we heard some deals for Russia-origin [steel] in Peru, we heard no deals for India-origin [material],” a mill source said. “We assess that Indian mills could not secure enough volumes to the South America Pacific coast to arrange a vessel.”

Fastmarkets assessed the price for [steel hot-rolled coil import, cfr main ports South America](#) at \$1,040-1,110 per tonne on Friday, unchanged from a week before.

Market participants received price indications for Chinese HRC mostly at \$1,040 per tonne on the Pacific coast, and at \$1,060 per tonne in Brazil. These were cargoes from traders, since the majority of mills did not issue new offers in the week.

Some sources believed prices for China-origin material to the Pacific coast of South America could be offered as low as \$1,020-1,030 per tonne, although this was the exception.

Meanwhile, Brazilian offers to other countries in the continent were reported at \$1,040 per tonne and at least one source assessed Brazil-origin material at \$1,070-1,080 per tonne. And the latest deal for Japanese cargoes had settled at \$1,110 per tonne.

Fastmarkets’ assessment for [steel cold-rolled import, cfr main ports South America](#) was also stable week-on-week at \$1,135-1,180 per tonne on Friday, reflecting mainly the few offers to Brazil and Colombia.

At least one sale of Japanese CRC was reported closer to the top end of the range, at \$1,175 per tonne - after offers were issued at \$1,180 per tonne.

Fastmarkets’ price assessment for [steel hot-dipped galvanized coil import, cfr main ports South America](#) was also unchanged on a weekly at \$1,220-1,250 per tonne on Friday.

A few traders reported that Chinese material would be offered at \$1,180-1,200 per tonne to both coasts, but most sources deemed \$1,220-1,250 per tonne as a more feasible range. At least one source reported a \$1,260-per-tonne offer to Brazil, and Japan-origin HDG settled on the Pacific at \$1,255 per tonne.

Additionally, Fastmarkets’ price assessment for [steel coil Galvalume import, cfr main ports South America](#) held week on week at \$1,330-1,370 per tonne on Friday, with one sale reported in the beginning of the week at \$1,360-1,370 per tonne, and new offers falling to \$1,330 per tonne by Friday.

Fastmarkets’ [steel plate import, cfr main ports South America](#) assessment narrowed from the previous week - but was stable at the midpoint. The assessment was \$1,070-1,090 per tonne on Friday, narrowing from \$1,060-1,100 per tonne on September 24.

## PRICING NOTICE: September monthly averages

By Fastmarkets MB staff - Friday 01 October

**Due to a technical error, the September monthly averages for the following prices were noted as being for October rather than September.**

MB-STE-0009 - Steel galvanized coil 1mm export, fob main port China, \$/tonne  
 MB-STE-0141 - Steel billet import, cfr Manila, \$/tonne  
 MB-STE-0144 - Steel hot-rolled coil index export, fob main port China, \$/tonne  
 MB-STE-0145 - Steel cold-rolled coil export, fob China main port, \$/tonne  
 MB-STE-0147 - Steel reinforcing bar (rebar) index export, fob China main port, \$/tonne  
 MB-STS-0018 - Stainless steel cold-rolled coil, Asia grade 304 (2mm 2B), cif East Asian port, \$/tonne  
 MB-IRO-0008 - Iron ore 62% Fe fines, cfr Qingdao, \$/tonne  
 MB-IRO-0009 - Iron ore 65% Fe Brazil-origin fines, cfr Qingdao, \$/tonne  
 MB-IRO-0010 - Iron ore 63% Fe Australia-origin lump ore premium, cfr Qingdao, US cents/dmtu  
 MB-IRO-0011 - Iron ore 62% Fe fines, fot Qingdao, yuan/wet tonne  
 MB-IRO-0012 - Iron ore 65% Fe blast furnace pellet, cfr Qingdao, \$/tonne  
 MB-IRO-0013 - Iron ore 66% Fe concentrate, cfr Qingdao, \$/tonne  
 MB-COA-0002 - Hard coking coal, cfr Jingtang, \$/dmt  
 MB-COA-0003 - Premium hard coking coal, fob DBCT, \$/dmt  
 MB-COA-0004 - Hard coking coal, fob DBCT, \$/dmt  
 MB-COA-0005 - Premium hard coking coal, cfr Jingtang, \$/dmt  
 MB-IRO-0015 - Iron ore 58% Fe fines, cfr Qingdao, \$/tonne  
 MB-IRO-0016 - Iron ore 58% Fe fines high-grade premium, cfr Qingdao, \$/tonne  
 MB-IRO-0017 - Iron ore 58% Fe fines high-grade premium index, cfr Qingdao, \$/tonne  
 MB-IRO-0018 - Iron ore 62% Fe fines, % Fe VIU, cfr Qingdao, \$/tonne  
 MB-IRO-0019 - Iron ore 65% Fe fines, % Fe VIU, cfr Qingdao \$/tonne  
 MB-IRO-0020 - Iron ore 62% Fe fines, % Si VIU, cfr Qingdao, \$/tonne  
 MB-IRO-0021 - Iron ore 62% Fe fines, % Al<sub>2</sub>O<sub>3</sub> VIU, cfr Qingdao, \$/tonne  
 MB-IRO-0022 - Iron ore 62% Fe fines, fot Qingdao, \$/tonne conversion  
 MB-STE-0464 - Steel scrap HMS 1&2 (80:20 mix) US material import, cfr main port Taiwan, \$/tonne  
 MB-IRO-0024 - Iron ore 62% Fe fines, 0.01% P VIU, cfr Qingdao, \$/tonne  
 MB-IRO-0076 - Iron ore product differential - 62% Fe Pilbara Blend Fines, cfr Qingdao, \$/tonne  
 MB-IRO-0114 - Iron ore 62% Fe Pilbara blend fines, cfr Qingdao, \$/tonne  
 MB-STS-0280 - Stainless steel hot-rolled coil Asia grade 304, cif port East Asia, \$/tonne  
 MB-STE-0783 - Steel scrap HMS 1&2 (80:20), cfr Vietnam, \$/tonne  
 MB-IRO-0144 - Iron ore 62% Fe low-alumina fines, cfr Qingdao, \$/tonne  
 MB-COA-0007 - PCI low-vol, cfr Jingtang, \$/dmt  
 MB-COA-0008 - PCI low-vol, fob DBCT, \$/dmt  
 MB-STS-0282 - Stainless steel cold-rolled coil 2mm grade 304 export, fob China, \$/tonne  
 MB-STS-0283 - Stainless steel hot-rolled coil grade 304 export, fob China, \$/tonne  
 MB-STE-0874 - Steel scrap H2 export, fob main port Japan, ¥/tonne  
 MB-STE-0875 - Steel scrap shredded export, fob main port Japan, ¥/tonne  
 MB-STE-0876 - Steel scrap Shindachi export, fob main port Japan, ¥/tonne  
 MB-STE-0877 - Steel scrap heavy scrap (HS) export, fob main port Japan, ¥/tonne  
 MB-STE-0878 - Steel scrap H2 Japan-origin import, cfr Vietnam, \$/tonne  
 MB-STE-0879 - Steel scrap H2 Japan origin import, cfr main port South Korea, ¥/tonne  
 MB-STE-0881 - Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr Bangladesh, \$/tonne  
 MB-STE-0889 - Steel scrap, index, heavy recycled steel materials, cfr east China, \$/tonne  
 MB-STE-0890 - Steel billet, import, cfr China, \$/tonne  
 MB-IRO-0177 - Iron ore pellet premium over 65% Fe fines, cfr China, \$/tonne  
 MB-STE-0895 - Steel scrap, index, heavy recycled steel materials, cfr north

China, \$/tonne

MB-IRO-0178 - Pig iron, import, cfr China, \$/tonne

This has been corrected in Fastmarkets' database.

For more information or to provide feedback on the delayed publication of this price, or if you would like to provide price information by becoming a data submitter to this index, please contact [pricing@fastmarkets.com](mailto:pricing@fastmarkets.com). Please add the subject heading "FAO: September monthly averages." To see all Fastmarkets pricing methodology and specification documents go to <https://www.fastmarkets.com/about-us/methodology>.



## STEEL SCRAP WRAP: Slew of cargo buys boosts Turkey scrap import prices

By Cem Turken, Paul Lim, Lee Allen, Carrie Bone, Amy Hinton, Tianran Zhao - Friday 01 October

Rising demand led to higher ferrous scrap prices for material imported into Turkey in the week to Friday October 1, while prices in most other markets were comparatively lackluster.

- Turkish mills were increasingly active in the market over the week, leading to an uptick in regional import prices
- United States sellers were able to sell at higher levels amid an increased appetite for scrap in Turkey
- Demand from the construction sector bolstered Vietnamese scrap imports
- Chinese market activity was unremarkable in the approach to the National Day holiday period
- An end to restocking put downward pressure on Taiwanese import prices
- A resurgence of optimism in India's scrap market followed a drop in prices at the start of the week

### Turkey

Turkish mills bought eight cargoes for November shipment of Baltic, European, US and Venezuelan origin in the week to Friday October 1.

#### Pricing history

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

### United States

A Turkish mill returned to the United States deep-sea ferrous scrap market after a period of abstinence to purchase US origin scrap at a \$1- to \$4-per-tonne increase compared with the last US sale to the region, Fastmarkets learned on October 1.

#### Pricing history

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

### Vietnam

A resurgence in regional construction led to a surge in ferrous scrap imported into Vietnam over the course of the week.

#### Pricing history

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

### China

Chinese import prices for ferrous scrap remained stable in the lead up to the country's week-long National Day Holiday, which commenced on October 1.

#### Pricing history

steel scrap, heavy recycled steel materials, cfr China

### Taiwan

An end to Taiwanese restocking endeavors pushed down prices for imported containerized scrap into the country over the period.

#### Pricing history

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

### India

After falling at the beginning of the week, prices for Indian ferrous scrap looked set to rise by the end of it as a slew of higher offers with sentiment improved amid increased China billet sales.

#### Pricing history

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

### GLOBAL WEEKLY SCRAP WRAP

	Price on 01/10	Price on 24/09	Value change week on week
Steel scrap HMS 1&2 (80:20 mix) North Europe origin, cfr Turkey, \$/tonne	434.01	429.63	▲ 4.38
Steel scrap HMS 1&2 (80:20 mix) US origin, cfr Turkey, \$/tonne	440.69	435.19	▲ 5.50
Steel scrap HMS 1&2 (80:20 mix) export, fob main port UK, \$/tonne*	394.5	406	▼ 11.50
Steel scrap HMS 1&2 (80:20), export index, fob New York, \$/tonne	402.71	402.71	0.00
Steel scrap HMS 1&2 (80:20), export index, fob Los Angeles, \$/tonne	435	430	▲ 5.00
Steel scrap HMS 1&2 (80:20 mix) US material import, cfr main port Taiwan, \$/tonne*	460	463	▼ 3.00
Steel scrap, heavy recycled steel materials, cfr China, \$/tonne*	519.69	519.33	▲ 0.36
Steel scrap, shredded, index, import, cfr Nhava Sheva, India, \$/tonne	515.25	515.37	▼ 0.12
Steel scrap, shredded, import, cfr delivered Turkish port, \$/tonne*	454	451.5	▲ 2.50
Steel scrap HMS 1&2 (80:20), cfr Vietnam, \$/tonne*	517.5	512.5	▲ 5.00
*midpoint of the price assessment range			Source: Fastmarkets

## Brazil pig iron export market stable on full order books

By Marina Shulga - Friday 01 October

The market for pig iron exports from Brazil was stable during the week to Friday October 1 because suppliers have full order books until late December-January.

Fastmarkets' price assessment of pig iron, export, fob port of Vitoria/Rio, Brazil was \$480 per tonne on Friday, stable week on week.

"We are sold out till January, so right now we are not very active in the market," one supplier said.

Active sales to China have slowed due to the National Day holiday on October 1-7 there, one source said.

Another source said that traders are less interested in buying material for the Chinese market because there is no confidence that the market there will grow.

Meanwhile, some demand was reported from pig iron distributors in the United States at a level of \$480 per tonne fob "or slightly above," another source said.

Fastmarkets' price assessment of pig iron, export, fob Ponta da Madeira, Brazil was \$520 per tonne on Friday, unchanged from a week earlier.

No negotiations of low-phosphorous pig iron from the north of Brazil were heard over the week, but several traders said a cargo of high-phosphorous pig iron with January shipment was available at \$485 per tonne fob.



## UK STEEL SCRAP WEEKLY: Price range rolls over; traders eye October talks

By Declan Conway - Friday 01 October

The inter-merchant market for light-iron steel scrap in the UK was steady for the second week in a row in the week to Friday October 1, with major processors holding their offer prices stable to ensure a steady stream of supply into their yards, sources said.

Fastmarkets' weekly price assessment for [steel scrap 5C loose old light domestic, delivered inter-merchant UK](#) was £170-190 (\$229-256) per tonne on Friday, unchanged from the previous week.

Sourcing enough scrap to keep their machines cost-effective has been a challenge for major processors for the past few months, although it has supported offer prices and encouraged a steady stream of supply.

European exports into the Indian subcontinent have been generally well-held in that time, although export prices into Turkey have drifted down by around \$80 per tonne since May. 80% of the 10 million tonnes of steel scrap typically generated by the UK each year is exported, so the export market has a key influence on domestic prices.

"All is quiet in the UK scrap market; we seem to have reached an equilibrium with no one pushing 5C (light iron) prices higher, but again no downward movements either," one major processor said.

"Availability of light iron scrap is still below pre-Covid-19 levels but (profit) margins have been squeezed to the point where distance is a limiting factor in attracting more feed," the processor added.

"The best light iron price around here is about £175 per tonne, although we hear that prices are higher in the Southeast [of England]," one industry source said. "Most scrap dealers here are expecting around £5 per tonne off in the monthly settlements for October or £10 per tonne down as an absolute maximum."

Other factors have also influenced international trade, such as an acute shortage of containers and record-high freight rates. Easing of Covid-19 restrictions and huge economic-recovery investment projects has spurred a strong bounce in demand, but there has also been fierce competition for ships and containers. Most recently there has been a steep jump in gas prices, which is already impacting UK steel production.

Market focus in the UK steel scrap industry is now firmly on imminent negotiations for monthly delivery contracts into domestic consumers for October.

UK monthly delivery settlements to domestic steel mills were agreed at a reduction of around £15 per tonne. A couple of the major domestic steel mills wanted a [reduction of more than £20 per tonne for September deliveries](#); their intake of steel scrap in recent months has been less than half of what they usually buy, according to some scrap suppliers.

In terms of exports, European prices for steel scrap exports into traditional deep-sea destinations such as Turkey have increased over the past week, with a mixed outcome for prices into India and Pakistan.

Fastmarkets' calculation of its daily index for [steel scrap HMS 1&2 \(80:20 mix\) North Europe origin, cfr Turkey](#) was calculated at \$434.01 per tonne on Friday, up from \$429.63 per tonne a week earlier after Turkish steel mills resumed buying cargoes in the week.

Fastmarkets' calculation of the corresponding [steel scrap shredded, index, import, cfr Nhava Sheva, India](#) was \$515.25 per tonne on Friday, fractionally down from \$515.37 per tonne the previous week.

Fastmarkets' calculation of the [steel scrap, shredded, index, import, cfr Port](#)

[Qasim, Pakistan](#) was at \$508.69 per tonne on Friday, down from \$520.32 per tonne one week before.

## US PIG IRON: Market calm; key buyers wait and see

By Marina Shulga - Friday 01 October

The import pig-iron market in the United States was calm in the week to Friday October 1 because steel makers - the key buyers - preferred to wait and see in an unclear scrap market, which is a strong indicator for them.

Fastmarkets' assessment of the price of [pig iron, import, cfr Gulf of Mexico, US](#) was \$530-540 per tonne on Friday, [unchanged week on week](#).

Steelmakers, who are the key pig iron buyers in the US, preferred to postpone booking until the scrap price in October is clear.

"It was expected that the prime scrap will drop \$20-30 per tonne in October, but now there are mixed signs on prime scrap, and it may go sideways," one pig-iron buyer from the US said.

Another source said that some demand in the US was seen only from pig-iron distributors on high-phosphorous pig iron from the south of Brazil.

The market level was estimated by sources at \$530-540 per tonne cfr.

"This week has been rather silent, but mills need to restock, so we may see more activity next week, when there is more clarity in the scrap market," another source said.

## DAILY STEEL SCRAP: Turkish bookings reached eight cargoes this week

By Cem Turken - Friday 01 October

[Turkish steel mills ended the working week with additional deep-sea cargo deals for November shipments, market participants told Fastmarkets on Friday October 1.](#)

A steel mill in the Izmir region booked a US cargo comprising HMS 1&2 (80:20) at \$443 per tonne and shredded and bonus at \$458 per tonne cfr. Although, the cargo composition was not yet confirmed, the seller source said.

And a steel mill in the Marmara region booked a Baltic Sea cargo at \$434 per tonne cfr on an HMS 1&2 (80:20) basis. However, the cargo breakdown was not clear at the time of publication.

These bookings compare with previous Baltic-Sea deals heard on Thursday September 30 at \$434 and \$435 per tonne on an HMS 1&2 (80:20) basis.

As a result, the daily scrap indices increased at the end of the week.

Fastmarkets' daily index for [steel scrap HMS 1&2 \(80:20 mix\) North Europe origin, cfr Turkey](#) was calculated at \$434.01 per tonne on Friday October 1, up by \$4.26 per tonne day on day.

And Fastmarkets' calculation of the daily index for [steel scrap HMS 1&2 \(80:20 mix\), United States origin, cfr Turkey](#) was \$440.69 per tonne on October 1, up by \$5.38 per tonne day on day.

This put the premium for US-origin material over European scrap at \$6.68 per tonne on October 1, compared with \$5.56 per tonne on September 30.

With the latest booking, Turkish deep-sea scrap imports reached eight cargoes this week.



Three cargo deals were heard on Thursday September 30.

A steel mill in the Iskenderun region booked a Baltic Sea cargo comprising 12,000 tonnes of HMS 1&2 (80:20) at \$435 per tonne, along with 8,000 tonnes of shredded and 12,000 tonnes of bonus at \$450 per tonne cfr.

Another mill in the Izmir region also booked a 30,000-tonne Baltic Sea cargo consisting of HMS 1&2 (80:20) at \$434 per tonne and bonus at \$449 per tonne cfr.

A second steel mill in the Iskenderun region booked a European cargo, comprising 20,000 tonnes of HMS 1&2 (80:20), 10,000 tonnes of shredded, and 10,000 tonnes of a mixture of plate and structural (P&S) and HMS 1 at an average price of \$442 per tonne cfr.

Three deals were heard on September 28.

Another steel mill in the Marmara region booked a European cargo at \$426 per tonne cfr for HMS 1&2 (80:20).

The same mill also booked a Venezuelan cargo at \$434 per tonne cfr, also on an HMS 1&2 (80:20) basis – although this deal was not included in the calculation of Fastmarkets' daily indices because Venezuela is not a traditional origin for scrap.

A steel mill in northern Turkey booked a Baltic Sea cargo comprising 15,000 tonnes of HMS 1&2 (80:20) at \$442 per tonne and 15,000 tonnes of bonus at \$457 per tonne cfr.

*Fastmarkets is hosting a complimentary webinar on the European flat steel industry on October 12. Register free via [this link](#) to hear our experts and analysts discussing the biggest issues facing the market.*

## DR iron ore pellet premium holds at \$70 for Q3; drops \$20 for Q4

By Marina Shulga - Friday 01 October

**The premium for direct-reduced (DR) iron ore pellet remained at \$70 per tonne for shipments in the third quarter of 2021, but will fall by \$20 in the fourth quarter, sources told Fastmarkets on Thursday September 30.**

Fastmarkets' assessment of the [iron ore DR-grade pellet premium to 65% Fe fines index, Middle East](#) reference was \$70 per tonne on September 30, [unchanged month on month](#).

The calculation of the corresponding index for [iron ore, 65% Fe Brazil-origin fines, cfr Qingdao](#), which has been used as the base for DR pellet premium contracts since 2019, averaged \$142.83 per tonne in September, falling from \$184.50 per tonne in August amid soft demand.

Market participants expect the premium to drop by \$20 to \$50 per tonne starting from October amid excess supply.

Vale, the key DR pellet exporter and a trend setter in the market, settled its [DR pellet premium for the fourth quarter at \\$50 per tonne](#), sources told Fastmarkets.

"Supply overcomes demand now, because China is buying less pellet, Samarco [in Brazil] has been increasing supply and we see higher availability from Bahrain Steel, because they receive more pellet feed from Anglo American," one pellet buyer said.

Another source said the excess supply was caused mainly by lower demand in China. Steelmakers there predominantly buy blast furnace [BF] pellet, although suppliers can normally switch between production of DR- and BF-grade pellet, and lower demand of one type causes potentially higher

availability of the other type, he explained.

"Now the gap between the premium of BF and DR pellet is very narrow and that makes production of DR pellet [which has higher production costs] unfavourable for them," the source added. "That means that in the near term, they may reduce production of the DR pellet."

Vale settled its BF pellet premium for the fourth quarter at \$47 per tonne, down \$15 per tonne from the third-quarter premium of \$62 per tonne. This means the gap between DR and BF-grade pellets has reduced to \$3 per tonne for the fourth quarter from \$8 per tonne in the third quarter.

*Fastmarkets is hosting a complimentary webinar on the European flat steel industry on October 12. Register free via [this link](#) to hear our experts and analysts discussing the biggest issues facing the market.*

## SOUTH ASIA STEEL SCRAP: Prices fluctuate through volatile week

By Carrie Bone - Friday 01 October

**Prices for shredded steel scrap imported into Pakistan fell in the week to Friday October 1, while Indian scrap prices stabilized after a mid-week change in sentiment for both markets, sources told Fastmarkets.**

### Pakistan

Fastmarkets calculated its [weekly steel scrap, shredded, index, import, cfr Port Qasim, Pakistan](#) at \$508.69 per tonne on Friday, down from \$520.32 per tonne one week previous.

Prices dropped at the start of the week, with deals reported at \$505-508 per tonne, before increasing to \$512-514 per tonne mid-to-end of the week, and offers as high as \$515-520 per tonne.

This compares to a \$515-520 per tonne deal level last week. Mills were said to be bidding as low as \$500 per tonne, which one trader said described as "ambitious."

"Let them be ambitious; next week, prices will rise. From Thursday, India came back to the market and started buying, so now there is no more cheap material available for Pakistan. Sentiment is positive because China is away on holiday," a trader said.

### India

Fastmarkets' calculation of the [steel scrap, shredded, index, import, cfr Nhava Sheva, India](#) was \$ 515.25 per tonne on Friday October 1, compared to \$ 513.09 per tonne on Tuesday September 28, and \$515.37 per tonne one week earlier.

Two deals were heard this week, one at the start of the week at \$517 per tonne and another mid-week at \$520 per tonne.

This compares with a deal level of \$522 per tonne the previous week.

Offer prices increased towards the end of the working week after a rise in finished steel prices, with rebar reportedly moving up by \$33 per tonne on Friday.

Export sales of billet to China were also supporting the positive market sentiment.

"The [scrap prices] are up \$5-7 per tonne, due to finished steel, and billet going up in India. China is buying all the billet. There is a lot of activity happening, it's a strong market and it's a festive season this month [in India] until mid-October," a seller said.

Fastmarkets' [weekly price assessment for steel scrap, HMS 1&2 \(80:20 mix\), import, cfr Nhava Sheva, India](#) was \$460 - 480 per tonne on Friday, up from



\$440-465 per tonne one week earlier.

An offer from the United Kingdom was heard at \$460 per tonne this week, while deals were heard at \$475 and \$480 per tonne for material from the Middle East.

Prices for HMS into India were also boosted by heavy-melt scrap prices rising in Turkey.

Fastmarkets [daily index for Steel scrap HMS 1&2 \(80:20 mix\) North Europe origin, cfr Turkey](#) rose to \$434.01 per tonne on Friday, up from \$429.63 per tonne a week ago.

"[HMS] prices have started increasing and are on par with the international market - although not yet for shredded. News of China and power its shortages, [the fact] the monsoon season is over and all states [in India now] working and business resuming - it's all falling into place," a second seller said.

"The third and fourth quarter are always good [for business because the] monsoon season ends and mid-October until the first week November is the festive season," he added.

## EUROPE HRC: Prices stable; buyers expect prices to fall

By Maria Tanatar - Friday 01 October

**Domestic prices for hot-rolled coil in Europe were fairly stable on Friday October 1 because buyers held back from making new deals, sources told Fastmarkets.**

Buyers have paused purchases because they anticipate that domestic mills will soon accept lower prices. In addition, the stocks of European distributors were sufficient so they felt no pressure to get additional volumes in the short run, sources said.

In addition, in the beginning of the fourth quarter European importers have been focused on customs clearance of the goods stocked in ports. Sources estimate that 1.5 million-2 million tonnes of steel products are currently awaiting customs clearance in ports.

HRC imported from India and Russia have most likely exceeded their quotas and so some volumes will be subject to duties of 25%. Consequently, buyers have rushed to clear imports through customs to minimize the impact on their deals. European authorities have not updated the information on imported volumes yet.

Bearish sentiment in the market has also been supported by lower automotive demand. The industry has been running at reduced rates recently because of the global semiconductor shortage. As a result, additional volumes of coil have been released in the spot market.

Fastmarkets calculated its daily [steel hot-rolled coil index, domestic, exw Northern Europe](#) at €1,043.75 (\$1,209.58) per tonne on October 1, up by €1.25 per tonne from €1,042.50 per tonne on September 30.

The index was, however, down by €10.00 per tonne week on week and down by €85.42 per tonne month on month.

Friday's index was based on achievable price estimates of €1,030-1,050 per tonne ex-works.

Fastmarkets calculated its corresponding daily [steel HRC index, domestic, exw Italy](#) at €955.00 per tonne on October 1, down by €2.50 per tonne from €957.50 per tonne on September 30.

The index was down by €8.75 per tonne week on week and by €61.42 per tonne month on month.

It was based on achievable prices heard at €950-960 per tonne ex-works.

*Fastmarkets is hosting a complimentary webinar on the European flat steel industry on October 12. [Register free via this link](#) to hear our experts and analysts discussing the biggest issues facing the market.*

## TURKEY FLAT STEEL: Low demand pushes prices further down

By Serife Durmus - Friday 01 October

**Flat steel prices continued to fall in Turkey during the week ended Friday October 1 because of weak demand, sources told Fastmarkets.**

Buyers wanted to prices to flatten before placing orders and end-user demand was also weak, sources said.

### Domestic prices

Fastmarkets' weekly price assessment for [steel hot-rolled coil, domestic, exw Turkey](#) was \$880-900 per tonne on October 1, falling from \$890-920 per tonne on September 24.

Turkish HRC producers were offering HRC at \$880-910 per tonne ex-works during the week for November production, falling from the offers at \$890-920 per tonne ex-works [heard last week](#).

Most buyers in the country believed there is more room for HRC prices to fall because of globally weakening prices.

Cold-rolled coil prices also decreased during the week.

Producers were offering 1mm thick CRC at \$1,000-1,040 per tonne ex-works, decreasing from offers at \$1,070-1,090 per tonne ex-works the previous week.

Deals were heard at \$990-1,000 per tonne ex-works.

Fastmarkets' weekly price assessment for [steel cold-rolled coil, domestic, exw Turkey](#) was \$990-1,020 per tonne on Friday, falling from \$1,070-1,080 per tonne on September 24.

### HRC exports

The export market for HRC was also [slow during the week](#) due to weak demand in Europe, Turkey's biggest export market.

Turkey offered HRC at \$880-900 per tonne fob, narrowing down from offers at \$880-920 per tonne fob last week.

Fastmarkets' weekly price assessment for [steel HRC, export, fob main port Turkey](#) was \$880-900 per tonne on October 1, narrowing downward from \$880-930 per tonne on September 24.

### Import prices

Serbia sold about 10,000 tonnes of HRC to Turkey at \$860 per tonne cfr during the week, sources said.

HRC was offered from one producer in Russia at \$860 per tonne cfr, and buyers were bidding \$840-850 per tonne cfr.

India offered the product at \$880 per tonne cfr, falling from offers at \$930 per tonne cfr the previous week.

However, Indian offers for HRC were still too high, sources said.

Fastmarkets' weekly price assessment for [steel HRC, import, cfr main port Turkey](#) was \$850-860 per tonne on Friday, falling from \$855-880 per tonne on



September 24.

Ukraine sold HRC to Turkey at \$835 cfr Turkey during the week. The deal was not included in the assessment because the information was received after the prices were published.

CRC import offer prices from Ukraine were heard at \$1,000 per tonne cfr, but no deals were heard.

As a result, Fastmarkets' weekly price assessment for [steel CRC import, cfr main port Turkey](#) was \$990-1,000 per tonne on October 1, unchanged since September 17.

## TURKEY COATED FLAT STEEL: Demand very weak on decreasing prices

By Serife Durmus - Friday 01 October

**Demand for coated steel coil in Turkey was very weak during the week to Friday October 1, with prices decreasing further, sources told Fastmarkets.**

Stock levels for the product were enough for buyers to wait and see how low prices would go, sources said.

Hot-rolled coil prices kept decreasing as well, so buyers continued to expect more price cuts for coated coil.

Fastmarkets' weekly price assessment for [steel hot-rolled coil domestic, exw Turkey](#) was \$880-900 per tonne on October 1, falling from \$890-920 per tonne on September 24.

### Domestic prices

Fastmarkets' weekly price assessment for [steel hot-dipped galvanized \(HDG\) coil domestic, exw Turkey](#) was \$1,150-1,160 per tonne on October 1, falling from \$1,160-1,200 per tonne on September 24.

Turkish producers were offering 0.5mm thick HDG with Z100 coating at around \$1,150-1,170 per tonne ex-works, falling from [offers at \\$1,200 per tonne ex-works a week earlier](#).

Fastmarkets' weekly price assessment for [steel prepainted galvanized domestic, exw Turkey](#) was \$1,250-1,260 per tonne on Friday, falling from \$1,260-1,270 per tonne on September 24.

Offer prices for prepainted galvanized iron, also known as color-coated coil of 0.50 mm thickness with 9002 color code, were \$1,250-1,280 per tonne ex-works, widening from the offers at \$1,270 per tonne ex-works a week prior.

### HDG exports

HDG was on offer from Turkey at \$1,150-1,170 per tonne fob, falling from \$1,200-1,210 per tonne fob offered one week earlier.

No deals were heard because buyers in the export markets also believed prices will decrease further, Turkish HDG exporters said.

As a result, Fastmarkets' weekly price assessment for [steel HDG export, fob Turkey](#) was \$1,150-1,160 per tonne on October 1, falling from \$1,180-1,200 per tonne on September 24.

## POLAND WIRE ROD: Price dips on low demand, pressure from imports

By Julia Bolotova - Friday 01 October

**Poland's steel wire rod producers decreased their offers for October due to weak buying activity and cheaper imports, sources told Fastmarkets.**

Offers from local producers for October material were heard at 3,800-3,900 zloty (\$953-978) per tonne delivered, down sharply from the [initial September rolling offers](#) of 4,100-4,230 zloty per tonne.

The domestic wire rod market has been downbeat in September, with prices sliding due to slow trading and wide availability of cheap imports, sources told Fastmarkets.

Some market participants expect the downtrend to persist in October.

"Demand for October... will be weak, customers wait for further price cuts," a distributor in the local market said.

Fastmarkets' weekly price assessment for [steel wire rod \(drawing quality\), domestic, delivered Poland](#) was 3,800-3,900 zloty (\$953-978) per tonne on October 1, down by 100-150 zloty per tonne week on week from 3,900-4,050 zloty per tonne.

October offers from Czech-based producer Liberty Ostrava to the Polish market were 3,600 zloty per tonne delivered, sources said, although buying interest was limited because the company required a 100% pre-payment.

Increased availability of imported wire rod in Poland's market also put pressure on domestic prices, sources said.

The new quotas for steel product imports into the European Union became available on October 1 for the fourth quarter of the year.

Wire rod offers from the Commonwealth of Independent States to Poland were heard at €760-770 (\$881-892) per tonne dap border, equivalent to about €785-800 per tonne delivered, sources said.

## CIS PIG IRON: Market stable on reduced trading activity

By Marina Shulga - Friday 01 October

**The export pig-iron market from the Commonwealth of Independent States was firm during the week to Thursday September 30 on reduced trading activity.**

Fastmarkets assessed the price of [high-manganese pig iron, export, fob main port Black Sea, CIS](#) at \$490-515 per tonne on Thursday, widening downward from \$490-518 per tonne [the previous week](#).

Several sources said that a sale of Ukraine-origin pig iron to China was likely to be concluded at \$550-560 per tonne cfr, or about \$490 per tonne fob – although the deal had not been confirmed at the time of publication.

"Purchases in the Chinese market have slowed down, mainly because large traders are not confident in further market growth," one international trader said.

No new sales were reported to the United States – the key regular pig-iron buyers. Suppliers' price suggestions were heard at \$540-550 per tonne cfr in the US, or close to \$490 per tonne fob. That was \$20-25 per tonne above the workable level for large buyers.



In Turkey, offers of CIS-origin pig iron were reported at \$530-540 per tonne cfr, or close to \$505-510 per tonne fob. That was also \$20-25 per tonne above the price preferences of large consumers.

"Now no one is really intending to sell, because a lot was sold to China and other markets already, and no one really needs to buy, because buyers restocked earlier," another trader said. "That is why the gap between suppliers' and buyers' price ideas is rather wide."

In Italy, where the latest booking of Ukraine-origin material was made in late September at \$548-553 per tonne cfr, the workable level for buyers dropped to \$535-540 per tonne cfr, or about \$500-505 per tonne fob.

"Those who needed to buy have already restocked and are indicating lower workable levels," a third trader said.

One source said that suppliers were not likely to reduce prices below \$550 per tonne cfr, or \$515 per tonne fob, which was the average price for the latest bookings.

Fastmarkets' price assessment for [pig iron import, cfr Italy](#) was \$540-550 per tonne on Thursday, down from \$548-553 per tonne the previous week.

The assessment for [low-manganese pig iron export, fob main port Baltic Sea, CIS](#) was unchanged at \$560-580 per tonne on Thursday.

No market activity was reported because suppliers from the region preferred to focus on the local market and sales of other products.

## POLAND REBAR: Price continue to sink but yet to reach a floor

By Julia Bolotova - Friday 01 October

**The downtrend in Poland's domestic market for steel rebar continued in the week to October 1; prices dropped amid weak daily demand and a bearish outlook, sources told Fastmarkets.**

Fastmarkets' price assessment for [steel reinforcing bar \(rebar\), domestic, exw Poland](#) was 3,700-3,800 zloty (\$928-953) per tonne on Friday, down by 50-100 zloty per tonne from 3,800-3,850 zloty per tonne the previous week.

The assessment was based on deals, offers and markets sources' estimations of achievable prices.

Some mills continued to hold back from the market in the week to assess the situation, sources said.

"CMC Zawiercie is still not in the market... they are supposed to give new offers next week or so," one trader said.

Trading activity in the local market has remained slow due to market participants' expectations of further price declines.

"No one wants to buy rebar now; there are expectations that in October prices will fall more," another trader said. "I think the [rebar] price in October will reach a bottom of about 3,600-3,650 zloty per tonne cpt, then some distributors will have to replenish stocks."

In the secondary market, rebar prices fell to 3,650-3,740 zloty per tonne delivered, down from 3,780-3,800 zloty per tonne delivered last week.

"The prices [in the secondary market] keeps sliding. Every distributor with stock is currently selling [rebar] with loss, sometimes reaching €60-80 (\$69-93) per tonne," another source said.

The import material from CIS countries that is coming to the market now was booked in August-September at €790-800 dap border (€815-830 per tonne delivered), which is now in line with, or even exceeds, domestic prices, sources

said.

Quotas limited interest for overseas rebar in Poland.

"The fourth quarter quota will be gone in a week. So, there are only two options: either to buy the material for January or pay 25% duty," a distributor said.

## Philippine importers asked to pay higher for steel billet amid tight supply

By Lee Allen - Friday 01 October

**Buyers in the Philippines are being asked to bid higher to secure steel billet cargoes due to limited supply available to the Philippine market, sources told Fastmarkets.**

In China's latest round of buying in the week to October 1, the steelmaking behemoth took in material from [Russia, Turkey and Indonesia, among others](#). Total purchases of import billet to China since September 6 have now reached around 1 million tonnes, Fastmarkets estimates.

Chinese buyers are now likely to be quiet for the coming week given they are celebrating the National Day holiday on October 1-7, which may give Philippine buyers the chance to enter the market and book cargoes, sources said.

China's frenetic buying activity has reduced supply, however, forcing some buyers in the Philippines to raise their bid prices.

Fastmarkets' price assessment for [steel billet, import, cfr Manila for 5sp material](#) was \$685-700 per tonne on Friday, up \$5-10 per tonne from \$680-690 per tonne cfr day on day.

Offers available were limited on Friday. Vietnamese 3sp blast furnace (BF) billet was still on offer at \$680-690 per tonne fob on Friday, with freight costs of around \$35 per tonne to China, but no deal could be concluded in the week, sources said. A cargo of Russian 125mm 5sp electric arc furnace (EAF) billet was believed to still be unsold and in the market after bids were solicited at \$700 per tonne cfr Manila [earlier in the week](#).

"There is not much cargo floating around now. The Philippine market is not fantastic and sentiment is not good but they still have downstream steel orders to fulfill," a Singaporean billet trader said.

There was a bid for 6,000 tonnes of Japan-origin 3sp EAF billet heard in the middle of the week at \$690-695 per tonne cfr Manila, the source said, but he added that Japanese mills are unable to supply anything close to this price given the east Asian country's strong local market prices.

Based on the 3sp bid level, the source said that the tradeable level for standard 5sp billets would be \$695-700 per tonne cfr Manila on Friday.

A Japanese billet trading source said on Friday that prices of \$685-690 per tonne cfr Manila for standard 5sp blast furnace or EAF billet were of interest to buyers, up from \$680-690 per tonne cfr at the start of the week.

A steelmaker source from the Commonwealth of Independent States said that at least \$700 per tonne cfr Manila would be required for a sale of standard 5sp BF or EAF billet on Friday, up \$5 from \$695 per tonne cfr Manila one week before.

But a Philippine trader source said that bids for 3sp at \$690-695 per tonne cfr Manila were unlikely, unless the billet was to be used to produce angle bar; the sources said that \$685 per tonne cfr would be the workable price for 5sp buyers on Friday.

The source added that cfr Philippines deals would be unlikely next week "unless buyers receive offers that will be hard to refuse."



Elsewhere in Southeast Asia, a deal for Iranian-origin steel billet was concluded at \$697 per tonne cfr Indonesia.

## S KOREA IMPORT STEEL SCRAP: Local market rise increases import interest

By Lee Allen - Friday 01 October

**A rise in South Korean domestic steel scrap prices has led to greater interest in booking import cargoes to the country in recent days, sources said on Friday October 1.**

Korean steelmakers increased their scrap buy prices by 10,000 Won (\$8) per tonne on Friday, a mill source in the country told Fastmarkets.

Solid long steel demand means that despite the rise in cost and some mills in the country **reducing their intake of import scrap** recently, South Korean mills are still enjoying a "good" rebar-scrap margin for domestic material, the Korean steelmaker source added.

The rise in the Korean local market came on the same day as a fresh announcement of buy-price increases by major Japanese electric-arc furnace operator Tokyo Steel, which raised its local scrap purchase prices by ¥1,000-2,000 (\$8.95-17.90) per tonne from October 2 at all its steelworks.

Japanese mills have purchased domestic H2 at ¥48,000-50,000 per tonne delivered this week, sources said, with heavy scrap (HS) purchased at ¥60,000-64,000 per tonne.

### H2 prices rise into Korea

The increase in the Japanese local market directly led to a rise in the Korean import market for Japan-origin scrap.

Fastmarkets' price assessment of **steel scrap H2, Japan origin, import, cfr main port South Korea** was ¥52,500-53,500 per tonne on Friday, up ¥1,000-1,500 from ¥51,500-52,000 per tonne last week.

"Tokyo Steel raised its price so Japanese offers for H2 are ¥49,000-50,000 per tonne fob [on Friday]," a Japanese trading source said.

Forex markets are another factor influencing the increase in Japanese export prices, a Japan scrap supplier source said.

"The Japanese yen is weaker now, so the fob price is getting higher even though the US dollar cfr price remains unchanged. That is why Tokyo Steel is raising its list prices," he said.

A transaction for Japan H2 scrap in bulk was **heard concluded at \$498 per tonne cfr Vietnam** this week, while other market participants said that Vietnam is able to pay \$500 per tonne cfr for the grade.

The price sold to Vietnam would equate to ¥55,627 per tonne cfr Vietnam on Friday October 1, compared with ¥54,799 per tonne one week prior on September 24, which means there was a forex-influenced increase of ¥828 (\$8) per tonne week on week.

### Deep-sea market

Although South Korean mills have avoided purchases of United States-origin and Australia-origin scrap cargoes in recent weeks, there has been more demand in the market for Russian material, which has been available at cheaper prices.

A cargo of 25,000 tonnes of Russian A3 scrap was sold to a South Korean mill at \$483 per tonne cfr this week, several market participants told Fastmarkets.

A Singaporean trading source said that Korea's cost advantage relating to freight, financing and handling costs meant that even if the Vietnamese market for deep-sea imports of heavy melting scrap 1&2 was at \$515-520 per tonne cfr, South Korean buyers would not need to consider prices much more than \$500 per tonne cfr.

The Korean mill source said he expected sellers would accept \$510 per tonne cfr South Korea for deep-sea HMS 1&2 (80:20) in the current market environment.

Fastmarkets' weekly price assessment for **steel scrap, HMS 1&2 (80:20), deep-sea origin, import, cfr South Korea** was \$500-510 per tonne on Friday, narrowing upward by \$5 compared with \$495-510 per tonne one week before.

Offers for deep-sea scrap cargoes from the US were muted this week, with sellers said to be awaiting the results of October's monthly domestic steel scrap settlement.

Domestic trades kicked off with a key steelmaker **purchasing No.1 busheling at unchanged prices** on Thursday, despite expectations that prices for the grade would fall.

## IRON ORE DAILY: Liquidity limited during Chinese holiday

By Zihao Yu - Friday 01 October

**Trading activity was limited in the seaborne market on Friday October 1 during the start of the Chinese holiday.**

### Fastmarkets iron ore indices

**62% Fe fines, cfr Qingdao:** \$115.79 per tonne, down \$3.44 per tonne

**62% Fe low-alumina fines, cfr Qingdao:** \$118.54 per tonne, down \$3.40 per tonne

**58% Fe fines high-grade premium, cfr Qingdao:** \$88.06 per tonne, down \$3 per tonne

**65% Fe Brazil-origin fines, cfr Qingdao:** \$138.20 per tonne, down \$3 per tonne

**63% Fe Australia-origin lump ore premium, cfr Qingdao:** \$0.16 per dry metric tonne unit (dmtu), up \$0.005 per dmtu

**62% Fe fines, fot Qingdao: 877 yuan per wet metric tonne** (implied 62% Fe China Port Price: \$125.71 per dry tonne), unchanged

### Key drivers

The Dalian Commodity Exchange (DCE) was closed because of China's public holiday, which runs from October 1 to 7 to observe the National Day.

The most-traded November iron ore forward-month swap contract on the Singapore Exchange (SGX) went down with less liquidity. By 6:02pm Singapore time, it had registered a decrease of \$2.64 per tonne compared with Thursday's settlement price of \$116.84 per tonne.

Both the physical market and futures market were relatively quiet due to the holiday in China, a trading source in Singapore said.

The decrease in iron-ore swaps could be due to the ongoing price correction related to the **operation stoppage of Fortescue Metals Group's (FMG)**



**Solomon hub.** The market initially reacted to the stoppage by pricing high in response to fears over potentially short supplies yesterday, the trading source said.

The incident was not expected to impact the iron ore market too much, however, especially now that trading liquidity is likely to be tight during the Chinese holiday, and given that demand has been weak under steel production cuts, he added.

#### Trades/offers/bids heard in the market

Rio Tinto, Globalore, 70,000 tonnes of 62.5% Fe Pilbara Blend lump, traded at the November average of a 62% Fe index plus lump premium of \$0.16 per dry metric tonne unit (dmtu), laycan November 1-10.

Globalore, 170,000 tonnes of 62% Fe Pilbara Blend fines, offered at the November average of a 62% Fe index plus a premium of \$1.20 per tonne, November 1-20 delivery.

Rio Tinto, Globalore, 70,000 tonnes of 62.5% Fe Pilbara Blend lump, traded late on Thursday September 30 at the November average of a 62% Fe index plus a lump premium of \$0.1590 per dmtu, laycan October 30-November 8.

#### Market participant indications

Fastmarkets index for iron ore 62% Fe fines

Pilbara Blend fines: \$113.62-118 per tonne cfr China  
Brazilian Blend fines: \$116.62-121.50 per tonne cfr China  
Newman fines: \$113.62 per tonne cfr China  
Mining Area C fines: \$103.40 per tonne cfr China  
Jimblebar fines: \$95.82-97.20 per tonne cfr China

Fastmarkets index for iron ore 65% Fe Brazil-origin fines  
Iron Ore Carajas fines: \$137-139 per tonne cfr China

#### Port prices

No visible activity.

#### Dalian Commodity Exchange

Market closed for holiday.

## COKING COAL DAILY: Fob prices ease on lower-than-expected trade

By Alex Theo - Friday 01 October

Seaborne coking coal prices in the fob market eased slightly on Friday October 1 on a cargo that was transacted at a lower-than-expected price, market sources said.

#### Fastmarkets indices

**Premium hard coking coal, cfr Jingtang:** \$603.28 per tonne, unchanged

**Hard coking coal, cfr Jingtang:** \$565.14 per tonne, unchanged

**Premium hard coking coal, fob DBCT:** \$391.50 per tonne, down by \$8.70 per tonne

**Hard coking coal, fob DBCT:** \$336.84 per tonne, down by \$1 per tonne

#### Fastmarkets Weekly PCI indices

**PCI low-vol, cfr Jingtang:** \$282.65 per tonne, up by \$9.38 per tonne

**PCI low-vol, fob DBCT:** \$252.92 per tonne, unchanged

The low-volatility pulverized coal injection (PCI) cfr price increased during the week to Friday October 1, in line with the overall uptrend in coking coal cfr prices.

Market sources have increased their indications for the low-vol PCI cfr prices over the course of the week to around \$262-288 per tonne cfr, compared with \$260-285 per tonne cfr the previous week.

In the fob coking coal market, a 75,000-tonne cargo of premium hard coking coal was heard traded at \$391 per tonne fob Australia, with laycan in November on the Globalcoal platform, according to sources.

Another 75,000-tonne cargo of premium hard coking coal was heard traded at \$390 per tonne fob Australia, with laycan over November 11-20, also on the Globalcoal platform, sources said.

The lower prices transacted for both cargoes came as a surprise to most market participants, who thought the tradeable prices would be closer to \$400 per tonne fob.

"Demand in the fob market is still firm; it was interesting to see both spot trades at prices lower than anticipated. It might be worth monitoring it," an India-based buyer source said.

Meanwhile, the cfr market was muted due to the week-long holiday to commemorate Golden Week, which started on Friday.

#### Dalian Commodity Exchange

The market was closed because of a public holiday in China.

## ASIA HRC: Thin spot liquidity keeps import prices stable

By Paul Lim - Friday 01 October

Spot prices for imported hot-rolled coil in Vietnam were stable this week amid limited spot price negotiations for Indian HRC.

There was persistent market chatter that Russian steelmaker Magnitogorsk Iron & Steel Works (MMK) had sold another cargo of January-shipment SAE1006 HRC to Vietnam at \$850 per tonne cfr Vietnam this week, after selling two or three vessels-worth of the material last week.

"Demand in MMK's traditional markets must be very [poor] for it to keep sending cargoes to Vietnam," a trader source in Vietnam told Fastmarkets on Friday October 1.

There was also market chatter that a major Indian steel mill had sold cargoes at \$870-880 per tonne cfr Vietnam this week, although a seller source close to the steel mill involved denied this.

"Buying interest from Vietnam is low this week. There is also no hurry for the steel mill to offload materials," the seller source said on Friday.

And a Vietnamese trader said there were no bids, even at \$870-880 per tonne cfr Vietnam, for Indian HRC, so it was unlikely that such a transaction had taken place.

But traders were offering Indian HRC at \$870-880 per tonne cfr Vietnam this week - although sources said these offers were made in a bid to elicit buying interest and would not necessarily mean that there could be transactions at this level.



"Even though there is a lifting of Covid-19 lockdowns in some parts of southern Vietnam, demand is still weak because there is no clarity on how demand will improve," a second Vietnamese trader told Fastmarkets on October 1.

A buyer source at a major galvanizer said the company had received an offer at \$885 per tonne cfr Vietnam for Indian HRC, subject to sellers' option.

Another major Indian steel mill was sounding out buyers with offers for SS400-grade HRC at \$860 per tonne cfr Vietnam. There was no confirmation that it had managed to sell any material, however.

Sources said that Indian domestic demand was picking up, with a round of spot price increases for HRC in the country.

"Demand is better after the monsoon season, with some purchasing to feed Diwali demand," the seller source in India told Fastmarkets on Friday.

Russian steelmaker NLMK was also said to be in the Vietnamese spot market, offering material at \$860 per tonne cfr Vietnam, with market chatter suggesting that it had sold some quantities this week - although this could not be confirmed by anyone in Vietnam.

Fastmarkets' [weekly price assessment for steel hot-rolled coil import, cfr Vietnam](#), which mainly looks at 2-3mm rerolling-grade SAE1006 HRC and equivalent products, was \$880-890 per tonne cfr Vietnam, [unchanged from last Friday](#).

A major South Korean producer was offering SAE1006/SPHC-grade HRC at \$1,010 cfr Vietnam, at \$1,020 cfr Malaysia and Thailand, and at \$1,030 per tonne cfr Indonesia.

And a major Japanese producer said it could not confirm whether it had concluded any new transactions after [offering November-shipment cargoes at \\$1,000 per tonne cfr southeast Asia last week](#).

It was said to be offering HRC at \$970 per tonne cfr Indonesia, but the steelmaker did not confirm this directly.

A major Taiwanese steelmaker and a major Japanese steelmaker, meanwhile, were heard offering HRC at \$985 per tonne cfr South Korea in the past week.

Fastmarkets' [weekly price assessment for steel hot-rolled coil \(Japan, Korea, Taiwan-origin\), import, cfr Vietnam](#) was unchanged at \$940 per tonne cfr Vietnam on Friday.

## TAIWAN STEEL SCRAP: Prices slip as restocking demand eases

By Paul Lim - Friday 01 October

**Spot prices for containerized ferrous scrap in Taiwan slipped in the week to Friday October 1 amid an easing in restocking demand by steel mills.**

Fastmarkets' daily price assessment for [containerized steel scrap HMS 1&2 \(80:20 mix\) US material import, cfr main port Taiwan](#) was \$460 per tonne on Friday, unchanged from Thursday, but down by \$3 per tonne from [\\$463 per tonne on September 24](#).

Buyers remained focused on containerized scrap this week amid high offers for bulk Japanese H1&H2 (50:50) scrap.

They were bidding at \$460-463 per tonne cfr Taiwan at the start of the week, with transactions heard at \$463-465 per tonne cfr Taiwan by Wednesday.

But prices had started slipping from late Wednesday, with transactions concluded at \$460-462 per tonne by Thursday. Prices slipped to \$460 per tonne cfr Taiwan late Thursday and Friday.

Offers were initially at \$470-475 per tonne cfr Taiwan.

"The Taiwanese market is quieter this week, with buying interest easing significantly from last week," a senior trader source in Singapore told Fastmarkets on Friday.

Port congestion off southern California - a key loading hub for ferrous scrap - remained severe, causing limited offers for containerized scrap in the Taiwanese import market.

The Marine Exchange of Southern California said on Thursday there was a total of 145 vessels in port off Los Angeles and Long Beach, of which 97 were container ships. 64 container ships were at anchor, with 33 at berths discharging or loading cargoes.

A major electric-arc furnace-based steelmaker in Taiwan kept both its domestic scrap purchase and rebar sales prices stable this week.

Offers for bulk Japanese H1&H2(50:50) were at \$500-505 per tonne cfr Taiwan, with limited interest from buyers due to their premiums over containerized cargoes from the United States' West Coast.

## VIETNAM STEEL SCRAP: Prices surge amid construction restarts

By Paul Lim - Friday 01 October

**Spot prices for imported ferrous scrap in Vietnam surged in the week to Friday October 1 amid an anticipated increase in demand for construction steel after commercial hub Ho Chi Minh City started lifting Covid-19 lockdowns.**

There was a transaction heard concluded at \$498 per tonne cfr Vietnam for a bulk Japanese H2 cargo, with other market participants estimating that spot prices were as high as \$500 per tonne cfr Vietnam for such materials.

Sentiment was also supported by major Japanese electric-arc furnace operator Tokyo Steel increasing its domestic scrap purchase prices by ¥1,000-2,000 (\$8.95-17.90) per tonne from October 2 at all its steelworks.

Bulk Japanese H2 had been offered at \$500-505 per tonne cfr Vietnam.

Bulk oversized plate & structural (P&S) from Hong Kong was offered at \$520 per tonne cfr Vietnam.

Bulk South Korean P&S was offered at \$560-565 per tonne cfr Vietnam, while bulk Japanese heavy scrap (HS) was offered at \$590-595 per tonne cfr Vietnam.

"The government is allowing construction sites to start work again, which has increased demand for construction steel, so steelmakers are buying raw materials again," a buyer source at a steel mill told Fastmarkets on Friday.

A steelmaker in northern Vietnam adjusted its rebar sales price upward by 500,000 Vietnamese Dong (\$21.91) per tonne from Friday.

But Covid-19 infections remained widespread, with cases averaging 8,622 in the past seven days. Ho Chi Minh City saw 4,699 cases, while neighboring Binh Duong saw 2,389 cases.

Fastmarkets' weekly price assessment for [steel scrap H2, Japan-origin import, cfr Vietnam](#) was \$498-500 per tonne on Friday, increasing by \$10-13 per tonne from \$485-490 per tonne [a week earlier](#).

Bulk cargoes of HMS 1&2 (80:20) were offered at \$520 per tonne cfr Vietnam. There were also offers heard at \$505 per tonne cfr Vietnam, although this could not be confirmed by other market participants.

Key industry sources said bids were heard at \$505 per tonne cfr Vietnam, but



estimated that buyers would have to pay \$515-520 per tonne cfr Vietnam to secure materials.

Fastmarkets' weekly price assessment for [deep-sea bulk cargoes of steel scrap, HMS 1&2 \(80:20\)](#), cfr Vietnam was \$515-520 per tonne on Friday, increasing by \$5 per tonne week on week.

Containerized HMS 1&2 (80:2) was sold at \$470-475 per tonne cfr Vietnam this week.

## 'Buyer's strike' greets hollow sections hike

By Mark Burgess - Friday 01 October

**Domestic price increases announced by producers for hollow structural sections (HSS) in the United States are receiving some serious pushback from customers.**

"This is certainly not justified," a distributor source said. "I like prices to go up, but this is just dumb. It's time for a buyer's strike for a week or so. I'm not buying from any mills for a week. I can wait and I think most buyers can wait at this time."

The reaction came after [Atlas Tube announced a \\$75 per short ton \(\\$3.75 per hundredweight\) minimum increase](#) to its hollow section and mechanical tube products on Tuesday September 28. [ExlTube, Hanna Steel and Welded Tube of Canada quickly followed suit](#) with letters sent to customers the same day.

[Bull Moose and Nova Tube joined the increase flurry](#) on September 29.

All market participants are now waiting to see if a majority of customers eventually accept the price increase out of eventual demand needs or simple buyer's fatigue.

"I don't think the HSS price hike is justified unless scrap goes much higher, which is not likely unless winter is brutal," a southern distributor source said. "The Old Farmer's Almanac is predicting a much colder winter, so we'll see."

With the recent price increase still being debated among market participants, Fastmarkets' weekly assessment for [steel hollow sections ASTM A500 Grade B domestic, fob mill US](#) remained at \$2,425-2,475 per ton (\$121.25-123.75 per hundredweight) on September 30, unchanged since mid-August.

"I was expecting [an increase] a couple of weeks ago, but with hot-rolled stable, this just isn't justified," the first distributor source said. "It's the 'demand increase' I said might happen, but didn't think was smart with the market."

"For now, it's a unicorn increase. We think there is one, but we haven't seen it in real life."

At time of publication, Nucor Tube had yet to announce an increase that would likely seal the deal as far as major players are concerned, several sources said.

Fastmarkets' [daily index for HRC](#), which is the substrate of hollow sections, was calculated at \$97.92 per cwt (\$1,958.40 per ton) on September 29. The index reached a record high of \$98.25 per cwt on September 20 and again on September 27.

HSS prices have now been flat for the past seven weeks due to HRC costs stabilizing somewhat through late August and most of September.

[Atlas also led the last price increase on August 10](#) - the 11th round of hollow section hikes this year and the 19th round since late August 2020, amounting to a combined increase of \$1,760 per ton in the past year.

At the time of the previous Atlas increase, Fastmarkets' HRC index was calculated at \$94.67 per cwt (\$1,893.40 per ton) on August 10. Since then, HRC has gradually climbed to the \$97-98.25-per-cwt range.

This means that tube producers are paying anywhere from \$46.60-\$71.60 per ton more for their primary substrate since the time of the last price increase.

## Singapore could export rebar to China with NatSteel changing hands, sources say

By Paul Lim - Friday 01 October

**The purchase of NatSteel Holdings in Singapore by trader Toptip Holding from India's Tata Steel could result in the city state exporting rebar to China eventually, market sources told Fastmarkets this week.**

"This is due to the production cuts in China, which could result in further steel shortages in the future," a trader in Singapore told Fastmarkets on Friday October 1.

Toptip Holding purchased 100% of Tata Steel's stake in NatSteel on Thursday September 30 for \$172 million, according to NatSteel's announcement on the same day. This does not include NatSteel's wire business in Thailand, Siam Industrial Wires, it said. The payment will be used to reduce Tata Steel's offshore debt, it added.

Toptip Holding is a Singapore-based trader of iron ore, ferrous scrap and steel, and is closely related to Chinese steelmaker Zenith Steel, which has a history of selling Chinese rebar to Singapore.

"Sending rebar back to China will be similar to what another major steelmaker in Malaysia has done previously," a steel fabricator source in Singapore told Fastmarkets on Friday.

Toptip Holdings previously owned part of Esteel, an investment vehicle that owns the largest stake in BRC Asia, a steel fabricator in Singapore.

Changes to NatSteel's operations remain unclear, market sources said, especially with the transaction having just been concluded.

NatSteel and BRC Asia are among the largest importers of rebar in Singapore, which they use to produce construction-related products for domestic use and for export to buyers in the rest of Asia.

"Toptip Holding knows the Singapore steel market well, so this should be a positive development for the domestic industry," a second steel fabricator source told Fastmarkets on Friday.

Singapore's rebar demand has grown significantly in 2021, according to data from the republic's Department of Statistics. Rebar demand - which is a tally of net imports and local production but without factoring in stock levels - amounted to 376,190 tonnes in the second quarter of 2021 and 267,150 tonnes in the first quarter, compared with just 49,660 tonnes in the fourth quarter of 2020 and 74,210 tonnes in the third quarter, according to the department.

The city state's rebar demand was at 254,680 tonnes in the second quarter of 2020 and 459,830 tonnes in the first quarter, before the effects of Covid-19 restrictions were felt in the construction sector.



## Non-ferrous scrap

# KSP invests \$100m in Canada's Li-Cycle

By Yasemin Esmen - Friday 01 October

Canada-based Li-Cycle Holdings will receive \$100 million from Koch Strategic Platforms (KSP), a subsidiary of Koch Investments Group, to support its growth opportunities in North America, Europe and Asia, the lithium-ion battery recycler announced on Wednesday September 29.

Li-Cycle and Koch Industries will explore "opportunities to accelerate Li-Cycle's global growth strategies," the company said. This includes potentially working with Koch Engineered Solutions (KES) on "commercial opportunities to support the global deployment of incremental Spoke facilities" and to "enhance execution and operational readiness" for Li-Cycle's Rochester Hub in New York.

The Rochester plant is the second of Li-Cycle's operational facilities - which the company refers to as its "spokes" - where electric-vehicle (EV) batteries of all kinds are shredded by robots and sorted into what the industry terms "black mass," a mineral-rich slurry from which individual sulfides or carbonates can be extracted.

"With the pace of deployment of new battery mega-factories far exceeding initial expectations, Li-Cycle recognizes the need to accelerate the company's roll-out of Spoke and Hub capacity to capture the growing market opportunity," Li-Cycle said.

Lithium prices have been increasing this year, supported by analyst predictions that lithium-ion batteries are set to dominate the EV market.

Fastmarkets assessed the lithium hydroxide monohydrate 56.5% LiOH.H<sub>2</sub>O min, battery grade, spot price, cif China, Japan & Korea at \$21-22 per kg on Thursday September 30, up by 138.89% from \$8.50-9.50 per kg at the beginning of 2021.

In April, Li-Cycle announced that it would build its third commercial recycling facility, Spoke 3, in Gilbert, Arizona. In September, the company said it would build its fourth lithium-ion recycling facility, Spoke 4, in Tuscaloosa, Alabama.

## US Al scrap prices firm on robust demand

By Sean Barry - Friday 01 October

Aluminium scrap prices in the United States continued to be underpinned by robust demand domestically and overseas, while futures prices on the London Metal Exchange remained high.

Healthy business activity, particularly in the non-automotive side of the sector, pushed up some secondary smelter grades week on week, with the Fastmarkets assessment of 1-1-3 sows edging a penny either side to a range of 71-73 cents per lb on Thursday September 30 from 70-72 cents per lb the week prior.

Market participants reported that grades like twitch and zorba were also supported by an increase in export interest, but noted that securing containers to ship material remained an issue because of huge logjams at US ports.

Fastmarkets' assessment for zorba 95/3 min, basis delivered US facility rose 2

cents per lb to 65-67 cents per lb on September 30 from 63-65 cents per lb on September 23. Non-ferrous auto shred (90% Al) also edged up 2 cents to 75-80 cents per lb from 73-78 cents per lb in the same comparison.

An aluminium scrap buyer reported that export demand for old sheet has picked up, which has helped boost prices since domestic consumers have been forced to raise offers to secure material.

The Fastmarkets' assessment for aluminium scrap old sheet, delivered Midwest secondary smelters increased by a penny to 66-70 cents per lb on Thursday from 65-69 cents per lb the week before.

"Export is paying ridiculous prices for old sheet," the buyer said. "We still have labor issues and the chip shortage is still out there. We are also experiencing a chlorine supply disruption."

Despite the production disruptions that automakers continue to face due to the silicon chip shortage, one aluminium trader said that some automotive suppliers are reporting healthy order books since the major delays in unloading containers at US ports, which has sent freight rates skyrocketing, have forced US-based automakers to increasingly rely on domestic suppliers.

"There's no solution [to the chip shortage] in the near-term," the aluminium trader said. "But there's been more on-shoring of parts because the off-shore freight situation is impossible. So some plants are making more, not less, and been forced to pay more for material. We have some plants running at full capacity despite the automaker shutdowns."

The mill-grade aluminium scrap prices were all unchanged week on week, with market participants reporting balanced market conditions.

The London Metal Exchange's three-month aluminium price closed the official session at \$2,866.50 (1.30 cents per lb) on September 30, down 2.84% from \$2,950.50 (\$1.33 cents per lb) on September 23.

### SECONDARY ALUMINIUM PRICES

(cents per lb, delivered to Midwest)

Secondary Smelters' Scrap*	09/30/2021	09/23/2021
Mixed low-copper clips	76-78	76-78
Mixed high-copper clips	73-76	73-76
Mixed high-zinc clips	65-67	65-67
1-1-3 sows	71-73	70-72
Siding	70-73	70-73
Mixed clips	68-71	68-71
Old sheet	66-70	65-69
Old cast	66-70	66-70
Turnings, clean and dry (high grade)	65-69	64-68
Turnings, clean and dry (mixed grade)	57-61	57-61
Aluminium-copper radiators	195-205	195-205
Non-ferrous auto shred (twitch)	75-80	73-78
Zorba (95/3)	65-67	63-65
Used beverage cans	84-88	84-88
Mills, Specialty Consumers' Scrap*	09/30/2021	09/23/2021
Segregated low-copper alloy clips (5052)	138-142	138-142
Segregated low-copper alloy clips (3105)	90-92	90-92
Mixed low-copper alloy clips	87-90	87-90
Painted siding	86-89	86-89

\*Buying price

Source: Fastmarkets



## Industrial minerals

# Major lithium producers set up trade lithium association ILiA

By Dalila Ouerghi - Friday 01 October

**In a joint press release on September 30, five key global lithium producers SQM, Ganfeng Lithium, AMG Brazil, Orocobre and Pilbara Minerals announced the setup of the International Lithium Association (ILiA), which aims to provide a central voice for lithium producers and to promote the sustainable development of a global battery value chain.**

The founding members account for over half of the current global lithium production, according to the statement.

The association has been established to be a not-for-profit professional body run by and for its members and is headquartered in London, United Kingdom. It will include members from the entire supply chain, from resource to end users.

"We have created a global lithium professional association for two strong reasons: there wasn't one before and lithium is key to the current global energy revolution as the world transitions toward 'net zero carbon,' co-founder and founding chairman of ILiA Anand Sheth said.

"[Decarbonization] will bring unprecedented growth to the market but also intense attention from media, government regulators, civil society, end-user groups and other external stakeholders," Sheth said.

Lithium is a key ingredient in batteries that power electric vehicles (EV), demand for which should increase rapidly in the near and medium term.

Seaborne lithium spot prices were steady week on week; suppliers had minimal spot material available in the region.

Fastmarkets' assessment of the lithium carbonate 99.5% Li<sub>2</sub>CO<sub>3</sub> min, battery grade, spot price, cif China, Japan & Korea was \$20-21 per kg on Thursday, unchanged from a week earlier.

Fastmarkets' weekly assessment of the lithium hydroxide monohydrate 56.5% LiOH.H<sub>2</sub>O min, battery grade, spot price, cif China, Japan & Korea was \$21-22 per kg on Thursday, unchanged week on week.

## China's power limits affect refractory raw materials supply

By Sybil Pan, Carrie Shi - Friday 01 October

**China's power-consumption limits have resulted in production halts at some refractory raw material plants across the country. Magnesias production in Liaoning and graphite production in Heilongjiang have been greatly affected, causing supply to tighten and prices to rise, market sources told Fastmarkets.**

China started introducing power-consumption limits in some provinces in July due to power shortages, and the curbs have been extended into more provinces and have affected more industries.

Liaoning province, a major production hub for magnesias, announced power restrictions from September 23. The local government then took further action by requiring all fused magnesias enterprises within the province to halt production from September 27, and announced plans for fused magnesias companies to take alternating periods of shutdown in October.

Because production of fused magnesias requires lots of electricity, and with it accounting for more than 50% of its production costs, the recent power restrictions have resulted in tightening supply of the material.

Sellers in turn have raised their offers owing to the limited amount of stock on hand, according to market sources.

Fastmarkets' assessment of the spot price for **magnesias, fused, 97% MgO, Ca:Si 2:1, lump, fob China** was \$600-670 per tonne on Tuesday September 28, up by \$50 per tonne (8.55%) from \$550-620 per tonne a week earlier.

"Fused magnesias production has all halted, and we have increased [prices by] at least 300 yuan (\$46) per tonne for our fused magnesias products due to tight supply. I think the supply will remain tight in October as the power cut policy in October will continue," a producer source told Fastmarkets

"Fused magnesias factories have all stopped production or it is highly restricted. Coal prices are skyrocketing, and now electricity, it is too hard to us to buy materials," a buyer said.

"Some of our suppliers increased prices a lot this week due to power cuts in Liaoning province. Freight constraints combined with the magnesias shortage have had a devastating effect on our daily operations," a second buyer revealed.

Sources said there had been talk in the market that domestic magnesias prices could increase by as much 2,000 yuan per tonne due to the power limits in Liaoning.

Moreover, production for caustic calcined magnesias and dead burned magnesias has also been affected; more producers have suspended production as a result of the power cuts in Liaoning, and most increased their offers for different grades of magnesias by 200-500 yuan per tonne.

Fastmarkets' assessment of the spot price for **magnesias, dead burned, 90% MgO, lump, fob China** was \$250-300 per tonne on Tuesday, up by \$50-60 per tonne (25%) from \$200-240 per tonne from a week earlier.

Most magnesias market participants adopted a watch-and-wait stance ahead of the Golden Week holiday (October 1-7) in China, waiting to see whether further power limits will be introduced after the holiday and whether prices will subsequently increase.

### Graphite

Flake graphite production in Jixi and Luobei, Heilongjiang province, was suspended for around five days on September 23, before restarting on Tuesday and Wednesday, according to market sources.

But with electricity shortages continuing in the region, market participants expressed uncertainty about flake graphite operations for the coming winter season.

While electricity shortages in the region had strengthened market sentiment before the Golden Week holiday, some participants said the market could remain stable for a while considering the widespread production curbs in the downstream refractories sector, as well as ample availability of minus flake graphite.

Fastmarkets' price assessment for **graphite flake 94% C, -100 mesh, fob China** was \$540 per tonne on September 23, unchanged from a week earlier.

As far as spherical graphite is concerned, sources in Shandong and Henan province reported limited impact from the electricity shortage issue. But the downstream natural graphite-based anode material sector in Guangdong and Jiangsu provinces was said to be affected in the final month of the third quarter due to strict controls over energy and electricity consumption, according to one source in China.

"There are some anode material factories working on shift with 8% of capacity being affected," the source said.



Fastmarkets' price assessment for [graphite spherical, 99.95% C, 15 microns, fob China](#) was \$2,500-2,900 per tonne on September 23, up from \$2,350-

2,800 per tonne in the prior week.

## Base metals prices

Source: [dashboard.fastmarkets.com/m/d7d11f17-248b-4073-82c4-f750b2994d8e](https://dashboard.fastmarkets.com/m/d7d11f17-248b-4073-82c4-f750b2994d8e)

### Aluminium prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0343	Aluminium P1020A (MJP) spot premium, cif Japan, \$/tonne	01 Oct 2021	190 - 200	1.30%	Sep 2021	175.63 - 188.75
MB-AL-0001	Aluminium P1020A (MJP) quarterly premium, cif Japan, \$/tonne	14 Jun 2021	172 - 185	20.20%	Sep 2021	172 - 185
MB-AL-0344	Aluminium P1020A premium, cif South Korea, \$/tonne	28 Sep 2021	165 - 175	21.43%	Sep 2021	142.5 - 152.5
MB-AL-0307	Aluminium P1020A premium, fca South Korea, \$/tonne	28 Sep 2021	180 - 190	19.35%	Sep 2021	157.5 - 167.5
MB-AL-0329	Aluminium P1020A premium, cif Taiwan, \$/tonne	21 Sep 2021	190 - 210	8.11%	Sep 2021	180 - 205
MB-AL-0328	Aluminium P1020A premium, bonded in-whs, Shanghai, \$/tonne	28 Sep 2021	170 - 190	0.00%	Sep 2021	170 - 190
MB-AL-0345	Aluminium P1020A premium, cif Shanghai, \$/tonne	28 Sep 2021	180 - 200	11.76%	Sep 2021	180 - 200
MB-AL-0346	Aluminium P1020A premium, in-whs dup Rotterdam, \$/tonne	01 Oct 2021	295 - 310	0.00%	Sep 2021	299.77 - 310
MB-AL-0004	Aluminium P1020A premium, in-whs dp Rotterdam, \$/tonne	01 Oct 2021	375 - 390	-0.65%	Sep 2021	377.5 - 388.13
MB-AL-0316	Aluminium P1020A premium, fca dp Italy, \$/tonne	28 Sep 2021	435 - 445	0.00%	Sep 2021	433.75 - 443.75
MB-AL-0319	Aluminium P1020A premium, fca dp Spain, \$/tonne	21 Sep 2021	435 - 445	2.33%	Sep 2021	430 - 440
MB-AL-0021	Aluminium P1020A premium, delivered Sao Paulo region, \$/tonne	21 Sep 2021	360 - 400	0.00%	Sep 2021	360 - 400
MB-AL-0022	Aluminium P1020A premium, cif dup Brazilian main ports, \$/tonne	21 Sep 2021	400 - 420	5.13%	Sep 2021	390 - 410
MB-AL-0020	Aluminium P1020A premium, ddp Midwest US, US cents/lb	01 Oct 2021	34.75 - 36	0.37%	Sep 2021	34.5 - 36
MB-AL-0231	Aluminium P1020A all-in price, delivered Midwest US, US cents/lb	01 Oct 2021	163.48 - 164.73	0.29%	Sep 2021	163.24 - 164.74
MB-AL-0337	Aluminium P1020A premium, cif dup Turkey, \$/tonne	21 Sep 2021	330 - 340	3.08%	Sep 2021	325 - 335
MB-AL-0381	Aluminium low-carbon differential P1020A, Europe, \$/tonne	01 Oct 2021	0 - 7	40.00%	Sep 2021	0 - 5
MB-AL-0378	Aluminium P1020A premium, in-whs dp Rotterdam, inferred low-carbon midpoint, \$/tonne	01 Oct 2021	386	-0.39%	Sep 2021	385.31
MB-AL-0377	Aluminium P1020A premium, in-whs dup Rotterdam, inferred low-carbon midpoint, \$/tonne	01 Oct 2021	306	0.33%	Sep 2021	307.39
MB-AL-0333	Aluminium P1020A warrant premium, in-whs Southeast Asia, \$/tonne	29 Sep 2021	35 - 100	-18.18%	Sep 2021	48 - 87
MB-AL-0334	Aluminium P1020A, warrant premium, in-whs East Asia, \$/tonne	29 Sep 2021	65 - 100	0.00%	Sep 2021	54 - 87
MB-AL-0338	Aluminium P1020A warrant premium, in-whs US, \$/tonne	29 Sep 2021	115 - 125	0.00%	Sep 2021	115 - 125
MB-AL-0297	Aluminium 6063 extrusion billet premium, cif Thailand, \$/tonne	24 Sep 2021	465 - 485	25.00%	Sep 2021	465 - 485
MB-AL-0298	Aluminium 6063 extrusion quarterly billet premium, cif MJP, \$/tonne	16 Jul 2021	150 - 175	4.84%	Sep 2021	150 - 175
MB-AL-0302	Aluminium 6063 extrusion billet premium, ddp North Germany (Ruhr region), \$/tonne	01 Oct 2021	1350 - 1400	0.00%	Sep 2021	1300 - 1350
MB-AL-0300	Aluminium 6063 extrusion billet premium, ddp Italy (Brescia region), \$/tonne	01 Oct 2021	1350 - 1400	0.00%	Sep 2021	1300 - 1350
MB-AL-0299	Aluminium 6063 extrusion billet premium, ddp Spain, \$/tonne	24 Sep 2021	1350 - 1400	5.36%	Sep 2021	1315 - 1365
MB-AL-0002	Aluminium 6063 extrusion billet premium, in-whs dp Rotterdam, \$/tonne	01 Oct 2021	1310 - 1360	0.00%	Sep 2021	1260 - 1310
MB-AL-0296	Aluminium 6063 extrusion billet premium, cif Turkey (Marmara region), \$/tonne	24 Sep 2021	700 - 750	0.00%	Sep 2021	700 - 750
MB-AL-0052	Aluminium 6063 extrusion billet premium, delivered Midwest US, US cents/lb	24 Sep 2021	23 - 27	0.00%	Sep 2021	23 - 27

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0287	Aluminium 6063 & 6060 extrusion billet premium, cif Brazilian main ports, \$/tonne	24 Sep 2021	620 - 650	1.60%	Sep 2021	610 - 650
MB-AL-0382	Aluminium low-carbon differential value-added product, Europe, \$/tonne	01 Oct 2021	20 - 30	25.00%	Sep 2021	15 - 25
MB-AL-0379	Aluminium 6063 extrusion billet premium, ddp Italy (Brescia region), inferred low-carbon midpoint, \$/tonne	01 Oct 2021	1400	0.36%	Sep 2021	1345
MB-AL-0380	Aluminium 6063 extrusion billet premium, ddp North Germany (Ruhr region), inferred low-carbon midpoint, \$/tonne	01 Oct 2021	1400	0.36%	Sep 2021	1345
MB-AL-0341	Aluminium primary foundry alloy silicon 7 ingot premium, cif dup over P1020A Turkey, \$/tonne	10 Sep 2021	330 - 350	9.68%	Sep 2021	330 - 350
MB-AL-0349	Aluminium primary foundry alloy silicon 7 ingot annual premium, cif MJP, \$/tonne	15 Jan 2021	100 - 120	-15.38%	Sep 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%	Sep 2021	90 - 120
MB-AL-0342	Aluminium primary foundry alloy silicon 7 ingot /T-bar premium, dlvd dup over P1020A Midwest US, US cents/lb	10 Sep 2021	11 - 13	0.00%	Sep 2021	11 - 13
MB-AL-0340	Aluminium primary foundry alloy silicon 7 ingot premium, ddp Eastern Europe, \$/tonne	10 Sep 2021	550 - 620	10.38%	Sep 2021	550 - 620
MB-AL-0339	Aluminium primary foundry alloy silicon 7 ingot premium, ddp Germany, \$/tonne	10 Sep 2021	550 - 620	10.38%	Sep 2021	550 - 620
MB-AL-0045	Aluminum 6061 alloyed ingot, US cents/lb	01 Oct 2021	1.78 - 1.84	5.85%	Sep 2021	1.68 - 1.73
MB-AL-0046	Aluminum 6063 alloyed ingot, US cents/lb	01 Oct 2021	1.86 - 1.92	5.59%	Sep 2021	1.76 - 1.81
MB-AL-0277	Aluminum alloy C355.2 ingot, delivered, \$/lb	01 Oct 2021	1.89	0.00%	Sep 2021	1.88
MB-AL-0289	Aluminium import arbitrage, \$/tonne	30 Sep 2021	(49.49)		Sep 2021	21.42
MB-AL-0290	Aluminium import arbitrage, yuan/tonne	30 Sep 2021	(320.52)		Sep 2021	138.62
MB-AL-0256	Aluminium fixing price for LME trade, rand/tonne	01 Oct 2021	43343.15	0.44%	Sep 2021	41282.98

**Metallurgical bauxite & alumina prices**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ALU-0010	Alumina index inferred, fob Brazil, \$/dmt	01 Oct 2021	502.32	2.38%	Sep 2021	422.06
MB-ALU-0003	Alumina index adjustment to fob Australia index, Brazil, \$/dmt	23 Sep 2021	33.6	-2.27%	Sep 2021	33.99
MB-ALU-0002	Alumina index, fob Australia, \$/tonne	01 Oct 2021	468.72	2.56%	Sep 2021	390.9
MB-ALU-0001	Alumina metallurgical grade, exw China, yuan/tonne	30 Sep 2021	3800 - 4000	9.86%	Sep 2021	3310 - 3550
MB-BX-0015	Bauxite, fob Trombetas, Brazil, \$/dmt	16 Sep 2021	32	0.00%	Sep 2021	32
MB-BX-0014	Bauxite, fob Kamsar, Guinea, \$/dmt	16 Sep 2021	29	0.00%	Sep 2021	29

**Copper prices & premiums**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0412	Copper EQ cathode premium, cif Shanghai, \$/tonne	21 Sep 2021	15 - 35	100.00%	Sep 2021	10 - 27.5
MB-CU-0411	Copper EQ cathode premium, cif Europe, \$/tonne	21 Sep 2021	10 - 30	0.00%	Sep 2021	10 - 30
MB-CU-0369	Copper grade A cathode premium, cif Rotterdam, \$/tonne	21 Sep 2021	45 - 55	0.00%	Sep 2021	45 - 55
MB-CU-0372	Copper grade A cathode premium, delivered Germany, \$/tonne	21 Sep 2021	75 - 90	0.00%	Sep 2021	75 - 90
MB-CU-0406	Copper grade A cathode premium, cif Leghorn, \$/tonne	21 Sep 2021	70 - 85	10.71%	Sep 2021	67.5 - 80

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0380	Copper grade A cathode ER premium, cif Shanghai, \$/tonne	01 Oct 2021	95 - 105	0.00%	Sep 2021	88.14 - 97
MB-CU-0383	Copper grade A cathode ER premium, bonded in-whs Shanghai, \$/tonne	01 Oct 2021	105 - 115	0.00%	Sep 2021	97.73 - 107.05
MB-CU-0403	Copper grade A cathode premium, cif Shanghai, \$/tonne	01 Oct 2021	88 - 105	0.00%	Sep 2021	79.59 - 97
MB-CU-0405	Copper grade A cathode premium, in-whs Shanghai, \$/tonne	01 Oct 2021	95 - 115	0.00%	Sep 2021	91.14 - 107.05
MB-CU-0384	Copper grade A cathode SX-EW premium, cif Shanghai, \$/tonne	01 Oct 2021	88 - 90	0.00%	Sep 2021	79.59 - 85.73
MB-CU-0382	Copper grade A cathode SX-EW premium, bonded in-whs Shanghai, \$/tonne	01 Oct 2021	95 - 105	0.00%	Sep 2021	91.14 - 97.95
MB-CU-0399	Copper grade A cathode premium, cif Southeast Asia, \$/tonne	28 Sep 2021	70 - 80	0.00%	Sep 2021	65 - 72.5
MB-CU-0386	Copper grade A cathode premium, cif Taiwan, \$/tonne	21 Sep 2021	70 - 80	0.00%	Sep 2021	70 - 80
MB-CU-0404	Copper grade A cathode premium, cif South Korea, \$/tonne	21 Sep 2021	75 - 80	<b>24.00%</b>	Sep 2021	67.5 - 72.5
MB-CU-0310	Copper grade 1 cathode premium, ddp Midwest US, \$/tonne	28 Sep 2021	176.37 - 198.42	0.00%	Sep 2021	
MB-CU-0002	Copper grade 1 cathode premium, ddp Midwest US, US cents/lb	28 Sep 2021	8 - 9	0.00%	Sep 2021	8 - 9
MB-CU-0309	Copper grade 1 cathode all-in price, ddp Midwest US, US cents/lb	01 Oct 2021	427.35 - 428.35	<b>2.48%</b>	Sep 2021	434.54 - 435.54
MB-CU-0400	Copper grade A cathode warrant premium, in-whs North Europe, \$/tonne	29 Sep 2021	5 - 10	0.00%	Sep 2021	5 - 10
MB-CU-0401	Copper grade A cathode warrant premium, in-whs South Europe, \$/tonne	29 Sep 2021	15 - 25	0.00%	Sep 2021	15 - 25
MB-CU-0397	Copper grade A cathode warrant premium, in-whs Southeast Asia, \$/tonne	29 Sep 2021	25 - 40	0.00%	Sep 2021	24 - 37
MB-CU-0398	Copper grade A cathode warrant premium, in-whs East Asia \$/tonne	29 Sep 2021	25 - 40	0.00%	Sep 2021	24 - 37
MB-CU-0377	Copper grade A cathode warrant premium, in-whs US, \$/tonne	29 Sep 2021	20 - 25	0.00%	Sep 2021	20 - 25
MB-CU-0336	Copper Aurubis grade A cathode annual premium, exw Europe, \$/tonne	16 Jan 2019	96	<b>11.63%</b>	Sep 2021	
MB-CU-0410	Copper rod premium, ddp Midwest US, US cents/lb	02 Sep 2021	21 - 23	0.00%	Sep 2021	21 - 23
MB-CU-0402	Copper rod annual premium, cif Nhava Sheva, \$/tonne	07 Sep 2018	130 - 175	<b>-12.86%</b>	Sep 2021	130 - 175
MB-CU-0361	Copper import arbitrage, \$/tonne	30 Sep 2021	130.31	<b>357.07%</b>	Sep 2021	22.69
MB-CU-0362	Copper import arbitrage, yuan/tonne	30 Sep 2021	843.88	<b>357.02%</b>	Sep 2021	146.92
MB-CU-0338	Copper fixing price for LME trade, rand/tonne	01 Oct 2021	137866.02	<b>0.74%</b>	Sep 2021	135680.31
MB-CU-0321	Copper Republican copper price for Palabora 7.90mm South Africa Rand per tonne	30 Sep 2021	135678.74	<b>-1.98%</b>	Sep 2021	

### Copper concentrate & copper blister prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0287	Copper concentrates TC index, cif Asia Pacific, \$/tonne	01 Oct 2021	60.9	<b>-0.81%</b>	Sep 2021	60.35
MB-CU-0288	Copper concentrates RC index, cif Asia Pacific, US cents/lb	01 Oct 2021	6.09	<b>-0.81%</b>	Sep 2021	6.04
MB-CU-0422	Copper concentrates counterparty spread, \$/tonne	30 Sep 2021	9.36	<b>53.19%</b>	Sep 2021	7.74
MB-CU-0423	Copper Concentrates Co-VIU, \$/tonne	30 Sep 2021	(0.1)		Sep 2021	(0.27)
MB-CU-0508	Copper concentrates TC implied smelters purchase, cif Asia Pacific, \$/tonne	01 Oct 2021	65.58	<b>1.74%</b>	Sep 2021	63.41
MB-CU-0510	Copper concentrates RC implied smelters purchase, cif Asia Pacific, cents/lb	01 Oct 2021	6.56	<b>1.71%</b>	Sep 2021	6.34
MB-CU-0509	Copper concentrates TC implied traders purchase, cif Asia Pacific, \$/tonne	01 Oct 2021	56.22	<b>-3.65%</b>	Sep 2021	57.3

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0511	Copper concentrates RC implied traders purchase, cif Asia Pacific, cents/lb	01 Oct 2021	5.62	-3.60%	Sep 2021	5.73
MB-CU-0408	Copper blister 98-99% RC spot, cif China, \$/tonne	30 Sep 2021	150 - 170	-11.11%	Sep 2021	150 - 170
MB-CU-0409	Copper blister 98-99% RC annual benchmark, cif China, \$/tonne	22 Jan 2021	140 - 150	12.40%	Sep 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	28 Sep 2021	45 - 50	9.20%	Sep 2021	42.75 - 46.25
MB-NI-0242	Nickel 4x4 cathode all-in price, delivered Midwest US, US cents/lb	01 Oct 2021	866.77 - 876.77	-0.28%	Sep 2021	923.81 - 933.81
MB-NI-0243	Nickel briquette all-in price, delivered Midwest US, US cents/lb	01 Oct 2021	866.77 - 871.77	-0.29%	Sep 2021	920.96 - 924.1
MB-NI-0240	Nickel 4x4 cathode premium, delivered Midwest US, US cents/lb	28 Sep 2021	45 - 55	0.00%	Sep 2021	45 - 55
MB-NI-0245	Nickel min 99.8% briquette premium, cif Shanghai, \$/tonne	28 Sep 2021	180 - 220	14.29%	Sep 2021	180 - 220
MB-NI-0142	Nickel min 99.8% full plate premium, cif Shanghai, \$/tonne	28 Sep 2021	320 - 350	0.00%	Sep 2021	320 - 350
MB-NI-0143	Nickel min 99.8% full plate premium, in-whs Shanghai, \$/tonne	28 Sep 2021	330 - 350	0.00%	Sep 2021	330 - 350
MB-NI-0001	Nickel 4x4 cathode premium, in-whs Rotterdam, \$/tonne	28 Sep 2021	165 - 220	0.00%	Sep 2021	165 - 220
MB-NI-0002	Nickel briquette premium, in-whs Rotterdam, \$/tonne	28 Sep 2021	130 - 150	0.00%	Sep 2021	130 - 150
MB-NI-0003	Nickel uncut cathode premium, in-whs Rotterdam, \$/tonne	28 Sep 2021	40 - 75	0.00%	Sep 2021	40 - 75
MB-NI-0139	Nickel min 99.8% full plate warrant premium, in-whs East Asia, \$/tonne	29 Sep 2021	25 - 40	0.00%	Sep 2021	30 - 45
MB-NI-0137	Nickel min 99.8% full plate warrant premium, in-whs Southeast Asia, \$/tonne	29 Sep 2021	25 - 40	0.00%	Sep 2021	30 - 45
MB-NI-0140	Nickel min 99.8% briquette warrant premium, in-whs East Asia, \$/tonne	29 Sep 2021	30 - 50	-11.11%	Sep 2021	34 - 50
MB-NI-0138	Nickel min 99.8% briquette warrant premium, in-whs Southeast Asia, \$/tonne	29 Sep 2021	30 - 50	-11.11%	Sep 2021	36 - 52
MB-NI-0141	Nickel min 99.8% warrant premium, in-whs North Europe, \$/tonne	29 Sep 2021	30 - 130	-15.79%	Sep 2021	44 - 146
MB-NI-0244	Nickel sulfate min 21%, max 22.5%; cobalt 10ppm max, exw China, yuan/tonne	01 Oct 2021	36000 - 37000	-0.68%	Sep 2021	36625 - 37625
MB-NI-0246	Nickel sulfate, cif China, Japan and Korea, \$/tonne	01 Oct 2021	4949	0.16%	Sep 2021	4941
MB-NI-0247	Nickel sulfate premium, cif China, Japan and Korea, \$/tonne	01 Oct 2021	2800	-6.67%	Sep 2021	3000
MB-NI-0107	Nickel import arbitrage, yuan/tonne	30 Sep 2021	1667.71	-54.60%	Sep 2021	2115.91
MB-NI-0106	Nickel import arbitrage, \$/tonne	30 Sep 2021	257.51	-54.60%	Sep 2021	326.93
MB-NI-0093	Nickel fixing price for LME trade, rand/tonne	01 Oct 2021	274204.06	-0.36%	Sep 2021	282272.64

### 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	01 Oct 2021	115 - 120	0.00%	Sep 2021	112.5 - 116.5
MB-NIO-0002	Laterite ore with 1.5% Ni content, cif China, \$/tonne	01 Oct 2021	92 - 95	0.00%	Sep 2021	90.5 - 93.5

### Lead prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0108	Lead 99.99% ingot premium, cif Southeast Asia, \$/tonne	31 Aug 2021	125 - 145	0.00%	Sep 2021	125 - 145
MB-PB-0107	Lead 99.97% ingot premium, cif Southeast Asia, \$/tonne	31 Aug 2021	80 - 90	0.00%	Sep 2021	80 - 90
MB-PB-0084	Lead 99.97% ingot premium, cif Taiwan, \$/tonne	21 Sep 2021	100 - 115	0.00%	Sep 2021	100 - 115
MB-PB-0083	Lead 99.99% ingot premium, cif Taiwan, \$/tonne	21 Sep 2021	120 - 130	0.00%	Sep 2021	120 - 130
MB-PB-0087	Lead 99.97% ingot premium, cif India, \$/tonne	28 Sep 2021	60 - 130	0.00%	Sep 2021	60 - 130
MB-PB-0086	Lead 99.99% ingot premium, cif India, \$/tonne	28 Sep 2021	130 - 140	0.00%	Sep 2021	130 - 140
MB-PB-0099	Lead 99.99% ingot premium, delivered Midwest US, US cents/lb	28 Sep 2021	17 - 19	0.00%	Sep 2021	17 - 19
MB-PB-0006	Lead 99.97% ingot premium, ddp Midwest US, US cents/lb	28 Sep 2021	15 - 18	0.00%	Sep 2021	15 - 18
MB-PB-0056	Lead 99.97% ingot all-in price, ddp Midwest US, US cents/lb	01 Oct 2021	112.69 - 115.69	1.66%	Sep 2021	117.08 - 120.08
MB-PB-0109	Lead 99.97% ingot warrant premium, in-whs North Europe, \$/tonne	29 Sep 2021	10 - 20	-25.00%	Sep 2021	20 - 34
MB-PB-0110	Lead 99.97% ingot warrant premium, in-whs South Europe, \$/tonne	29 Sep 2021	20 - 30	25.00%	Sep 2021	22 - 36
MB-PB-0106	Lead min 99.97% ingot warrant premium, in-whs East Asia \$/tonne	29 Sep 2021	15 - 25	0.00%	Sep 2021	14 - 24
MB-PB-0105	Lead min 99.97% ingot warrant premium, in-whs Southeast Asia \$/tonne	29 Sep 2021	15 - 25	0.00%	Sep 2021	14 - 24
MB-PB-0097	Lead 99.97% ingot warrant premium, in-whs US, \$/tonne	29 Sep 2021	20 - 30	0.00%	Sep 2021	20 - 30
MB-PB-0064	Lead fixing price for LME trade, rand/tonne	01 Oct 2021	32601.92	1.88%	Sep 2021	32892.79

### 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%	Sep 2021	98
MB-PB-0100	Lead concentrate TC, low silver, annual benchmark, \$/tonne	15 Mar 2018	99	-28.26%	Sep 2021	99
MB-PB-0103	Lead spot concentrate TC, low silver, cif China, \$/tonne	24 Sep 2021	55 - 70	0.00%	Sep 2021	55 - 70
MB-PB-0104	Lead spot concentrate TC, high silver, cif China, \$/tonne	24 Sep 2021	55 - 70	0.00%	Sep 2021	55 - 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	21 Sep 2021	1800 - 2000	-9.52%	Sep 2021	1900 - 2100
MB-SN-0002	Tin 99.9% ingot premium, in-whs Rotterdam, \$ per tonne	21 Sep 2021	1300 - 1700	-6.25%	Sep 2021	1350 - 1750
MB-SN-0036	Tin 99.85% ingot premium, in-whs Baltimore, \$/tonne	21 Sep 2021	3000 - 4000	0.00%	Sep 2021	3000 - 4000
MB-SN-0038	Tin 99.9% ingot premium, cif Taiwan, \$/tonne	21 Sep 2021	350 - 450	0.00%	Sep 2021	350 - 450
MB-SN-0012	Tin grade A min 99.85% ingot all-in price, ddp Midwest US, \$/tonne	01 Oct 2021	38700 - 39850	-2.48%	Sep 2021	38319.71 - 39405.43
MB-SN-0011	Tin grade A min 99.85% ingot premium, ddp Midwest US, \$/tonne	21 Sep 2021	3150 - 4300	0.00%	Sep 2021	3150 - 4300
MB-SN-0042	Tin min 99.85% ingot warrant premium, in-whs South East Asia, \$/tonne	29 Sep 2021	50 - 150	33.33%	Sep 2021	60 - 140
MB-SN-0005	Tin rand fixing price for LME trade, rand/tonne	01 Oct 2021	538574.6	-2.79%	Sep 2021	508601.02

### Zinc prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0115	Zinc SHG 99.995% ingot premium, fca Malaysia, \$/per tonne	21 Sep 2021	100 - 120	0.00%	Sep 2021	100 - 120

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0113	Zinc SHG 99.995% ingot premium, fca Singapore, \$/per tonne	21 Sep 2021	100 - 120	0.00%	Sep 2021	100 - 120
MB-ZN-0093	Zinc SHG min 99.995% ingot premium, cif Southeast Asia, \$/tonne	21 Sep 2021	120 - 130	0.00%	Sep 2021	120 - 130
MB-ZN-0116	Zinc SHG 99.995% ingot premium, cif Taiwan \$/tonne	21 Sep 2021	120 - 130	0.00%	Sep 2021	120 - 130
MB-ZN-0119	Zinc min 99.995% ingot premium, in-whs Shanghai, \$/tonne	28 Sep 2021	90 - 110	0.00%	Sep 2021	90 - 110
MB-ZN-0106	Zinc SHG min 99.995% ingot premium, cif Shanghai, \$/per tonne	28 Sep 2021	90 - 110	0.00%	Sep 2021	90 - 110
MB-ZN-0102	Zinc SHG min 99.995% ingot premium, ddp Italy, \$/per tonne	21 Sep 2021	195 - 210	5.19%	Sep 2021	190 - 205
MB-ZN-0103	Zinc SHG min 99.995% ingot premium, fca dp Italy, \$/tonne	21 Sep 2021	175 - 185	9.09%	Sep 2021	167.5 - 177.5
MB-ZN-0099	Zinc SHG min 99.995% ingot premium, dp fca Antwerp, \$/tonne	28 Sep 2021	150 - 180	4.76%	Sep 2021	141.25 - 165
MB-ZN-0001	Zinc SHG min 99.995% ingot premium, dp fca Rotterdam, \$/tonne	28 Sep 2021	150 - 180	4.76%	Sep 2021	141.25 - 165
MB-ZN-0082	Zinc SHG min 99.995% ingot premium monthly average, delivered UK, £/tonne	01 Oct 2021	2398	3.23%	Sep 2021	2323
MB-ZN-0005	Zinc SHG min 99.995% ingot premium, ddp Midwest US, US cents/lb	28 Sep 2021	9.5 - 10.5	0.00%	Sep 2021	9.19 - 10.25
MB-ZN-0061	Zinc SHG min 99.995% ingot all-in price, ddp Midwest US, US cents/lb	01 Oct 2021	145.49 - 146.49	-0.49%	Sep 2021	147.08 - 148.18
MB-ZN-0104	Zinc SHG min 99.995% warrant premium, in-whs US, \$/per tonne	29 Sep 2021	10 - 15	0.00%	Sep 2021	10 - 15
MB-ZN-0117	Zinc SHG min 99.995% warrant premium, in-whs North Europe, \$/tonne	29 Sep 2021	80 - 100	24.14%	Sep 2021	68 - 84
MB-ZN-0123	Zinc SHG min 99.995% warrant premium, in-whs Southeast Asia, \$/tonne	29 Sep 2021	10 - 25	16.67%	Sep 2021	12 - 21
MB-ZN-0083	Zinc import arbitrage, \$/tonne	30 Sep 2021	(149.1)		Sep 2021	(105.03)
MB-ZN-0084	Zinc import arbitrage, yuan/tonne	30 Sep 2021	(965.6)		Sep 2021	(679.62)
MB-ZN-0072	Zinc rand fixing price for LME trade, rand/tonne	01 Oct 2021	45370.37	-0.59%	Sep 2021	44217.46

### Zinc concentrate & zinc alloy prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0121	Zinc concentrate TC spot, delivered South China, yuan/tonne	24 Sep 2021	3900 - 4200	-1.22%	Sep 2021	3900 - 4200
MB-ZN-0120	Zinc concentrate TC spot, delivered North China, yuan/tonne	24 Sep 2021	4000 - 4500	-2.30%	Sep 2021	4000 - 4500
MB-ZN-0110	Zinc spot concentrate TC, cif China, \$/per tonne	24 Sep 2021	75 - 88	-2.40%	Sep 2021	75 - 90
MB-ZN-0111	Zinc concentrate TC annual benchmark, cif China, \$/per tonne	24 Jul 2019	245	66.67%	Sep 2021	245

## Minor metals prices

Source: [dashboard.fastmarkets.com/m/1fa335bf-a37e-4af1-90ad-ddc3eb8d0576](https://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	01 Oct 2021	25.85 - 26.25	0.66%	Sep 2021	24.4 - 24.98
MB-CO-0004	Cobalt alloy grade, in-whs Rotterdam, \$/lb	01 Oct 2021	25.75 - 26.25	0.78%	Sep 2021	24.38 - 24.98
MB-CO-0001	Cobalt 99.8% Co min, ex-works China, yuan/tonne	01 Oct 2021	370000 - 394000	0.00%	Sep 2021	363444.44 - 386222.22
MB-CO-0017	Cobalt sulfate 20.5% Co basis, exw China, yuan/tonne	01 Oct 2021	84000 - 85000	0.00%	Sep 2021	79666.67 - 81555.56
MB-CO-0012	Cobalt tetroxide 72.6% Co min, delivered China, yuan/tonne	01 Oct 2021	290000 - 300000	0.00%	Sep 2021	280666.67 - 290000
MB-CO-0020	Cobalt hydroxide index 30% Co min, cif China, \$/lb	01 Oct 2021	22.52	1.90%	Sep 2021	21.41
MB-CO-0021	Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	01 Oct 2021	88 - 91	0.00%	Sep 2021	88 - 90.11

### Europe minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0004	Cobalt alloy grade, in-whs Rotterdam, \$/lb	01 Oct 2021	25.75 - 26.25	0.78%	Sep 2021	24.38 - 24.98
MB-CO-0005	Cobalt standard grade, in-whs Rotterdam, \$/lb	01 Oct 2021	25.85 - 26.25	0.66%	Sep 2021	24.4 - 24.98
MB-AS-0001	Arsenic 99% min As, in-whs Rotterdam, \$/lb	24 Sep 2021	1.4 - 1.7	0.00%	Sep 2021	1.4 - 1.7
MB-SB-0002	Antimony MMTA standard grade II, in-whs Rotterdam, \$/tonne	01 Oct 2021	12700 - 13100	0.39%	Sep 2021	12188.89 - 12666.67
MB-SB-0001	Antimony max 100 ppm Bi, in-whs Rotterdam, \$/tonne	01 Oct 2021	12900 - 13300	0.96%	Sep 2021	12255.56 - 12794.44
MB-BI-0001	Bismuth 99.99% Bi min, in-whs Rotterdam, \$/lb	01 Oct 2021	3.7 - 4.1	0.00%	Sep 2021	3.7 - 4.04
MB-CR-0001	Chromium alumino-thermic 99% min, in-whs Rotterdam, \$/tonne	01 Oct 2021	10250 - 10550	0.00%	Sep 2021	10175 - 10437.5
MB-GA-0001	Gallium 99.99% Ga min, in-whs Rotterdam, \$/kg	01 Oct 2021	310 - 335	0.00%	Sep 2021	308.89 - 333.89
MB-GER-0003	Germanium 99.99% Ge, in-whs Rotterdam, \$/kg	01 Oct 2021	1240 - 1350	1.17%	Sep 2021	1281.11 - 1350
MB-IN-0002	Indium 99.99%, in-whs Rotterdam, \$/kg	01 Oct 2021	250 - 280	1.53%	Sep 2021	238 - 275.56
MB-MG-0001	Magnesium 99.9%, in-whs Rotterdam, \$/tonne	01 Oct 2021	16000 - 16500	116.67%	Sep 2021	5775 - 6612.5
MB-MN-0001	Manganese 99.7% electrolytic manganese flake, in-whs Rotterdam, \$/tonne	01 Oct 2021	6300 - 6500	2.40%	Sep 2021	5372.22 - 5583.33
MB-RE-0001	Rhenium APR catalytic grade, in-whs dup Rotterdam, \$/kg	24 Sep 2021	890 - 1050	0.00%	Sep 2021	890 - 1050
MB-RE-0002	Rhenium metal pellets 99.9% Re min, in-whs dup, Rotterdam \$/lb	24 Sep 2021	450 - 700	0.00%	Sep 2021	450 - 700
MB-SE-0002	Selenium 99.5% Se min, in-whs Rotterdam, \$/lb	01 Oct 2021	9.65 - 11	0.00%	Sep 2021	9.58 - 10.6
MB-SI-0004	Silicon grade 5-5-3 98.5% Si min, in-whs Rotterdam, €/tonne	01 Oct 2021	6000 - 7000	36.84%	Sep 2021	3675 - 4050
MB-SI-0001	Silicon grade 4-4-1 99% Si min, in-whs Rotterdam, €/tonne	01 Oct 2021	6000 - 7000	36.84%	Sep 2021	3675 - 4050
MB-TE-0001	Tellurium 99.9-99.99% Te min, in-whs Rotterdam, \$/kg	01 Oct 2021	68 - 75	-3.38%	Sep 2021	68 - 80

### China minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0001	Cobalt 99.8% Co min, ex-works China, yuan/tonne	01 Oct 2021	370000 - 394000	0.00%	Sep 2021	363444.44 - 386222.22

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)	01 Oct 2021	88 - 91	0.00%	Sep 2021	88 - 90.11
MB-CO-0020	Cobalt hydroxide index 30% Co min, cif China, \$/lb	01 Oct 2021	22.52	1.90%	Sep 2021	21.41
MB-CO-0017	Cobalt sulfate 20.5% Co basis, exw China, yuan/tonne	01 Oct 2021	84000 - 85000	0.00%	Sep 2021	79666.67 - 81555.56
MB-CO-0012	Cobalt tetroxide 72.6% Co min, delivered China, yuan/tonne	01 Oct 2021	290000 - 300000	0.00%	Sep 2021	280666.67 - 290000
MB-SB-0003	Antimony MMTA standard grade II, ddp China, yuan/tonne	01 Oct 2021	72500 - 74000	0.00%	Sep 2021	70875 - 71875
MB-BI-0002	Bismuth 99.99% Bi min, in-whs China, yuan/tonne	01 Oct 2021	46500 - 47500	0.00%	Sep 2021	46000 - 47125
MB-GA-0002	Gallium 99.99% Ga min, in-whs China, yuan/kg	01 Oct 2021	1930 - 1950	0.00%	Sep 2021	1930 - 1950
MB-GER-0004	Germanium 99.999% Ge min, in-whs China, yuan/kg	01 Oct 2021	8750 - 8900	0.00%	Sep 2021	8712.5 - 8900
MB-GER-0001	Germanium dioxide, in-whs China, \$/kg	01 Oct 2021	880 - 890	0.00%	Sep 2021	850 - 871.56
MB-IN-0003	Indium 99.99%, exw China, yuan/kg	01 Oct 2021	1600 - 1700	0.00%	Sep 2021	1612.5 - 1725
MB-MG-0002	Magnesium 99.9% Mg min, fob China main ports, \$/tonne	01 Oct 2021	10000 - 11000	0.00%	Sep 2021	6480 - 6882.5
MB-MG-0003	Magnesium 99.9%, exw China, yuan/tonne	01 Oct 2021	65000 - 70000	0.00%	Sep 2021	41500 - 44250
MB-MN-0007	Manganese 99.7% electrolytic manganese flake, fob China, \$/tonne	01 Oct 2021	4800 - 5200	0.00%	Sep 2021	4675 - 4862.5
MB-SI-0002	Silicon export 98.5% Si min, fob China, \$/tonne	01 Oct 2021	9000 - 10000	0.00%	Sep 2021	5500 - 5980
MB-SE-0003	Selenium 99.9% Se min, in-whs China, yuan/kg	01 Oct 2021	120 - 185	0.00%	Sep 2021	120 - 173.75
MB-TE-0002	Tellurium 99.99% Te min, in-whs China, yuan/kg	01 Oct 2021	490 - 515	0.00%	Sep 2021	497.5 - 525
MB-TA-0001	Tantalite, basis 25% min Ta2O5, cif China, \$ per lb Ta2O5	01 Oct 2021	80 - 85	0.00%	Sep 2021	84.75 - 89.5

### US minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CR-0002	Chromium alumino-thermic 99% min ex-US warehouse \$/lb	30 Sep 2021	4.85 - 5	0.00%	Sep 2021	4.85 - 5
MB-SI-0003	Silicon, ddp US, US cents/lb	30 Sep 2021	225 - 250	15.85%	Sep 2021	178.8 - 200
MB-TI-0007	Titanium plate commercially pure, fob shipping point US, \$/lb	12 Jul 2021	11 - 13	0.00%	Sep 2021	11 - 13
MB-TI-0006	Titanium bar alloy AMS 4928, fob shipping point US, \$/lb	12 Jul 2021	24 - 25	0.00%	Sep 2021	24 - 25
MB-TI-0004	Titanium ingot 6Al-4V, fob shipping point US, \$/lb	12 Jul 2021	8 - 8.5	3.13%	Sep 2021	8 - 8.5
MB-TI-0008	Titanium sheet commercially pure, fob shipping point US, \$/lb	12 Jul 2021	13 - 15	7.69%	Sep 2021	13 - 15
MB-TI-0005	Titanium plate alloy AMS 4911, fob shipping point US, \$/lb	12 Jul 2021	27 - 28	0.00%	Sep 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	01 Oct 2021	95 - 122	0.00%	Sep 2021	91.11 - 117.44
MB-CD-0002	Cadmium 99.99% min, cif global ports, cents/lb	01 Oct 2021	95 - 122	0.00%	Sep 2021	91.11 - 117.44
MB-HF-0001	Hafnium, max 1% Zr, in-whs global locations, \$/kg	24 Sep 2021	850 - 950	0.00%	Sep 2021	850 - 950

# Non-ferrous scrap prices

Source: [dashboard.fastmarkets.com/m/3ca714c4-9cae-418e-9e78-581721ebe93d](https://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 Oct 2021	55	0.00%	Sep 2021	57.5
MB-AL-0370	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	45	0.00%	Sep 2021	45
MB-AL-0371	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	56	1.82%	Sep 2021	55
MB-AL-0367	Aluminum scrap litho sheets, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	70	0.00%	Sep 2021	75.5
MB-AL-0372	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	60	0.00%	Sep 2021	60.5
MB-AL-0037	Aluminum scrap segregated low copper alloy clips 3105, mills specialty consumers' buying price, delivered consumer US, US cents/lb	30 Sep 2021	90 - 92	0.00%	Sep 2021	89.2 - 91.2
MB-AL-0369	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	60	0.00%	Sep 2021	60.5
MB-AL-0366	Aluminum scrap industrial castings, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	48	0.00%	Sep 2021	47.5
MB-AL-0365	Aluminum scrap aluminum borings, turnings, clean & dry, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	25	0.00%	Sep 2021	22.5
MB-AL-0031	Aluminum scrap turnings clean dry high grade buying price, delivered to Midwest secondary smelters, US cents/lb	30 Sep 2021	65 - 69	1.52%	Sep 2021	64.2 - 68.2
MB-AL-0032	Aluminum scrap turnings clean dry mixed grade (max 5% Zn) buying price, delivered to Midwest secondary smelters, US cents/lb	30 Sep 2021	57 - 61	0.00%	Sep 2021	55.8 - 59.8
MB-AL-0033	Aluminum scrap aluminium-copper radiators buying price, delivered to Midwest secondary smelters, US cents/lb	30 Sep 2021	195 - 205	0.00%	Sep 2021	196.2 - 206.2
MB-AL-0030	Aluminum scrap old cast buying price, delivered to Midwest secondary smelters, US cents/lb	30 Sep 2021	66 - 70	0.00%	Sep 2021	65.6 - 69.6
MB-AL-0029	Aluminum scrap old sheet buying price, delivered to Midwest secondary smelters, US cents/lb	30 Sep 2021	66 - 70	1.49%	Sep 2021	64.8 - 68.8
MB-AL-0027	Aluminum scrap siding buying price, delivered Midwest secondary smelters, US cents/lb	30 Sep 2021	70 - 73	0.00%	Sep 2021	69 - 72
MB-AL-0368	Aluminum scrap mixed clips, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	60	0.00%	Sep 2021	60.5
MB-AL-0028	Aluminum scrap mixed clips buying price, delivered to Midwest secondary smelters, US cents/lb	30 Sep 2021	68 - 71	0.00%	Sep 2021	66.4 - 69.4
MB-AL-0024	Aluminum scrap mixed high copper clips, buying price, delivered Midwest secondary smelters, US cents/lb	30 Sep 2021	73 - 76	0.00%	Sep 2021	71.4 - 74.4
MB-AL-0038	Aluminum scrap mixed low copper clips, specialty consumers' buying price, delivered consumer US, US cents/lb	30 Sep 2021	87 - 90	0.00%	Sep 2021	86.6 - 89.4
MB-AL-0023	Aluminum scrap mixed low copper clips, buying price, delivered Midwest secondary smelters, US cents/lb	30 Sep 2021	76 - 78	0.00%	Sep 2021	74.4 - 77
MB-AL-0025	Aluminum scrap mixed high zinc clips buying price, delivered Midwest secondary smelters, US cents/lb	30 Sep 2021	65 - 67	0.00%	Sep 2021	64.2 - 66.8
MB-AL-0026	Aluminum scrap 1-1-3 sows buying price, delivered Midwest secondary smelters, US cents/lb	30 Sep 2021	71 - 73	1.41%	Sep 2021	70 - 72

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	30 Sep 2021	138 - 142	0.00%	Sep 2021	137.2 - 141.2
MB-AL-0039	Aluminum scrap painted siding, specialty consumers' buying price, delivered consumer US, US cents/lb	30 Sep 2021	86 - 89	0.00%	Sep 2021	85.2 - 88.2
MB-AL-0373	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	45	0.00%	Sep 2021	47
MB-AL-0035	Aluminum scrap used beverage cans, domestic aluminum producer buying price, fob shipping point US, US cents/lb	30 Sep 2021	84 - 88	0.00%	Sep 2021	81.2 - 85.4
MB-AL-0034	Aluminum scrap non-ferrous auto shred (90% Al) buying price, delivered to Midwest secondary smelters, US cents/lb	30 Sep 2021	75 - 80	<b>2.65%</b>	Sep 2021	72 - 77
MB-AL-0375	Zorba 95/3 min, basis delivered US facility, US cents/lb	30 Sep 2021	65 - 67	<b>3.13%</b>	Sep 2021	62 - 64
MB-AL-0161	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	185	<b>2.78%</b>	Sep 2021	154.5
MB-AL-0117	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	40	0.00%	Sep 2021	40
MB-AL-0101	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	20	0.00%	Sep 2021	20
MB-AL-0118	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	75	<b>7.14%</b>	Sep 2021	67.5
MB-AL-0102	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	53	0.00%	Sep 2021	47.5
MB-AL-0160	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	60	0.00%	Sep 2021	60
MB-AL-0085	Aluminum scrap mixed clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	50	0.00%	Sep 2021	50
MB-AL-0054	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	100	<b>-21.26%</b>	Sep 2021	115
MB-AL-0149	Aluminum scrap industrial castings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	40	0.00%	Sep 2021	40
MB-AL-0150	Aluminum scrap industrial castings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	69	<b>-1.43%</b>	Sep 2021	62.5
MB-AL-0133	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	15	0.00%	Sep 2021	15
MB-AL-0134	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	98	<b>15.29%</b>	Sep 2021	80
MB-AL-0203	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	47	0.00%	Sep 2021	47
MB-AL-0204	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	94	0.00%	Sep 2021	87
MB-AL-0070	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	101	<b>3.06%</b>	Sep 2021	91
MB-AL-0069	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	53	<b>6.00%</b>	Sep 2021	47.5
MB-AL-0053	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	60	0.00%	Sep 2021	60

**Canadian aluminium scrap prices**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
--------	-------------	------	-------	-----	-------	-----------------

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0161	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	185	2.78%	Sep 2021	154.5
MB-AL-0117	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	40	0.00%	Sep 2021	40
MB-AL-0101	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	20	0.00%	Sep 2021	20
MB-AL-0118	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	75	7.14%	Sep 2021	67.5
MB-AL-0102	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	53	0.00%	Sep 2021	47.5
MB-AL-0160	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	60	0.00%	Sep 2021	60
MB-AL-0085	Aluminum scrap mixed clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	50	0.00%	Sep 2021	50
MB-AL-0054	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	100	-21.26%	Sep 2021	115
MB-AL-0149	Aluminum scrap industrial castings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	40	0.00%	Sep 2021	40
MB-AL-0150	Aluminum scrap industrial castings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	69	-1.43%	Sep 2021	62.5
MB-AL-0133	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	15	0.00%	Sep 2021	15
MB-AL-0134	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	98	15.29%	Sep 2021	80
MB-AL-0203	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	47	0.00%	Sep 2021	47
MB-AL-0204	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	94	0.00%	Sep 2021	87
MB-AL-0070	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	101	3.06%	Sep 2021	91
MB-AL-0069	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	53	6.00%	Sep 2021	47.5
MB-AL-0053	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	60	0.00%	Sep 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	29 Sep 2021	1191 - 1231	-0.41%	Sep 2021	1146 - 1186
MB-AL-0015	Aluminium scrap group 7 turnings, delivered consumer UK, £/tonne	29 Sep 2021	680 - 720	7.69%	Sep 2021	632 - 672
MB-AL-0012	Aluminium scrap commercial turnings, delivered consumer UK, £/tonne	29 Sep 2021	880 - 930	3.43%	Sep 2021	840 - 888
MB-AL-0285	Aluminium scrap commercial turnings, LME discount, delivered consumer UK, £/tonne	29 Sep 2021	981 - 1031	1.51%	Sep 2021	930 - 978
MB-AL-0010	Aluminium scrap commercial cast, delivered consumer UK, £/tonne	29 Sep 2021	1150 - 1200	7.31%	Sep 2021	1062 - 1110
MB-AL-0283	Aluminium scrap commercial cast, LME discount, delivered consumer UK, £/tonne	29 Sep 2021	711 - 761	-4.54%	Sep 2021	708 - 756
MB-AL-0011	Aluminium scrap commercial pure cuttings, delivered consumer UK, £/tonne	29 Sep 2021	1250 - 1300	3.24%	Sep 2021	1204 - 1258

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0279	Aluminium scrap commercial pure cuttings, LME discount, delivered consumer UK, £/tonne	29 Sep 2021	833 - 883	-0.35%	Sep 2021	787.6 - 841.6
MB-AL-0017	Aluminium scrap LM6/LM25 gravity diecasting ingot, delivered consumer UK, £/tonne	29 Sep 2021	2190 - 2300	6.40%	Sep 2021	2034 - 2106
MB-AL-0284	Aluminium scrap cast wheels, LME discount, delivered consumer UK, £/tonne	29 Sep 2021	261 - 311	-12.27%	Sep 2021	276 - 346
MB-AL-0007	Aluminium scrap cast wheels, delivered consumer UK, £/tonne	29 Sep 2021	1600 - 1650	5.52%	Sep 2021	1472 - 1542
MB-AL-0008	Aluminium scrap cast, delivered consumer Europe, €/tonne	01 Oct 2021	1420 - 1480	3.20%	Sep 2021	1352.5 - 1407.5
MB-AL-0278	Aluminium scrap group 1 pure 99% & litho, LME discount, delivered consumer UK, £/tonne	29 Sep 2021	233 - 283	-4.80%	Sep 2021	245.6 - 295.6
MB-AL-0014	Aluminium scrap group 1 pure 99% & litho, delivered consumer UK, £/tonne	29 Sep 2021	1850 - 1900	2.74%	Sep 2021	1750 - 1800
MB-AL-0281	Aluminium scrap loose old rolled cuttings, LME discount, delivered consumer UK, £/tonne	29 Sep 2021	911 - 961	3.31%	Sep 2021	858 - 904
MB-AL-0018	Aluminium scrap loose old rolled cuttings, delivered consumer UK, £/tonne	29 Sep 2021	950 - 1000	1.56%	Sep 2021	914 - 960
MB-AL-0282	Aluminium scrap baled old rolled, LME discount, delivered consumer UK, £/tonne	29 Sep 2021	811 - 891	4.29%	Sep 2021	758 - 816
MB-AL-0006	Aluminium scrap baled old rolled, delivered consumer UK, £/tonne	29 Sep 2021	1020 - 1100	0.95%	Sep 2021	1002 - 1060
MB-AL-0280	Aluminium scrap clean HE9 extrusions, LME discount, delivered consumer UK, £/tonne	29 Sep 2021	233 - 283	-4.80%	Sep 2021	245.6 - 295.6
MB-AL-0013	Aluminium scrap floated frag, delivered consumer Europe, €/tonne	01 Oct 2021	1550 - 1600	3.28%	Sep 2021	1465 - 1520
MB-AL-0019	Aluminium scrap mixed turnings, delivered consumer Europe, €/tonne	01 Oct 2021	1300 - 1350	1.53%	Sep 2021	1260 - 1317.5
MB-AL-0009	Aluminium scrap clean HE9 extrusions, delivered consumer UK, £/tonne	29 Sep 2021	1850 - 1900	2.74%	Sep 2021	1750 - 1800
MB-AL-0016	Aluminium scrap LM24 pressure diecasting ingot, delivered consumer UK, £/tonne	29 Sep 2021	1850 - 1950	4.11%	Sep 2021	1782 - 1840

**Secondary aluminium alloy prices**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0005	Aluminium pressure diecasting ingot DIN226/A380, delivered Europe, €/tonne	01 Oct 2021	2280 - 2400	7.59%	Sep 2021	2052.5 - 2112.5
MB-AL-0040	Aluminum alloy A380.1, delivered Midwest, US cents/lb	30 Sep 2021	122 - 126	1.22%	Sep 2021	120.2 - 123.4
MB-AL-0233	Aluminum alloy A380.1, delivered Midwest, \$/lb	30 Sep 2021	1.22 - 1.26	0.81%	Sep 2021	
MB-AL-0041	Aluminum alloy 319.1, delivered Midwest, cents/lb	30 Sep 2021	130 - 133	0.77%	Sep 2021	128.6 - 131.6
MB-AL-0042	Aluminum alloy 356.1, delivered Midwest, cents/lb	30 Sep 2021	150 - 154	2.70%	Sep 2021	146.4 - 148.8
MB-AL-0043	Aluminum alloy A360.1, delivered Midwest, cents/lb	30 Sep 2021	150 - 155	4.45%	Sep 2021	145 - 147.6
MB-AL-0044	Aluminum alloy A413.1, delivered Midwest, cents/lb	30 Sep 2021	151 - 156	4.42%	Sep 2021	146 - 148.6
MB-AL-0292	Aluminium ingot ADC 12 spot (MJP), cfr Japan, \$/tonne	29 Sep 2021	3000 - 3200	5.98%	Sep 2021	2754 - 2910
MB-AL-0350	Aluminium ingot ADC 12, exw dp China, yuan/tonne	29 Sep 2021	23700 - 24200	1.27%	Sep 2021	22400 - 22940

**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 Oct 2021	335	0.00%	Sep 2021	339

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	29 Sep 2021	(26) - (23)		Sep 2021	(26.2) - (23.2)
MB-CU-0292	Copper scrap No1 copper, discount, buying price, delivered to refiners, US cents/lb	29 Sep 2021	(22) - (18)		Sep 2021	(23.2) - (19.4)
MB-CU-0291	Copper scrap No1 copper, discount, buying price, delivered to brass mill US, US cents/lb	29 Sep 2021	(16) - (12)		Sep 2021	(19.2) - (14.6)
MB-CU-0294	Copper scrap No1 bare bright, discount, buying price, delivered to brass ingot makers, US cents/lb	29 Sep 2021	(13) - (11)		Sep 2021	(13.4) - (11.4)
MB-CU-0305	Copper scrap No1 bare bright, buying price, delivered to brass ingot makers, US cents/lb	01 Oct 2021	406 - 408	<b>2.52%</b>	Sep 2021	413.38 - 415.38
MB-CU-0306	Copper scrap No1 copper, buying price, delivered to brass ingot makers, US cents/lb	01 Oct 2021	393 - 396	<b>2.60%</b>	Sep 2021	400.62 - 403.62
MB-CU-0302	Copper scrap No1 copper, buying price, delivered to brass mill US, US cents/lb	01 Oct 2021	405	<b>2.53%</b>	Sep 2021	409.62
MB-CU-0298	Copper scrap No1 comp solids, buying price, delivered to brass ingot makers, US cents/lb	29 Sep 2021	326 - 330	<b>-0.61%</b>	Sep 2021	327.6 - 332
MB-CU-0303	Copper scrap No1 copper, buying price, delivered to refiners, US cents/lb	01 Oct 2021	399	<b>2.57%</b>	Sep 2021	405.45
MB-CU-0010	Copper scrap No1 heavy copper & wire, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	462	<b>-1.07%</b>	Sep 2021	463.5
MB-CU-0009	Copper scrap No1 heavy copper & wire, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	330	<b>3.13%</b>	Sep 2021	315
MB-CU-0512	No1 copper material, RCu-2A,1B (candy/berry), cif China, LME/Comex discount, US cents per lb	27 Sep 2021	8.5 - 11	<b>-29.09%</b>	Sep 2021	8.5 - 11
MB-CU-0360	No2 copper material, RCu-2B (birch/cliff), cif China, LME/Comex discount, US cents per lb	27 Sep 2021	25 - 30	<b>-36.78%</b>	Sep 2021	25 - 30
MB-CU-0025	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	283	<b>-0.70%</b>	Sep 2021	279
MB-CU-0418	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	313	<b>-3.10%</b>	Sep 2021	319
MB-CU-0304	Copper scrap No2 copper, buying price, delivered to refiners, US cents/lb	01 Oct 2021	365	<b>2.82%</b>	Sep 2021	368.38
MB-CU-0307	Copper scrap No2 copper, buying price, delivered to brass ingot makers, US cents/lb	01 Oct 2021	362 - 364	<b>2.83%</b>	Sep 2021	367.57 - 370.9
MB-CU-0293	Copper scrap No2 copper, discount, buying price, delivered to refiners, US cents/lb	29 Sep 2021	(56) - (52)		Sep 2021	(59.6) - (56.4)
MB-CU-0296	Copper scrap No2 copper, discount, buying price, delivered to brass ingot makers, US cents/lb	29 Sep 2021	(57) - (55)		Sep 2021	(59) - (55.8)
MB-CU-0026	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	435	0.00%	Sep 2021	432.5

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

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0421	Copper scrap yellow brass solids, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	190	0.00%	Sep 2021	192.5
MB-CU-0301	Copper scrap yellow brass solids, buying price, delivered to brass ingot makers, US cents/lb	29 Sep 2021	255 - 260	0.00%	Sep 2021	252 - 258
MB-CU-0416	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	167	0.00%	Sep 2021	173
MB-CU-0414	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	160	<b>-7.51%</b>	Sep 2021	179

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0300	Copper scrap radiators, buying price, delivered to brass ingot makers, US cents/lb	29 Sep 2021	252 - 257	-1.17%	Sep 2021	253.2 - 258.2
MB-CU-0413	Copper scrap 70-30 brass clips, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	249	0.00%	Sep 2021	249.5
MB-CU-0415	Copper scrap light copper, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	295	0.00%	Sep 2021	297.5
MB-CU-0297	Copper scrap light copper, discount, buying price, delivered to brass ingot makers, US cents/lb	29 Sep 2021	(62) - (58)		Sep 2021	(62.8) - (58.2)
MB-CU-0308	Copper scrap light copper, buying price, delivered to brass ingot makers, US cents/lb	01 Oct 2021	357 - 361	2.87%	Sep 2021	363.9 - 368.57
MB-CU-0299	Copper scrap comp borings, turnings, buying price, delivered to brass ingot makers, US cents/lb	29 Sep 2021	318 - 323	-0.62%	Sep 2021	319 - 324.6
MB-CU-0419	Copper scrap red brass solids, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	230	0.00%	Sep 2021	236.5
MB-CU-0420	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	222	0.00%	Sep 2021	229

**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 Oct 2021	175	-2.78%	Sep 2021	177.5
MB-CU-0120	Copper scrap yellow brass solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	313	0.00%	Sep 2021	294
MB-CU-0135	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	110	0.00%	Sep 2021	110
MB-CU-0136	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	284	-0.35%	Sep 2021	256.5
MB-CU-0196	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	150	0.00%	Sep 2021	150
MB-CU-0197	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	262	3.56%	Sep 2021	243.5
MB-CU-0181	Copper scrap 70-30 brass clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	180	0.00%	Sep 2021	180
MB-CU-0042	Copper scrap light copper, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	444	-5.53%	Sep 2021	427.5
MB-CU-0041	Copper scrap light copper, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	260	6.12%	Sep 2021	245
MB-CU-0058	Copper scrap red brass solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	388	0.52%	Sep 2021	367
MB-CU-0073	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	120	0.00%	Sep 2021	120
MB-CU-0074	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	380	0.00%	Sep 2021	344.5
MB-CU-0057	Copper scrap red brass solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	210	0.00%	Sep 2021	210

**Chicago nickel scrap prices**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
--------	-------------	------	-------	-----	-------	-----------------

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0202	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	22 Sep 2021	430 - 512	<b>0.21%</b>	Sep 2021	440 - 501
MB-NI-0198	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	22 Sep 2021	120 - 130	<b>2.04%</b>	Sep 2021	120 - 127.5
MB-NI-0152	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Sep 2021	189 - 200	<b>-0.26%</b>	Sep 2021	189 - 200
MB-NI-0197	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Chicago, US cents/lb	22 Sep 2021	545 - 614	<b>1.67%</b>	Sep 2021	547.5 - 602
MB-NI-0154	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Sep 2021	310 - 340	<b>2.36%</b>	Sep 2021	310 - 340
MB-NI-0151	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Sep 2021	121 - 130	<b>0.40%</b>	Sep 2021	121 - 130
MB-NI-0200	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	22 Sep 2021	270 - 301	<b>1.96%</b>	Sep 2021	270 - 295.5
MB-NI-0199	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	22 Sep 2021	170 - 190	<b>0.84%</b>	Sep 2021	171.5 - 187
MB-NI-0150	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Sep 2021	84 - 86	<b>1.19%</b>	Sep 2021	84 - 86
MB-NI-0149	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Sep 2021	382 - 410	<b>0.89%</b>	Sep 2021	382 - 410
MB-NI-0155	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Sep 2021	28 - 33	<b>7.02%</b>	Sep 2021	28 - 33
MB-NI-0201	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	22 Sep 2021	260 - 303	<b>3.11%</b>	Sep 2021	262.5 - 292
MB-NI-0153	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	01 Sep 2021	185 - 200	<b>-2.53%</b>	Sep 2021	185 - 200
MB-NI-0193	Nickel scrap nickel turnings, broker buying price, delivered to yard Chicago, US cents/lb	22 Sep 2021	675 - 795	<b>-2.00%</b>	Sep 2021	687.5 - 797.5
MB-NI-0145	Nickel scrap nickel turnings, dealer buying price, delivered to yard Chicago, US cents/lb	01 Sep 2021	482 - 546	<b>1.28%</b>	Sep 2021	482 - 546
MB-NI-0192	Nickel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	22 Sep 2021	725 - 810	<b>-2.54%</b>	Sep 2021	732.5 - 822.5
MB-NI-0144	Nickel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	01 Sep 2021	508 - 565	<b>2.19%</b>	Sep 2021	508 - 565
MB-NI-0196	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	22 Sep 2021	435 - 460	<b>2.52%</b>	Sep 2021	405 - 479
MB-NI-0148	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	01 Sep 2021	301 - 307	<b>-6.46%</b>	Sep 2021	301 - 307
MB-NI-0194	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	22 Sep 2021	450 - 510	<b>-3.81%</b>	Sep 2021	450 - 529
MB-NI-0146	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	01 Sep 2021	315 - 316	<b>-10.50%</b>	Sep 2021	315 - 316
MB-NI-0195	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Chicago, US cents/lb	22 Sep 2021	300 - 380	<b>-4.63%</b>	Sep 2021	300 - 396.5
MB-NI-0147	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Chicago, US cents/lb	01 Sep 2021	210 - 238	<b>-5.68%</b>	Sep 2021	210 - 238
MB-NI-0203	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	22 Sep 2021	38 - 47	<b>-2.30%</b>	Sep 2021	39.5 - 46.5

**Detroit nickel scrap prices**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
--------	-------------	------	-------	-----	-------	-----------------

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0212	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	22 Sep 2021	275 - 290	0.00%	Sep 2021	275 - 290
MB-NI-0162	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Sep 2021	84 - 86	9.68%	Sep 2021	84 - 86
MB-NI-0167	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Sep 2021	28 - 33	7.02%	Sep 2021	28 - 33
MB-NI-0214	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	22 Sep 2021	442 - 500	0.21%	Sep 2021	446 - 495
MB-NI-0211	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	22 Sep 2021	177 - 190	1.38%	Sep 2021	177.5 - 187
MB-NI-0164	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Sep 2021	189 - 200	6.87%	Sep 2021	189 - 200
MB-NI-0161	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Sep 2021	382 - 410	7.90%	Sep 2021	382 - 410
MB-NI-0210	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	22 Sep 2021	124 - 130	2.42%	Sep 2021	123.5 - 127.5
MB-NI-0209	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Detroit, US cents/lb	22 Sep 2021	560 - 585	0.44%	Sep 2021	555 - 587.5
MB-NI-0166	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Sep 2021	310 - 340	9.61%	Sep 2021	310 - 340
MB-NI-0163	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Sep 2021	121 - 130	7.27%	Sep 2021	121 - 130
MB-NI-0213	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	22 Sep 2021	265 - 280	0.00%	Sep 2021	265 - 280
MB-NI-0165	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	01 Sep 2021	185 - 200	6.65%	Sep 2021	185 - 200
MB-NI-0205	Nickel scrap nickel turnings, broker buying price, delivered to yard Detroit, US cents/lb	22 Sep 2021	635 - 795	-1.38%	Sep 2021	642.5 - 797.5
MB-NI-0157	Nickel scrap nickel turnings, dealer buying price, delivered to yard Detroit, US cents/lb	01 Sep 2021	482 - 546	1.28%	Sep 2021	482 - 546
MB-NI-0204	Nickel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	22 Sep 2021	665 - 805	-2.00%	Sep 2021	672.5 - 812.5
MB-NI-0156	Nickel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	01 Sep 2021	508 - 565	2.19%	Sep 2021	508 - 565
MB-NI-0208	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	22 Sep 2021	435 - 440	12.90%	Sep 2021	405 - 420
MB-NI-0160	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	01 Sep 2021	301 - 307	-6.46%	Sep 2021	301 - 307
MB-NI-0206	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	22 Sep 2021	450 - 475	-1.07%	Sep 2021	450 - 480
MB-NI-0158	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	01 Sep 2021	315 - 316	-7.21%	Sep 2021	315 - 316
MB-NI-0207	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Detroit, US cents/lb	22 Sep 2021	300 - 360	-2.94%	Sep 2021	300 - 370
MB-NI-0159	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Detroit, US cents/lb	01 Sep 2021	210 - 238	-4.27%	Sep 2021	210 - 238
MB-NI-0215	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	22 Sep 2021	38 - 50	-4.35%	Sep 2021	39 - 51

**Houston nickel scrap prices**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
--------	-------------	------	-------	-----	-------	-----------------

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0222	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	22 Sep 2021	104 - 115	-1.79%	Sep 2021	106 - 115
MB-NI-0178	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Sep 2021	374 - 375	-5.07%	Sep 2021	374 - 375
MB-NI-0175	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Sep 2021	120 - 135	-1.54%	Sep 2021	120 - 135
MB-NI-0227	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	22 Sep 2021	44 - 45	0.00%	Sep 2021	44 - 45
MB-NI-0174	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Sep 2021	74 - 76	7.91%	Sep 2021	74 - 76
MB-NI-0224	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	22 Sep 2021	267 - 296	-2.09%	Sep 2021	273 - 296
MB-NI-0221	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Houston, US cents/lb	22 Sep 2021	618 - 619	7.66%	Sep 2021	596 - 597
MB-NI-0179	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Sep 2021	21 - 22	0.00%	Sep 2021	21 - 22
MB-NI-0226	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Houston, US cents/lb	22 Sep 2021	505 - 506	0.00%	Sep 2021	505 - 506
MB-NI-0223	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	22 Sep 2021	162 - 182	-1.99%	Sep 2021	165.5 - 182
MB-NI-0176	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Sep 2021	200 - 235	9.02%	Sep 2021	200 - 235
MB-NI-0173	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Sep 2021	394 - 395	-1.25%	Sep 2021	394 - 395
MB-NI-0225	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Houston, US cents/lb	22 Sep 2021	276 - 277	-0.54%	Sep 2021	276.5 - 278
MB-NI-0177	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	01 Sep 2021	200 - 230	7.77%	Sep 2021	200 - 230
MB-NI-0217	Nickel scrap nickel turnings, broker buying price, delivered to yard Houston, US cents/lb	22 Sep 2021	579 - 580	0.00%	Sep 2021	579 - 580
MB-NI-0169	Nickel scrap nickel turnings, dealer buying price, delivered to yard Houston, US cents/lb	01 Sep 2021	409 - 410	-12.41%	Sep 2021	409 - 410
MB-NI-0216	Nickel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	22 Sep 2021	689 - 690	0.00%	Sep 2021	689 - 690
MB-NI-0168	Nickel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	01 Sep 2021	514 - 515	-11.67%	Sep 2021	514 - 515
MB-NI-0220	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Houston, US cents/lb	22 Sep 2021	537 - 540	-1.46%	Sep 2021	537 - 548
MB-NI-0172	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	01 Sep 2021	385 - 390	3.47%	Sep 2021	385 - 390
MB-NI-0218	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Houston, US cents/lb	22 Sep 2021	555 - 563	-1.41%	Sep 2021	559 - 567
MB-NI-0170	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	01 Sep 2021	400 - 415	-4.00%	Sep 2021	400 - 415
MB-NI-0219	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Houston, US cents/lb	22 Sep 2021	350 - 450	0.00%	Sep 2021	350 - 450
MB-NI-0171	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Houston, US cents/lb	01 Sep 2021	250 - 330	-12.12%	Sep 2021	250 - 330

**Pittsburgh nickel scrap prices**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
--------	-------------	------	-------	-----	-------	-----------------

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0238	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	22 Sep 2021	450 - 500	-0.11%	Sep 2021	450 - 500.5
MB-NI-0235	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	22 Sep 2021	175 - 190	0.00%	Sep 2021	177.5 - 187.5
MB-NI-0188	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Sep 2021	125 - 200	0.00%	Sep 2021	125 - 200
MB-NI-0185	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Sep 2021	375 - 475	3.03%	Sep 2021	375 - 475
MB-NI-0191	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Sep 2021	22 - 33	1.85%	Sep 2021	22 - 33
MB-NI-0187	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Sep 2021	75 - 130	0.00%	Sep 2021	75 - 130
MB-NI-0234	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	22 Sep 2021	115 - 130	2.08%	Sep 2021	115 - 127.5
MB-NI-0239	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	22 Sep 2021	38 - 48	7.50%	Sep 2021	36.5 - 46.5
MB-NI-0236	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	22 Sep 2021	275 - 295	0.00%	Sep 2021	275 - 295
MB-NI-0233	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	22 Sep 2021	530 - 585	-3.13%	Sep 2021	540 - 593
MB-NI-0190	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Sep 2021	245 - 450	18.80%	Sep 2021	245 - 450
MB-NI-0186	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Sep 2021	65 - 86	-2.58%	Sep 2021	65 - 86
MB-NI-0237	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	22 Sep 2021	275 - 295	1.79%	Sep 2021	270 - 295
MB-NI-0189	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Sep 2021	150 - 200	0.00%	Sep 2021	150 - 200
MB-NI-0229	Nickel scrap nickel turnings, broker buying price, delivered to yard Pittsburgh, US cents/lb	22 Sep 2021	725 - 800	1.67%	Sep 2021	712.5 - 800
MB-NI-0181	Nickel scrap nickel turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Sep 2021	400 - 600	0.00%	Sep 2021	400 - 600
MB-NI-0228	Nickel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	22 Sep 2021	750 - 825	0.64%	Sep 2021	745 - 825
MB-NI-0180	Nickel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Sep 2021	508 - 625	-0.18%	Sep 2021	508 - 625
MB-NI-0232	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	22 Sep 2021	380 - 450	-2.35%	Sep 2021	377.5 - 462.5
MB-NI-0184	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Sep 2021	301 - 369	3.08%	Sep 2021	301 - 369
MB-NI-0230	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	22 Sep 2021	390 - 480	-6.45%	Sep 2021	410 - 490
MB-NI-0182	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Sep 2021	315 - 375	-3.50%	Sep 2021	315 - 375
MB-NI-0231	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Pittsburgh, US cents/lb	22 Sep 2021	300 - 350	0.00%	Sep 2021	300 - 350
MB-NI-0183	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	01 Sep 2021	210 - 260	-3.09%	Sep 2021	210 - 260

**Lead scrap prices**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0004	Lead scrap buying price, delivered smelters US, \$/cwt	21 Sep 2021	80 - 85	0.00%	Sep 2021	80 - 85
MB-PB-0003	Lead scrap remelt buying price, delivered smelters US, \$/cwt	21 Sep 2021	87 - 90	0.00%	Sep 2021	87 - 90
MB-PB-0002	Lead scrap cable buying price, delivered smelters US, \$/cwt	21 Sep 2021	86 - 90	0.00%	Sep 2021	86 - 90
MB-PB-0111	Lead scrap heavy soft lead, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	45	0.00%	Sep 2021	44
MB-PB-0112	Lead scrap undrained whole batteries, dealer buying price, delivered to yard US, US cents/lb	01 Oct 2021	19	0.00%	Sep 2021	19
MB-PB-0005	Lead scrap whole batteries buying price, delivered smelters US, \$/cwt	21 Sep 2021	29 - 32	-3.17%	Sep 2021	29.5 - 32.5
MB-PB-0009	Lead scrap heavy soft lead, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	50	0.00%	Sep 2021	50
MB-PB-0010	Lead scrap heavy soft lead, dealer buying price, delivered to yard Toronto, Canadian cents/lb	01 Oct 2021	72	-2.70%	Sep 2021	74
MB-PB-0033	Lead scrap undrained whole batteries, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	18	0.00%	Sep 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 Oct 2021	30	0.00%	Sep 2021	34
MB-ZN-0004	Zinc scrap old zinc (clean), buying price, delivered smelters US, US cents/lb	21 Sep 2021	65 - 68	0.00%	Sep 2021	65 - 68
MB-ZN-0003	Zinc scrap new zinc clippings buying price, delivered smelters US, US cents/lb	21 Sep 2021	84 - 87	0.00%	Sep 2021	84 - 87
MB-ZN-0002	Zinc scrap galvanizers dross buying price, delivered smelters US, US cents/lb	21 Sep 2021	85 - 88	6.14%	Sep 2021	82.5 - 85.5
MB-ZN-0050	Zinc scrap old zinc, dealer buying price, delivered to yard Montreal, Canadian cents/lb	01 Oct 2021	30	0.00%	Sep 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	29 Sep 2021	1.8 - 1.9	0.00%	Sep 2021	1.8 - 1.9
MB-TI-0001	Titanium scrap turnings, unprocessed type 90/6/4, 0.5% Sn max, cif Europe, \$/lb	29 Sep 2021	1.8 - 2	0.00%	Sep 2021	1.8 - 2

## Ores and alloys prices

Source: [dashboard.fastmarkets.com/m/6c3ef6d0-3976-4705-9af1-f3423ca64ee1](https://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	28 Sep 2021	290 - 310	0.00%	Sep 2021	290 - 310
MB-CHO-0003	Chrome ore South Africa UG2 concentrates index basis 42%, cif China, \$/tonne	28 Sep 2021	164	0.00%	Sep 2021	164.25
MB-FEC-0001	Ferro-chrome low phosphorous, min 65% Cr, max 0.015% P, delivered Europe, \$/lb	28 Sep 2021	1.67 - 1.84	2.92%	Sep 2021	1.65 - 1.82
MB-FEC-0002	Ferro-chrome low carbon, 65% Cr, max 0.06% C, delivered Europe, \$/lb Cr	28 Sep 2021	2.94 - 3.22	3.36%	Sep 2021	2.88 - 3.18
MB-FEC-0003	Ferro-chrome 0.10% C, average 65-70% Cr, delivered Europe, \$/lb Cr	28 Sep 2021	2.9 - 3.18	3.40%	Sep 2021	2.84 - 3.14
MB-FEC-0004	Ferro-chrome high carbon 6-8.5% C, basis 60-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	28 Sep 2021	1.6 - 1.77	3.05%	Sep 2021	1.54 - 1.75
MB-FEC-0005	Ferro-chrome contract 6-8% C, basis 50% Cr, ddp China, yuan/tonne	28 Sep 2021	9745 - 9995	0.00%	Sep 2021	9745 - 9995
MB-FEC-0006	Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	28 Sep 2021	11100 - 11500	11.33%	Sep 2021	10225 - 10575
MB-FEC-0007	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, US cents/lb	30 Sep 2021	168 - 176	0.00%	Sep 2021	168 - 176
MB-FEC-0008	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, US cents/lb	30 Sep 2021	320 - 325	6.61%	Sep 2021	304 - 309
MB-FEC-0009	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, US cents/lb	30 Sep 2021	310 - 315	6.84%	Sep 2021	294 - 299
MB-FEC-0010	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, US cents/lb	30 Sep 2021	300 - 305	5.22%	Sep 2021	286 - 291
MB-FEC-0011	Ferro-chrome 50% Cr import, cif main Chinese ports, \$/lb contained Cr	28 Sep 2021	1.31	3.15%	Sep 2021	1.26
MB-FEC-0012	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, \$/lb	30 Sep 2021	1.68 - 1.76	0.00%	Sep 2021	
MB-FEC-0013	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, \$/lb	30 Sep 2021	3.2 - 3.25	6.60%	Sep 2021	
MB-FEC-0014	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, \$/lb	30 Sep 2021	3.1 - 3.15	6.83%	Sep 2021	
MB-FEC-0015	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, \$/lb	30 Sep 2021	3 - 3.05	5.21%	Sep 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%	Sep 2021	1.56
MB-FEC-0017	Ferro-chrome high carbon 57-65% Cr, cif dup Japan, \$/lb	23 Sep 2021	1.22 - 1.25	0.00%	Sep 2021	1.22 - 1.25
MB-FEC-0018	Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, \$/lb	23 Sep 2021	1.21 - 1.24	0.00%	Sep 2021	1.21 - 1.24
MB-FEC-0019	Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, \$/lb	28 Sep 2021	1.84	0.55%	Sep 2021	1.83
MB-FEC-0020	Ferro-chrome high carbon 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, \$/lb Cr	28 Sep 2021	1.37 - 1.45	0.71%	Sep 2021	1.36 - 1.46
MB-FEC-0021	Ferro-chrome high carbon 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	28 Sep 2021	1.6 - 1.77	3.05%	Sep 2021	1.54 - 1.75

### Manganese ore and alloy prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
--------	-------------	------	-------	-----	-------	-----------------

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEM-0001	Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, \$/long ton	30 Sep 2021	2450 - 2500	0.00%	Sep 2021	2450 - 2500
MB-FEM-0002	Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	30 Sep 2021	235 - 240	0.00%	Sep 2021	219.8 - 228
MB-FEM-0004	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, \$/lb	30 Sep 2021	1.95 - 2	0.00%	Sep 2021	
MB-FEM-0006	Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	01 Oct 2021	1650 - 1725	2.27%	Sep 2021	1575 - 1675
MB-FEM-0007	Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	01 Oct 2021	11000 - 12000	0.00%	Sep 2021	8875 - 9275
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, \$/dmtu	01 Oct 2021	5.4	3.45%	Sep 2021	5.2
MB-MNO-0002	Manganese ore 37% Mn, fob Port Elizabeth, \$/dmtu	01 Oct 2021	2.93	1.74%	Sep 2021	2.89
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, \$/dmtu	01 Oct 2021	4.59	0.66%	Sep 2021	4.52
MB-MNO-0004	Manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin China, yuan/dmtu	01 Oct 2021	34.6	0.58%	Sep 2021	34.3
MB-MNO-0005	Manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin China, yuan/dmtu	01 Oct 2021	41.3	2.23%	Sep 2021	40.08
MB-SIM-0001	Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	01 Oct 2021	10000 - 11000	0.00%	Sep 2021	8875 - 9300
MB-SIM-0002	Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	01 Oct 2021	1600 - 1650	0.00%	Sep 2021	1585 - 1635
MB-SIM-0004	Silico-manganese 65% Mn min, min 16% Si, fob India, \$/tonne	01 Oct 2021	1500 - 1550	7.77%	Sep 2021	1410 - 1440
MB-SIM-0005	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, \$/lb	30 Sep 2021	1.18 - 1.2	2.59%	Sep 2021	

### Ferro-silicon prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FES-0001	Ferro-silicon 75% Si min, in-whs China, yuan/tonne	29 Sep 2021	22000 - 23000	18.42%	Sep 2021	14660 - 15500
MB-FES-0002	Ferro-silicon 75% Si, in-whs Pittsburgh, US cents/lb	30 Sep 2021	250 - 275	15.38%	Sep 2021	215 - 224.4
MB-FES-0003	Ferro-silicon 75% Si, in-whs Pittsburgh, \$/lb	30 Sep 2021	2.5 - 2.75	15.35%	Sep 2021	
MB-FES-0004	Ferro-silicon 75% Si min export, fob China, \$/tonne	29 Sep 2021	4450 - 4550	20.00%	Sep 2021	2964 - 3090
MB-FES-0005	Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	01 Oct 2021	2900 - 3100	27.66%	Sep 2021	2072.5 - 2250
MB-FES-0006	Ferro-silicon 75% Si min, cif Japan, \$/tonne	29 Sep 2021	4450 - 4550	19.05%	Sep 2021	2990 - 3126

### Tungsten prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEU-0001	Ferro-tungsten basis 75% W, in-whs dup Rotterdam, \$/kg W	01 Oct 2021	37 - 38.5	0.00%	Sep 2021	38.89 - 40.44
MB-FEU-0003	Ferro-tungsten export, min 75% fob China, \$/kg W	29 Sep 2021	39 - 40.7	-0.50%	Sep 2021	39.32 - 40.28
MB-W-0001	Tungsten APT 88.5% WO3 min cif Rotterdam and Baltimore duty-free, \$/mtu WO3	01 Oct 2021	315 - 320	0.79%	Sep 2021	311 - 316.5
MB-W-0002	Tungsten concentrate 65% WO3, in-whs China, yuan/tonne	29 Sep 2021	110000 - 112000	0.45%	Sep 2021	110400 - 111600
MB-W-0003	Tungsten APT 88.5% WO3 min, fob main ports China, \$/mtu WO3	29 Sep 2021	305 - 313	1.48%	Sep 2021	303.2 - 308.8

### Vanadium & niobium prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEV-0003	Ferro-vanadium 78% V min, fob China, \$/kg V	30 Sep 2021	27.74 - 28.54	-7.19%	Sep 2021	31.61 - 32.21
MB-FEV-0001	Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, \$/kg V	01 Oct 2021	30.5 - 32	-0.79%	Sep 2021	34 - 35.89
MB-FEV-0002	Ferro-vanadium 70-80% V, in-whs Pittsburgh, \$/lb	30 Sep 2021	15.5 - 16	0.00%	Sep 2021	16.26 - 16.7
MB-V-0001	Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5	01 Oct 2021	7.3 - 8.5	-10.02%	Sep 2021	8.65 - 9.45
MB-V-0002	Vanadium pentoxide 98% V2O5 min, fob China, \$/lb V2O5	30 Sep 2021	6.38 - 6.45	-8.94%	Sep 2021	7.4 - 7.51
MB-V-0004	Vanadium pentoxide 98% V2O5 min, exw China, yuan/tonne	30 Sep 2021	91000 - 92000	-8.96%	Sep 2021	105400 - 107000
MB-V-0003	Vanadium nitrogen, basis 77%V, 16% N, exw China, yuan/tonne	30 Sep 2021	138000 - 142000	-7.28%	Sep 2021	157200 - 160200
MB-FN-0001	Ferro-niobium 63-67% delivered consumer works, dp, Europe \$ per kg Nb	29 Sep 2021	45 - 47	-1.08%	Sep 2021	45 - 47.8

### 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	27 Sep 2021	(600) - (400)		Sep 2021	(600) - (400)
MB-FET-0001	Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, \$/kg Ti	29 Sep 2021	7.7 - 8.1	0.00%	Sep 2021	7.7 - 8.1
MB-FET-0002	Ferro-titanium 68-72% Ti, ex-whs US, \$/lb	30 Sep 2021	3.6 - 3.7	0.00%	Sep 2021	3.56 - 3.7

### Molybdenum prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEO-0001	Ferro-molybdenum 65% Mo min, in-whs Rotterdam, \$/kg Mo	01 Oct 2021	42.5 - 44.5	0.00%	Sep 2021	44.48 - 45.56
MB-FEO-0002	Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, \$/lb	30 Sep 2021	20.5 - 22	-3.98%	Sep 2021	21.3 - 22.11
MB-FEO-0003	Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, \$/lb Mo	01 Oct 2021	19.3 - 19.7	0.00%	Sep 2021	20.12 - 20.32
MB-FEO-0004	Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, \$/lb	01 Oct 2021	17.5 - 18	-0.28%	Sep 2021	18.91 - 19.19
MB-MO-0001	Molybdenum canned molybdic oxide, in-whs Pittsburgh, \$/lb	30 Sep 2021	18 - 19	-5.13%	Sep 2021	19.23 - 20.14

## Steel prices

Source: [dashboard.fastmarkets.com/m/2089d493-5d4f-446e-9c96-317d1b54c262](https://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	01 Oct 2021	1043.75	0.12%	Sep 2021	1089.45
MB-STE-0046	Steel hot-rolled coil import, cfr main port Northern Europe, €/tonne	29 Sep 2021	895 - 930	-2.41%	Sep 2021	925 - 950
MB-STE-0047	Steel hot-rolled coil import, cfr main port Southern Europe, €/tonne	29 Sep 2021	800 - 835	-1.51%	Sep 2021	821 - 868
MB-STE-0532	Steel hot-rolled coil domestic, exw Central Europe, €/tonne	29 Sep 2021	980 - 1020	-0.50%	Sep 2021	1018 - 1052
MB-STE-0892	Steel hot-rolled coil index domestic, exw Italy, €/tonne	01 Oct 2021	955	-0.26%	Sep 2021	994.89
MB-STE-0893	Steel hot-rolled coil domestic, exw Spain, €/tonne	29 Sep 2021	1050 - 1100	0.00%	Sep 2021	1080 - 1114
MB-STE-0107	Steel hot-rolled coil export, fob main port Turkey, \$/tonne	01 Oct 2021	880 - 900	-1.66%	Sep 2021	915 - 952.5
MB-STE-0105	Steel hot-rolled coil import, cfr main port Turkey, \$/tonne	01 Oct 2021	850 - 860	-1.44%	Sep 2021	878.75 - 902.5
MB-STE-0108	Steel hot-rolled coil domestic, exw Turkey, \$/tonne	01 Oct 2021	880 - 900	-1.66%	Sep 2021	915 - 947.5
MB-STE-0014	Steel hot-rolled coil export, fob Black Sea, CIS, \$/tonne	27 Sep 2021	830 - 855	-1.17%	Sep 2021	846.25 - 868.75
MB-STE-0065	Steel hot-rolled sheet domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	27 Sep 2021	67000	-4.29%	Sep 2021	73000
MB-STE-0468	Steel hot-rolled coil index, fob mill US, \$/short ton	01 Oct 2021	1955.8	-0.30%	Sep 2021	
MB-STE-0184	Steel hot-rolled coil index, fob mill US, \$/cwt	01 Oct 2021	97.79	-0.30%	Sep 2021	97.46
MB-STE-0180	Steel hot-rolled coil, import, ddp Houston, \$/short ton	29 Sep 2021	1470 - 1530	-1.96%	Sep 2021	1490 - 1550
MB-STE-0007	Steel hot-rolled coil domestic monthly, exw Brazil, reais/tonne	10 Sep 2021	7500 - 7800	0.00%	Sep 2021	7500 - 7800
MB-STE-0133	Steel hot-rolled coil (dry) export, fob main port Latin America, \$/tonne	01 Oct 2021	960 - 1020	-4.35%	Sep 2021	1038.75 - 1055
MB-STE-0102	Steel hot-rolled coil import, cfr main ports South America, \$/tonne	01 Oct 2021	1040 - 1110	0.00%	Sep 2021	1027.5 - 1108.75
MB-STE-0444	Steel hot-rolled coil import, cfr main port India, \$/tonne	01 Oct 2021	740 - 745	0.00%	Sep 2021	740 - 745
MB-STE-0445	Steel hot-rolled coil (CR grade) import, cfr main port India, \$/tonne	01 Oct 2021	745 - 750	0.00%	Sep 2021	745 - 750
MB-STE-0442	Steel hot-rolled coil (commodity) export, fob main port India, \$/tonne	01 Oct 2021	835 - 870	1.19%	Sep 2021	845 - 865
MB-STE-0436	Steel hot-rolled coil domestic, ex-whse India, rupees/tonne	01 Oct 2021	65500 - 66500	0.00%	Sep 2021	65500 - 66500
MB-STE-0158	Steel hot-rolled coil domestic, exw Northern China, yuan/tonne	30 Sep 2021	5720 - 5740	0.44%	Sep 2021	5718 - 5760
MB-STE-0144	Steel hot-rolled coil index export, fob main port China, \$/tonne	30 Sep 2021	910.47	0.05%	Sep 2021	922.15
MB-STE-0154	Steel hot-rolled coil domestic, ex-whs Eastern China, yuan/tonne	30 Sep 2021	5740 - 5770	0.00%	Sep 2021	5746.5 - 5797.5
MB-STE-0139	Steel hot-rolled coil import, cfr Vietnam, \$/tonne	01 Oct 2021	880 - 890	0.00%	Sep 2021	885 - 897.5
MB-STE-0888	Steel hot-rolled coil (Japan, Korea, Taiwan-origin), import, cfr Vietnam, \$/tonne	01 Oct 2021	940	0.00%	Sep 2021	930 - 932.5
MB-STE-0125	Steel hot-rolled coil import, cfr Jebel Ali, UAE, \$/tonne	28 Sep 2021	910 - 920	-1.08%	Sep 2021	932.5 - 947.5
MB-STE-0113	Steel hot-rolled coil import, cfr Saudi Arabia, \$/tonne	28 Sep 2021	930 - 950	0.00%	Sep 2021	940 - 972.5

### Cold-rolled steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0005	Steel cold-rolled coil domestic monthly, exw Brazil, reais/tonne	10 Sep 2021	8510 - 8620	0.00%	Sep 2021	8510 - 8620

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0012	Steel cold-rolled coil export, fob Black Sea, CIS, \$/tonne	27 Sep 2021	950 - 965	-0.78%	Sep 2021	963.75 - 972.5
MB-STE-0026	Steel cold-rolled coil domestic, exw Northern Europe, €/tonne	29 Sep 2021	1250 - 1260	-0.79%	Sep 2021	1268 - 1288
MB-STE-0027	Steel cold-rolled coil domestic, exw Southern Europe, €/tonne	29 Sep 2021	1200 - 1230	0.00%	Sep 2021	1212 - 1246
MB-STE-0044	Steel cold-rolled coil import, cfr main port Northern Europe, €/tonne	29 Sep 2021	950 - 960	-9.69%	Sep 2021	1053 - 1063
MB-STE-0045	Steel cold-rolled coil import, cfr main port Southern Europe, €/tonne	29 Sep 2021	900 - 950	-10.84%	Sep 2021	1020 - 1050
MB-STE-0064	Steel cold-rolled sheet domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	27 Sep 2021	79000	-3.66%	Sep 2021	84250 - 84500
MB-STE-0103	Steel cold-rolled coil import, cfr main ports South America, \$/tonne	01 Oct 2021	1135 - 1180	0.00%	Sep 2021	1135 - 1170
MB-STE-0106	Steel cold-rolled coil import, cfr main port Turkey, \$/tonne	01 Oct 2021	990 - 1000	0.00%	Sep 2021	997.5 - 1005
MB-STE-0109	Steel cold-rolled coil domestic, exw Turkey, \$/tonne	01 Oct 2021	990 - 1020	-6.51%	Sep 2021	1080 - 1097.5
MB-STE-0124	Steel cold-rolled coil import, cfr Jebel Ali, UAE, \$/tonne	28 Sep 2021	1000 - 1010	0.00%	Sep 2021	1015 - 1027.5
MB-STE-0132	Steel cold-rolled coil export, fob main port Latin America, \$/tonne	01 Oct 2021	1050 - 1080	-2.52%	Sep 2021	1176.25 - 1245
MB-STE-0145	Steel cold-rolled coil export, fob China main port, \$/tonne	28 Sep 2021	1000 - 1020	-0.74%	Sep 2021	1012.5 - 1027.5
MB-STE-0153	Steel cold-rolled coil domestic, delivered Eastern China domestic, yuan/tonne	30 Sep 2021	6450 - 6500	0.54%	Sep 2021	6436 - 6488
MB-STE-0181	Steel cold-rolled coil, import, ddp Houston, \$/short ton	29 Sep 2021	1580 - 1600	-3.05%	Sep 2021	1600 - 1640
MB-STE-0185	Steel cold-rolled coil, fob mill US, \$/cwt	30 Sep 2021	110	0.00%	Sep 2021	109.1
MB-STE-0435	Steel cold-rolled coil domestic, ex-whse India, rupees/tonne	01 Oct 2021	75500 - 77000	0.00%	Sep 2021	76625 - 78250
MB-STE-0443	Steel cold-rolled coil import, cfr main port India, \$/tonne	01 Oct 2021	960 - 970	0.00%	Sep 2021	960 - 970
MB-STE-0469	Steel cold-rolled coil, fob mill US, \$/short ton	30 Sep 2021	2200	0.00%	Sep 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	30 Sep 2021	109.5	0.00%	Sep 2021	109.1
MB-STE-0780	Steel hot-dipped galvanized export, fob Turkey, \$/tonne	01 Oct 2021	1150 - 1160	-2.94%	Sep 2021	1205 - 1222.5
MB-STE-0434	Steel hot-dipped galvanized coil domestic, ex-whse India, rupees/tonne	01 Oct 2021	80500 - 81500	0.00%	Sep 2021	81625 - 82625
MB-STE-0470	Steel hot-dipped galvanized (base) steel coil, fob mill US, \$/short ton	30 Sep 2021	2200	0.00%	Sep 2021	
MB-STE-0031	Steel hot-dipped galvanized coil domestic, exw Southern Europe, €/tonne	29 Sep 2021	1200 - 1240	-0.81%	Sep 2021	1228 - 1260
MB-STE-0104	Steel hot-dipped galvanized coil import, cfr main ports South America, \$/tonne	01 Oct 2021	1220 - 1250	0.00%	Sep 2021	1212.5 - 1247.5
MB-STE-0091	Steel hot-dipped galvanized coil import, cfr main port Northern Europe, €/tonne	29 Sep 2021	1110 - 1160	0.00%	Sep 2021	1128 - 1178
MB-STE-0021	Steel hot-dipped galvanized coil domestic, ex-whs Eastern China, yuan/tonne	30 Sep 2021	6750 - 6810	0.37%	Sep 2021	6764 - 6802
MB-STE-0110	Steel hot-dipped galvanized coil domestic, exw Turkey, \$/tonne	01 Oct 2021	1150 - 1160	-2.12%	Sep 2021	1200 - 1225
MB-STE-0048	Steel hot-dipped galvanized coil import, cfr main port Southern Europe, €/tonne	29 Sep 2021	1030 - 1150	-1.80%	Sep 2021	1082 - 1154
MB-STE-0030	Steel hot-dipped galvanized coil domestic, exw Northern Europe, €/tonne	29 Sep 2021	1250 - 1270	-0.79%	Sep 2021	1276 - 1308
MB-STE-0123	Steel hot-dipped-galvanized coil import, cfr Jebel Ali, UAE, \$/tonne	28 Sep 2021	1125 - 1240	-1.87%	Sep 2021	1173.75 - 1260
MB-STE-0186	Steel hot-dipped galvanized coil (cold-rolled base), fob mill US, \$/cwt	30 Sep 2021	110	0.00%	Sep 2021	109.6

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0006	Steel hot-dipped galvanized coil domestic monthly, exw Brazil, reais/tonne	10 Sep 2021	9560 - 10190	0.00%	Sep 2021	9560 - 10190
MB-STE-0441	Steel hot-dipped galvanized coil export, fob main port India, \$/tonne	01 Oct 2021	1200 - 1220	-1.63%	Sep 2021	1212.5 - 1235
MB-STE-0182	Steel hot-dipped galvanized 0.012 inch G30, ddp Houston, \$/short ton	29 Sep 2021	1760 - 1820	-2.72%	Sep 2021	1820 - 1886.67
MB-STE-0212	Steel hot-dipped galvanized coil 0.03-0.13 inch G90 (cold-rolled base), fob mill US, \$/cwt	30 Sep 2021	114.75	0.00%	Sep 2021	114.35
MB-STE-0009	Steel galvanized coil 1mm export, fob main port China, \$/tonne	28 Sep 2021	1050 - 1065	-0.70%	Sep 2021	1052.5 - 1071.25
MB-STE-0111	Steel prepainted galvanized domestic, exw Turkey, \$/tonne	01 Oct 2021	1250 - 1260	-0.79%	Sep 2021	1280 - 1292.5
MB-STE-0187	Steel coil Galvalume, fob mill US, \$/cwt	21 Sep 2021	106	3.92%	Sep 2021	106
MB-STE-0850	Steel coil Galvalume import, cfr main ports South America, \$/tonne	01 Oct 2021	1330 - 1370	0.00%	Sep 2021	1297.5 - 1340

### Steel plate prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0013	Steel heavy plate 8-50mm export, fob Black Sea, CIS, \$/tonne	27 Sep 2021	950 - 965	-0.78%	Sep 2021	963.75 - 985
MB-STE-0034	Steel domestic plate 8-40mm, exw Northern Europe, €/tonne	29 Sep 2021	950 - 980	-1.53%	Sep 2021	980 - 1012
MB-STE-0035	Steel domestic plate 8-40mm, exw Southern Europe, €/tonne	29 Sep 2021	870 - 880	-1.69%	Sep 2021	894 - 914
MB-STE-0049	Steel plate (8-40mm) import, cfr main port Northern Europe, €/tonne	29 Sep 2021	840 - 850	0.00%	Sep 2021	850 - 864
MB-STE-0050	Steel plate (8-40mm) import, cfr main port Southern Europe, €/tonne	29 Sep 2021	840 - 850	0.00%	Sep 2021	850 - 864
MB-STE-0101	Steel plate import, cfr main ports South America, \$/tonne	01 Oct 2021	1070 - 1090	0.00%	Sep 2021	1050 - 1085
MB-STE-0134	Steel heavy plate (thicker than 10mm) export, fob main port Latin America, \$/tonne	01 Oct 2021	990 - 1010	-2.44%	Sep 2021	1000 - 1050
MB-STE-0146	Steel heavy plate export, fob China main port, \$/tonne	28 Sep 2021	895 - 910	-1.37%	Sep 2021	903.75 - 916.25
MB-STE-0155	Steel plate domestic, delivered whs Eastern China, yuan/tonne	30 Sep 2021	5650 - 5710	0.62%	Sep 2021	5620 - 5672
MB-STE-0172	Steel cut-to-length plate carbon grade, fob mill US, \$/cwt	01 Oct 2021	89	1.14%	Sep 2021	87.25
MB-STE-0179	Steel medium plate, import, ddp Houston, \$/short ton	29 Sep 2021	1600 - 1670	0.00%	Sep 2021	1536.67 - 1593.33
MB-STE-0437	Steel heavy plate domestic, ex-whse India, rupees/tonne	01 Oct 2021	61500 - 65000	0.00%	Sep 2021	61250 - 65000
MB-STE-0439	Steel heavy plate 12-40mm export, fob main port India, \$/tonne	01 Oct 2021	875 - 880	0.00%	Sep 2021	873.75 - 880
MB-STE-0446	Steel heavy plate 10-40mm import, cfr main port India, \$/tonne	01 Oct 2021	730 - 735	0.00%	Sep 2021	730 - 735
MB-STE-0467	Steel cut-to-length plate carbon grade, fob mill US, \$/short ton	01 Oct 2021	1780	1.14%	Sep 2021	
MB-STE-0514	Steel plate domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	27 Sep 2021	67000 - 70000	-5.52%	Sep 2021	73000 - 77500

### Reinforcing bar (rebar) prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0008	Steel reinforcing bar (rebar) domestic monthly, delivered Brazil, reais/tonne	10 Sep 2021	5100 - 5310	0.00%	Sep 2021	5100 - 5310
MB-STE-0015	Steel reinforcing bar (rebar) export, fob Black Sea, CIS, \$/tonne	27 Sep 2021	690 - 700	-1.42%	Sep 2021	698.75 - 710
MB-STE-0036	Steel reinforcing bar (rebar) domestic, delivered Northern Europe, €/tonne	29 Sep 2021	820 - 840	-3.49%	Sep 2021	858 - 880
MB-STE-0037	Steel reinforcing bar (rebar) domestic, delivered Southern Europe, €/tonne	29 Sep 2021	725 - 740	-2.33%	Sep 2021	744 - 775
MB-STE-0051	Steel reinforcing bar (rebar) import, cfr main EU port Northern Europe, €/tonne	29 Sep 2021	720 - 750	-1.34%	Sep 2021	724 - 780

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0052	Steel reinforcing bar (rebar) import, cfr main EU port Southern Europe, €/tonne	29 Sep 2021	665 - 700	-1.09%	Sep 2021	685 - 708
MB-STE-0066	Steel reinforcing bar (rebar) domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	27 Sep 2021	55000 - 56000	0.91%	Sep 2021	55750 - 57000
MB-STE-0073	Steel reinforcing bar (rebar) export, fob main port Southern Europe, €/tonne	29 Sep 2021	670 - 720	-6.71%	Sep 2021	733 - 758
MB-STE-0092	Steel reinforcing bar (rebar) domestic, exw Poland, zloty/tonne	01 Oct 2021	3700 - 3800	-1.96%	Sep 2021	3925 - 4000
MB-STE-0112	Steel reinforcing bar (rebar) domestic, exw Egypt, E£/tonne	30 Sep 2021	14300 - 14600	0.00%	Sep 2021	14300 - 14600
MB-STE-0119	Steel reinforcing bar (rebar) export, fob main port Turkey, \$/tonne	30 Sep 2021	650 - 660	-1.50%	Sep 2021	659 - 668
MB-STE-0126	Steel reinforcing bar (rebar) domestic, exw UAE, dirhams/tonne	28 Sep 2021	2400 - 2510	0.00%	Sep 2021	2407.5 - 2510
MB-STE-0127	Steel reinforcing bar (rebar) import, cfr Jebel Ali, UAE, \$/tonne	28 Sep 2021	640 - 648	-2.05%	Sep 2021	655.5 - 664.75
MB-STE-0142	Steel reinforcing bar (rebar) import, cfr Singapore, \$/tonne	27 Sep 2021	728 - 730	-0.82%	Sep 2021	725.75 - 726.25
MB-STE-0147	Steel reinforcing bar (rebar) index export, fob China main port, \$/tonne	28 Sep 2021	925.42	0.00%	Sep 2021	916.05
MB-STE-0152	Steel reinforcing bar (rebar) domestic, ex-whs Eastern China, yuan/tonne	30 Sep 2021	5900 - 5930	1.11%	Sep 2021	5539 - 5577
MB-STE-0162	Steel reinforcing bar (rebar) domestic, ex-whs Northern China, yuan/tonne	30 Sep 2021	5700 - 5740	4.00%	Sep 2021	5374 - 5410
MB-STE-0170	Steel reinforcing bar (rebar), fob mill US, \$/cwt	29 Sep 2021	49.25	0.00%	Sep 2021	49.25
MB-STE-0171	Steel reinforcing bar (rebar), import, loaded truck Port of Houston for immediate delivery, \$/short ton	29 Sep 2021	940 - 960	0.00%	Sep 2021	942 - 964
MB-STE-0438	Steel rebar domestic, exw India, rupees/tonne	01 Oct 2021	51200 - 51400	8.00%	Sep 2021	46700 - 46900
MB-STE-0465	Steel reinforcing bar (rebar), fob mill US, \$/short ton	29 Sep 2021	985	0.00%	Sep 2021	
MB-STE-0784	Steel reinforcing bar (rebar) domestic, exw Turkey, lira/tonne	30 Sep 2021	6900 - 7000	3.15%	Sep 2021	6625 - 6727

### Wire rod prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0017	Steel wire rod (mesh quality) export, fob Black Sea, CIS, \$/tonne	27 Sep 2021	760 - 790	-2.52%	Sep 2021	775 - 810
MB-STE-0042	Steel wire rod (mesh quality) domestic, delivered Northern Europe, €/tonne	29 Sep 2021	840 - 850	-2.87%	Sep 2021	870 - 892
MB-STE-0043	Steel wire rod (mesh quality) domestic, delivered Southern Europe, €/tonne	29 Sep 2021	760 - 800	-4.29%	Sep 2021	802 - 834
MB-STE-0053	Steel wire rod (mesh quality) import, main port Northern Europe, €/tonne	29 Sep 2021	740 - 790	-1.29%	Sep 2021	752 - 810
MB-STE-0054	Steel wire rod (mesh quality) import, main port Southern Europe, €/tonne	29 Sep 2021	720 - 750	-2.00%	Sep 2021	736 - 758
MB-STE-0074	Steel wire rod export, fob main port Southern Europe, €/tonne	29 Sep 2021	750 - 780	-2.55%	Sep 2021	784 - 804
MB-STE-0120	Steel wire rod (mesh quality) export, fob main port Turkey, \$/tonne	30 Sep 2021	750 - 780	-1.29%	Sep 2021	766 - 780
MB-STE-0130	Steel wire rod (mesh quality) export, fob main port Latin America, \$/tonne	01 Oct 2021	800 - 820	0.00%	Sep 2021	800 - 820
MB-STE-0143	Steel wire rod (low carbon) import, cfr Southeast Asia, \$/tonne	27 Sep 2021	745 - 755	0.00%	Sep 2021	741.25 - 748.75
MB-STE-0148	Steel wire rod (mesh quality) export, fob China main port, \$/tonne	28 Sep 2021	860 - 870	0.00%	Sep 2021	850 - 860
MB-STE-0164	Steel wire rod (mesh quality) domestic, ex-whs Eastern China, yuan/tonne	30 Sep 2021	5900 - 5950	-0.25%	Sep 2021	5768 - 5816
MB-STE-0192	Steel wire rod (low carbon) industrial quality, fob mill US, \$/cwt	21 Sep 2021	57.5 - 60.5	2.61%	Sep 2021	57.5 - 60.5
MB-STE-0193	Steel wire rod (high carbon), fob mill US, \$/cwt	21 Sep 2021	64.75	1.97%	Sep 2021	64.75
MB-STE-0194	Steel wire rod cold-heading quality, ddp, \$/cwt	21 Sep 2021	65	2.36%	Sep 2021	65
MB-STE-0195	Steel wire rod (low carbon) import, loaded truck Port of Houston for immediate delivery, \$/short ton	21 Sep 2021	1130 - 1230	2.61%	Sep 2021	1130 - 1230

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0785	Steel wire rod (mesh quality) domestic, exw Turkey, lira/tonne	30 Sep 2021	7700 - 8000	1.72%	Sep 2021	7497 - 7787
MB-STE-0891	Steel wire rod (drawing quality), domestic, delivered Poland, zloty/tonne	01 Oct 2021	3800 - 3900	-3.14%	Sep 2021	4025 - 4107.5

### Steel beams, sections & bar prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FE-0001	Steel merchant bar export, fob main port Turkey, \$/tonne	30 Sep 2021	690 - 710	-1.41%	Sep 2021	698 - 718
MB-STE-0020	Steel hollow sections ASTM A500 Grade B domestic, fob mill US, \$/short ton	30 Sep 2021	2425 - 2475	0.00%	Sep 2021	2425 - 2475
MB-STE-0024	Steel beams domestic, delivered Northern Europe, €/tonne	29 Sep 2021	1000 - 1030	-2.40%	Sep 2021	1036 - 1064
MB-STE-0025	Steel beams domestic, delivered Southern Europe, €/tonne	29 Sep 2021	1000 - 1020	-2.88%	Sep 2021	1036 - 1062
MB-STE-0038	Steel sections (medium) domestic, delivered Northern Europe, €/tonne	29 Sep 2021	1300 - 1330	-4.36%	Sep 2021	1370 - 1404
MB-STE-0039	Steel sections (medium) domestic, delivered Southern Europe, €/tonne	29 Sep 2021	1290 - 1330	-4.73%	Sep 2021	1368 - 1404
MB-STE-0161	Steel sections domestic, ex-whs Eastern China, yuan/tonne	30 Sep 2021	5700 - 5740	2.69%	Sep 2021	5574 - 5614
MB-STE-0199	Steel bar 2 x 2 x 1/4-inch angle merchant products, fob mill US, \$/cwt	24 Sep 2021	58.3	0.00%	Sep 2021	58.3
MB-STE-0200	Steel bar 3 x 3 x 1/4-inch angle merchant products, fob mill US, \$/cwt	24 Sep 2021	58.75	0.00%	Sep 2021	58.75
MB-STE-0201	Steel bar 8 x 11.5-inch channels merchant products, fob mill US, \$/cwt	24 Sep 2021	58	0.00%	Sep 2021	58
MB-STE-0202	Steel bar 1/2 x 4-inch flat merchant products, fob mill US, \$/cwt	24 Sep 2021	58.5	0.00%	Sep 2021	58.5
MB-STE-0203	Steel merchant bar, loaded truck Port of Houston for immediate delivery, \$/short ton	24 Sep 2021	1105 - 1145	0.00%	Sep 2021	1105 - 1145
MB-STE-0204	Steel bar cold-finished 1-inch round 4140 (alloy), fob mill US, \$/cwt	17 Sep 2021	110.5	1.38%	Sep 2021	110.5
MB-STE-0205	Steel bar cold-finished 1-inch round 1018 (carbon), fob mill US, \$/cwt	17 Sep 2021	89.25	0.85%	Sep 2021	89.25
MB-STE-0206	Steel bar cold-finished 1-inch round 12L14 (carbon), fob mill US, \$/cwt	17 Sep 2021	105.25	1.20%	Sep 2021	105.25
MB-STE-0207	Steel bar hot-rolled special bar quality (SBQ) 1-inch round 4100 series (alloy), fob mill US, \$/cwt	17 Sep 2021	78.5	0.00%	Sep 2021	78.5
MB-STE-0208	Steel bar hot-rolled special bar quality (SBQ) 1-inch round 1000 series (carbon), fob mill US, \$/cwt	17 Sep 2021	68	0.00%	Sep 2021	68
MB-STE-0209	Steel beams 8 x 8-inch, fob mill US, \$/cwt	30 Sep 2021	68	3.82%	Sep 2021	68
MB-STE-0210	Steel beams medium sections, loaded truck Port of Houston for immediate delivery, \$/short ton	30 Sep 2021	1315 - 1355	3.89%	Sep 2021	1315 - 1355
MB-STE-0851	Steel hollow sections ASTM 500 Grade B import, ddp US port of entry, \$/short ton	28 Sep 2021	1850 - 1900	-2.60%	Sep 2021	1850 - 1900

### Steel billet prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0782	Steel billet export, fob ports Iran, \$/tonne	29 Sep 2021	636 - 637	0.00%	Sep 2021	625.8 - 630.2
MB-STE-0558	Steel billet index export, fob Black Sea, CIS, \$/tonne	01 Oct 2021	600	0.00%	Sep 2021	599.91
MB-STE-0516	Steel billet import, cfr main port Egypt, \$/tonne	30 Sep 2021	620 - 630	0.00%	Sep 2021	620 - 630
MB-STE-0433	Steel billet domestic, exw India, rupees/tonne	01 Oct 2021	46600 - 46800	9.88%	Sep 2021	41800 - 42000
MB-STE-0440	Steel billet export, fob main port India, \$/tonne	01 Oct 2021	625 - 630	0.00%	Sep 2021	623.75 - 628.75
MB-STE-0141	Steel billet import, cfr Manila, \$/tonne	01 Oct 2021	685 - 700	1.09%	Sep 2021	682.05 - 690
MB-STE-0157	Steel billet domestic, exw Tangshan, Northern China, yuan/tonne	30 Sep 2021	5210	0.00%	Sep 2021	5172

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0890	Steel billet, import, cfr China, \$/tonne	30 Sep 2021	700 - 710	<b>0.14%</b>	Sep 2021	697.5 - 710.5
MB-STE-0116	Steel billet import, cfr main port Turkey, \$/tonne	30 Sep 2021	600 - 620	<b>-0.81%</b>	Sep 2021	611 - 623
MB-STE-0117	Steel billet export, fob main port Turkey, \$/tonne	30 Sep 2021	620 - 625	<b>-0.40%</b>	Sep 2021	623 - 629
MB-STE-0115	Steel billet domestic, exw Turkey, \$/tonne	30 Sep 2021	620 - 625	0.00%	Sep 2021	623 - 628.6
MB-STE-0128	Steel billet export, fob main port Latin America, \$/tonne	01 Oct 2021	590 - 600	0.00%	Sep 2021	590 - 600
MB-STE-0122	Steel billet import, cfr Jebel Ali, UAE, \$/tonne	28 Sep 2021	625 - 630	0.00%	Sep 2021	623.75 - 628.75

**Steel slab prices**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0781	Steel slab export, fob ports Iran, \$/tonne	29 Sep 2021	672 - 682	<b>-0.88%</b>	Sep 2021	678 - 694
MB-STE-0566	Steel slab export, fob main port Brazil, \$/tonne	01 Oct 2021	780 - 800	0.00%	Sep 2021	847.5 - 865
MB-STE-0140	Steel slab import, cfr Southeast Asia/East Asia, \$/tonne	27 Sep 2021	750	<b>-0.33%</b>	Sep 2021	752.5 - 761.25
MB-STE-0016	Steel slab export, fob Black Sea, CIS, \$/tonne	27 Sep 2021	670 - 680	<b>-6.90%</b>	Sep 2021	717.5 - 728.75

**Steel tube & pipe prices**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0022	Steel ERW standard pipe A53 Grade A, fob mill US, \$/short ton	28 Sep 2021	2300 - 2350	0.00%	Sep 2021	2300 - 2350
MB-STE-0023	Steel ERW standard pipe A53 Grade B, fob mill US, \$/short ton	28 Sep 2021	2450 - 2500	<b>2.06%</b>	Sep 2021	2450 - 2500
MB-STE-0056	Steel ERW standard pipe A53 Grade A import, cif Houston, \$/short ton	28 Sep 2021	1950 - 2000	0.00%	Sep 2021	1950 - 2000
MB-STE-0057	Steel ERW standard pipe A53 Grade B import, cif Houston, \$/short ton	28 Sep 2021	2025 - 2075	<b>1.23%</b>	Sep 2021	2025 - 2075
MB-STE-0059	Steel seamless line pipe - API 5L import, cif Houston, \$/short ton	14 Sep 2021	1750 - 1800	<b>5.97%</b>	Sep 2021	1750 - 1800
MB-STE-0062	Steel seamless OCTG API 5CT - Casing P110, import, cif Houston, \$/short ton	14 Sep 2021	1825 - 1925	0.00%	Sep 2021	1825 - 1925
MB-STE-0063	Steel OCTG API 5CT - Casing J55, fob mill US, \$/short ton	14 Sep 2021	2150 - 2250	<b>7.32%</b>	Sep 2021	2150 - 2250
MB-STE-0071	Steel seamless OCTG API 5CT - Casing P110, fob mill US, \$/short ton	14 Sep 2021	2000 - 2100	0.00%	Sep 2021	2000 - 2100
MB-STE-0090	Steel welded mechanical tubing ASTM A513, fob mill US, \$/short ton	28 Sep 2021	2475 - 2525	0.00%	Sep 2021	2475 - 2525
MB-STE-0166	Steel structural pipe export S235JR grade EN10219 2mm wall thickness, fob main port Turkey, \$/tonne	08 Sep 2021	960 - 990	<b>-7.36%</b>	Sep 2021	960 - 990
MB-STE-0545	Steel ERW line pipe (X52), fob mill US, \$/short ton	14 Sep 2021	2475 - 2525	<b>6.38%</b>	Sep 2021	2475 - 2525
MB-STE-0561	Steel ERW line pipe (X65), fob mill US, \$/short ton	14 Sep 2021	2600 - 2650	<b>8.25%</b>	Sep 2021	2600 - 2650
MB-STE-0564	Steel welded OCTG API 5CT - Casing P110, fob mill US, \$/short ton	14 Sep 2021	2125 - 2175	0.00%	Sep 2021	2125 - 2175
MB-STE-0565	Steel welded OCTG API 5CT - Casing P110, import, cif Houston, \$/short ton	14 Sep 2021	1850 - 1900	0.00%	Sep 2021	1850 - 1900
MB-STE-0869	Steel OCTG API 5CT - Casing J55 import South Korean-made, cif Houston, \$/short ton	14 Sep 2021	1675 - 1725	<b>0.74%</b>	Sep 2021	1675 - 1725
MB-STE-0870	Steel OCTG API 5CT - Casing J55 import non-South Korean-made, cif Houston, \$/short ton	14 Sep 2021	1750 - 1800	<b>1.43%</b>	Sep 2021	1750 - 1800
MB-STE-0871	Steel ERW line pipe (X52) import South Korean-made, cif Houston, \$/short ton	14 Sep 2021	1700 - 1800	0.00%	Sep 2021	1700 - 1800
MB-STE-0872	Steel ERW line pipe (X52) import non-South Korean-made, cif Houston, \$/short ton	14 Sep 2021	2100 - 2200	<b>28.36%</b>	Sep 2021	2100 - 2200
MB-STE-0873	Steel ERW line pipe (X70), fob mill US, \$/short ton	14 Sep 2021	2650 - 2700	<b>9.18%</b>	Sep 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	01 Oct 2021	4100 - 4200	0.00%	Sep 2021	4025 - 4200
MB-ST5-0035	Stainless steel 304 cold-rolled sheet, fob mill US, \$/cwt	10 Sep 2021	184.75	<b>3.21%</b>	Sep 2021	184.75
MB-ST5-0034	Stainless steel 304L cold-rolled sheet, fob mill US, \$/cwt	10 Sep 2021	186.75	<b>3.18%</b>	Sep 2021	186.75
MB-ST5-0037	Stainless steel 316L cold-rolled sheet, fob mill US, \$/cwt	10 Sep 2021	251.25	<b>2.55%</b>	Sep 2021	251.25
MB-ST5-0005	Stainless steel bright bar grade 304 base price domestic, delivered Europe, €/tonne	01 Oct 2021	1050 - 1100	<b>4.88%</b>	Sep 2021	1000 - 1050
MB-ST5-0004	Stainless steel bright bar grade 304 alloy surcharge domestic, Europe, €/tonne	01 Oct 2021	2682 - 2889	<b>1.61%</b>	Sep 2021	2668 - 2815
MB-ST5-0282	Stainless steel cold-rolled coil 2mm grade 304 export, fob China, \$/tonne	29 Sep 2021	3450 - 3540	<b>-2.10%</b>	Sep 2021	3290 - 3388
MB-ST5-0018	Stainless steel cold-rolled coil, Asia grade 304 (2mm 2B), cif East Asian port, \$/tonne	29 Sep 2021	3340 - 3480	<b>-5.41%</b>	Sep 2021	3310 - 3386
MB-ST5-0015	Stainless steel cold-rolled coil 2mm grade 304 domestic, ex-whs China, yuan/tonne	29 Sep 2021	21000 - 21400	<b>-4.29%</b>	Sep 2021	19960 - 20480
MB-ST5-0016	Stainless steel cold-rolled coil 2mm grade 430 domestic, ex-whs China, yuan/tonne	29 Sep 2021	11100 - 11150	<b>-1.77%</b>	Sep 2021	11260 - 11310
MB-ST5-0283	Stainless steel hot-rolled coil grade 304 export, fob China, \$/tonne	29 Sep 2021	3290 - 3320	<b>-3.78%</b>	Sep 2021	3196 - 3224
MB-ST5-0280	Stainless steel hot-rolled coil Asia grade 304, cif port East Asia, \$/tonne	29 Sep 2021	2960 - 2980	<b>-14.53%</b>	Sep 2021	3028 - 3050
MB-ST5-0001	Stainless steel cold-rolled sheet 316 2mm alloy surcharge domestic, Europe, €/tonne	01 Oct 2021	3333 - 3426	<b>1.90%</b>	Sep 2021	3283 - 3350
MB-ST5-0002	Stainless steel cold-rolled sheet base price 316 2mm domestic, delivered Europe, €/tonne	01 Oct 2021	2050 - 2150	0.00%	Sep 2021	2037.5 - 2125
MB-ST5-0006	Stainless steel cold-rolled sheet 2mm grade 304 alloy surcharge domestic, Europe, €/tonne	01 Oct 2021	2120 - 2193	<b>0.89%</b>	Sep 2021	2109 - 2166
MB-ST5-0007	Stainless steel cold-rolled sheet 2mm grade 304 base price domestic, delivered Northern Europe, €/tonne	01 Oct 2021	1800 - 1850	0.00%	Sep 2021	1787.5 - 1837.5

# Steel raw materials prices

Source: [dashboard.fastmarkets.com/m/2741a719-e91d-4e5e-b9b9-29225e060f7c](https://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	01 Oct 2021	115.79	-2.89%	Sep 2021	120.16
MB-IRO-0009	Iron ore 65% Fe Brazil-origin fines, cfr Qingdao, \$/tonne	01 Oct 2021	138.2	-2.12%	Sep 2021	142.83
MB-IRO-0010	Iron ore 63% Fe Australia-origin lump ore premium, cfr Qingdao, US cents/dmtu	01 Oct 2021	16	3.23%	Sep 2021	5.98
MB-IRO-0011	Iron ore 62% Fe fines, fot Qingdao, yuan/wet tonne	01 Oct 2021	877	0.00%	Sep 2021	912.41
MB-IRO-0012	Iron ore 65% Fe blast furnace pellet, cfr Qingdao, \$/tonne	01 Oct 2021	180.03	9.70%	Sep 2021	181.85
MB-IRO-0013	Iron ore 66% Fe concentrate, cfr Qingdao, \$/tonne	01 Oct 2021	136.54	8.62%	Sep 2021	144.12
MB-IRO-0015	Iron ore 58% Fe fines, cfr Qingdao, \$/tonne	01 Oct 2021	76.06	-3.79%	Sep 2021	82.51
MB-IRO-0016	Iron ore 58% Fe fines high-grade premium, cfr Qingdao, \$/tonne	01 Oct 2021	12	0.00%	Sep 2021	9.32
MB-IRO-0017	Iron ore 58% Fe fines high-grade premium index, cfr Qingdao, \$/tonne	01 Oct 2021	88.06	-3.29%	Sep 2021	91.83
MB-IRO-0018	Iron ore 62% Fe fines, % Fe VIU, cfr Qingdao, \$/tonne	27 Sep 2021	2.09	-2.34%	Sep 2021	2.27
MB-IRO-0019	Iron ore 65% Fe fines, % Fe VIU, cfr Qingdao \$/tonne	27 Sep 2021	2.57	-4.81%	Sep 2021	2.76
MB-IRO-0020	Iron ore 62% Fe fines, % Si VIU, cfr Qingdao, \$/tonne	27 Sep 2021	(5.28)		Sep 2021	(5.31)
MB-IRO-0021	Iron ore 62% Fe fines, % Al2O3 VIU, cfr Qingdao, \$/tonne	27 Sep 2021	(6.47)		Sep 2021	(6.15)
MB-IRO-0022	Iron ore 62% Fe fines, fot Qingdao, \$/tonne conversion	01 Oct 2021	125.71	0.13%	Sep 2021	130.91
MB-IRO-0024	Iron ore 62% Fe fines, 0.01% P VIU, cfr Qingdao, \$/tonne	27 Sep 2021	(0.7)		Sep 2021	(0.69)
MB-IRO-0076	Iron ore product differential - 62% Fe Pilbara Blend Fines, cfr Qingdao, \$/tonne	01 Oct 2021	(1.3)		Sep 2021	(0.48)
MB-IRO-0077	Iron ore DR-grade pellet premium to 65% Fe fines index, Middle East reference, \$/tonne	30 Sep 2021	70	0.00%	Sep 2021	70
MB-IRO-0114	Iron ore 62% Fe Pilbara blend fines, cfr Qingdao, \$/tonne	01 Oct 2021	114.49	-3.73%	Sep 2021	119.67
MB-IRO-0144	Iron ore 62% Fe low-alumina fines, cfr Qingdao, \$/tonne	01 Oct 2021	118.54	-2.79%	Sep 2021	121.26
MB-IRO-0177	Iron ore pellet premium over 65% Fe fines, cfr China, \$/tonne	01 Oct 2021	41.2	10.75%	Sep 2021	34.48

## Coking coal, coke & PCI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-COA-0001	Hard coking coal domestic China spot market, Shanxi-origin, delivered Tangshan, yuan/tonne	27 Sep 2021	3800 - 4480	-4.72%	Sep 2021	3752.5 - 4492.5
MB-COA-0002	Hard coking coal, cfr Jingtang, \$/dmt	01 Oct 2021	565.14	0.00%	Sep 2021	479.84
MB-COA-0003	Premium hard coking coal, fob DBCT, \$/dmt	01 Oct 2021	391.5	-2.17%	Sep 2021	351.58
MB-COA-0004	Hard coking coal, fob DBCT, \$/dmt	01 Oct 2021	336.84	-0.30%	Sep 2021	293.13
MB-COA-0005	Premium hard coking coal, cfr Jingtang, \$/dmt	01 Oct 2021	603.28	0.00%	Sep 2021	528.61
MB-COA-0006	Coke 65% CSR, fob China, \$/tonne	28 Sep 2021	690 - 720	0.00%	Sep 2021	657.5 - 678.75
MB-COA-0007	PCI low-vol, cfr Jingtang, \$/dmt	01 Oct 2021	282.65	3.43%	Sep 2021	262.99
MB-COA-0008	PCI low-vol, fob DBCT, \$/dmt	01 Oct 2021	252.92	0.00%	Sep 2021	228.26



## Pig iron, DRI &amp; HBI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FE-0002	Hot-briquetted iron export, fob main port Venezuela, \$/tonne	01 Oct 2021	370 - 390	0.00%	Sep 2021	422.5 - 435
MB-FE-0003	Hot-briquetted iron, fob New Orleans, \$/tonne	27 Sep 2021	430 - 440	0.00%	Sep 2021	430 - 440
MB-FE-0004	Hot-briquetted iron, cfr Italian ports, \$/tonne	30 Sep 2021	460	0.00%	Sep 2021	466 - 468
MB-FEN-0001	Nickel pig iron, high-grade NPI content 10-15%, contract, ddp China, yuan/nickel unit price	01 Oct 2021	1430 - 1450	0.00%	Sep 2021	1430 - 1450
MB-FEN-0002	Nickel pig iron, high-grade NPI content 10-15%, spot, ddp China, yuan/nickel unit price	01 Oct 2021	1440 - 1460	-1.02%	Sep 2021	1435 - 1457.5
MB-FEN-0004	Pig iron foundry grade, Brazil, fob New Orleans, \$/tonne	27 Sep 2021	670 - 700	0.00%	Sep 2021	685 - 715
MB-IRO-0001	Pig iron export, fob main port Baltic Sea, CIS, \$/tonne	30 Sep 2021	560 - 580	0.00%	Sep 2021	572 - 584
MB-IRO-0002	Pig iron export, fob main port Black Sea, CIS, \$/tonne	30 Sep 2021	490 - 515	-0.30%	Sep 2021	487 - 509.6
MB-IRO-0004	Pig iron import, cfr Gulf of Mexico, US, \$/tonne	01 Oct 2021	530 - 540	0.00%	Sep 2021	530 - 538.75
MB-IRO-0005	Pig iron export, fob port of Vitoria/Rio, Brazil, \$/tonne	01 Oct 2021	480	0.00%	Sep 2021	477.5 - 491.25
MB-IRO-0006	Pig iron export, fob Ponta da Madeira, Brazil, \$/tonne	01 Oct 2021	520	0.00%	Sep 2021	515 - 517.5
MB-IRO-0014	Pig iron import, cfr Italy, \$/tonne	30 Sep 2021	540 - 550	-1.00%	Sep 2021	536.6 - 544.6
MB-IRO-0023	Direct reduced iron domestic, exw India, rupees/tonne	01 Oct 2021	34200 - 34400	6.19%	Sep 2021	31750 - 31950
MB-IRO-0078	Pig iron basic grade, Brazil, fob New Orleans, \$/tonne	27 Sep 2021	535 - 565	0.00%	Sep 2021	533.75 - 563.75
MB-IRO-0079	Pig iron basic grade, Ukraine/Russia, fob New Orleans, \$/tonne	27 Sep 2021	535 - 565	0.00%	Sep 2021	533.75 - 563.75
MB-IRO-0178	Pig iron, import, cfr China, \$/tonne	23 Sep 2021	540 - 560	2.33%	Sep 2021	537.5 - 550

# Steel scrap prices

Source: [dashboard.fastmarkets.com/m/6310df54-51f9-4441-9a17-47f6239159d5](https://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	07 Sep 2021	410	-4.65%	Sep 2021	410
MB-STE-0214	Steel scrap No2 heavy melt, consumer buying price, delivered mill Alabama, \$/gross ton	07 Sep 2021	400	-4.76%	Sep 2021	400
MB-STE-0216	Steel scrap No1 busheling, consumer buying price, delivered mill Alabama, \$/gross ton	07 Sep 2021	575	-6.50%	Sep 2021	575
MB-STE-0215	Steel scrap No1 bundles, consumer buying price, delivered mill Alabama, \$/gross ton	07 Sep 2021	567	-6.59%	Sep 2021	567
MB-STE-0218	Steel scrap machine shop turnings, consumer buying price, delivered mill Alabama, \$/gross ton	07 Sep 2021	335	-5.63%	Sep 2021	335
MB-STE-0217	Steel scrap shredded auto scrap, consumer buying price, delivered mill Alabama, \$/gross ton	07 Sep 2021	468	-4.10%	Sep 2021	468
MB-STE-0219	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Alabama, \$/gross ton	07 Sep 2021	455	-4.21%	Sep 2021	455
MB-STE-0220	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Alabama, \$/gross ton	07 Sep 2021	430	-4.44%	Sep 2021	430

## 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	07 Sep 2021	435	-4.40%	Sep 2021	435
MB-STE-0224	Steel scrap No1 busheling, consumer buying price, delivered mill Arkansas/Tenn, \$/gross ton	07 Sep 2021	610	-6.15%	Sep 2021	610
MB-STE-0222	Steel scrap No1 bundles, consumer buying price, delivered mill Arkansas/Tenn, \$/gross ton	07 Sep 2021	605	-6.20%	Sep 2021	605
MB-STE-0223	Steel scrap No2 bundles, consumer buying price, delivered mill Arkansas/Tenn, \$/gross ton	07 Sep 2021	397	-4.80%	Sep 2021	397
MB-STE-0226	Steel scrap machine shop turnings, consumer buying price, delivered mill Arkansas/Tenn, \$/gross ton	07 Sep 2021	330	-5.71%	Sep 2021	330
MB-STE-0225	Steel scrap shredded auto scrap, consumer buying price, delivered mill Arkansas/Tenn, \$/gross ton	07 Sep 2021	470	-4.08%	Sep 2021	470
MB-STE-0227	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Arkansas/Tenn, \$/gross ton	07 Sep 2021	455	-4.21%	Sep 2021	455

## 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	07 Sep 2021	376	-5.05%	Sep 2021	376
MB-STE-0341	Steel scrap No1 busheling, dealer selling price, fob dealer yard Atlanta, \$/gross ton	07 Sep 2021	513	-8.06%	Sep 2021	513
MB-STE-0343	Steel scrap machine shop turnings, dealer selling price, fob dealer yard Atlanta, \$/gross ton	07 Sep 2021	230	-8.00%	Sep 2021	230

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0342	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard Atlanta, \$/gross ton	07 Sep 2021	406	-4.69%	Sep 2021	406
MB-STE-0344	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard Atlanta, \$/gross ton	07 Sep 2021	386	-4.93%	Sep 2021	386

**Bajio**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0553	Steel scrap No1 heavy melt, consumer buying price, delivered mill Bajio, \$/tonne	28 Sep 2021	391	-8.00%	Sep 2021	434
MB-STE-0551	Steel scrap No1 busheling, consumer buying price, delivered mill Bajio, \$/tonne	28 Sep 2021	583	-2.18%	Sep 2021	602.25
MB-STE-0552	Steel scrap No1 busheling, consumer buying price, delivered mill Bajio, peso/tonne	28 Sep 2021	11700	-1.27%	Sep 2021	12037.5
MB-STE-0549	Steel scrap machine shop turnings, consumer buying price, delivered mill Bajio, \$/tonne	28 Sep 2021	379	-3.32%	Sep 2021	403.25
MB-STE-0550	Steel scrap machine shop turnings, consumer buying price, delivered mill Bajio, peso/tonne	28 Sep 2021	7600	-2.56%	Sep 2021	8062.5
MB-STE-0556	Steel scrap shredded auto scrap, consumer buying price, delivered mill Bajio, peso/tonne	28 Sep 2021	11700	0.00%	Sep 2021	11850
MB-STE-0547	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Bajio, \$/tonne	28 Sep 2021	463	-2.53%	Sep 2021	486.25
MB-STE-0548	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Bajio, peso/tonne	28 Sep 2021	9300	-1.59%	Sep 2021	9725
MB-STE-0554	Steel scrap No1 heavy melt, consumer buying price, delivered mill Bajio, peso/tonne	28 Sep 2021	7850	-7.10%	Sep 2021	8675
MB-STE-0555	Steel scrap shredded auto scrap, consumer buying price, delivered mill Bajio, \$/tonne	28 Sep 2021	583	-0.85%	Sep 2021	592.75

**Birmingham**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0698	Steel scrap No1 heavy melting, broker buying price, fob Birmingham, \$/gross ton	08 Sep 2021	273	-6.83%	Sep 2021	273
MB-STE-0699	Steel scrap No2 heavy melting, broker buying price, fob Birmingham, \$/gross ton	08 Sep 2021	263	-7.07%	Sep 2021	263
MB-STE-0710	Steel scrap plate and structurals 5ft and under, broker buying price, fob Birmingham \$/gross ton	08 Sep 2021	345	-5.48%	Sep 2021	345
MB-STE-0704	Steel scrap machine shop turnings, broker buying price, fob Birmingham \$/gross ton	08 Sep 2021	230	-8.00%	Sep 2021	230
MB-STE-0703	Steel scrap shredded scrap, broker buying price, fob Birmingham \$/gross ton	08 Sep 2021	430	-4.44%	Sep 2021	430
MB-STE-0702	Steel scrap No1 busheling, broker buying price, fob Birmingham \$/gross ton	08 Sep 2021	475	-7.77%	Sep 2021	475
MB-STE-0700	Steel scrap No1 dealer bundles, broker buying price, fob Birmingham, \$/gross ton	08 Sep 2021	505	-7.34%	Sep 2021	505

**Boston**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0366	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Boston, \$/gross ton	27 Sep 2021	330	0.00%	Sep 2021	332.5
MB-STE-0367	Steel scrap No2 bundles, export yard buying price, delivered to yard Boston, \$/gross ton	27 Sep 2021	250	0.00%	Sep 2021	252.5

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0370	Steel scrap auto bodies, export yard buying price, delivered to yard Boston, \$/gross ton	27 Sep 2021	225	0.00%	Sep 2021	230
MB-STE-0369	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Boston, \$/gross ton	27 Sep 2021	330	0.00%	Sep 2021	332.5
MB-STE-0368	Steel scrap mixed cast, export yard buying price, delivered to yard Boston, \$/gross ton	27 Sep 2021	315	0.00%	Sep 2021	317.5
MB-STE-0371	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Boston, \$/gross ton	27 Sep 2021	340	0.00%	Sep 2021	342.5

**Chicago**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0228	Steel scrap No1 heavy melt, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	430	-5.49%	Sep 2021	430
MB-STE-0232	Steel scrap No1 busheling, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	580	-7.94%	Sep 2021	580
MB-STE-0230	Steel scrap No1 bundles, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	585	-7.87%	Sep 2021	585
MB-STE-0248	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	420	-5.62%	Sep 2021	420
MB-STE-0231	Steel scrap No2 bundles, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	315	-7.35%	Sep 2021	315
MB-STE-0234	Steel scrap machine shop turnings, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	290	-7.94%	Sep 2021	290
MB-STE-0233	Steel scrap shredded auto scrap, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	470	-2.08%	Sep 2021	470
MB-STE-0578	Steel scrap low-residual, ductile-quality shredded clips, consumer buying price, delivered mill Chicago, \$/gross ton	08 Sep 2021	742	-6.31%	Sep 2021	742
MB-STE-0241	Steel scrap unstripped motor blocks, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	504	-4.73%	Sep 2021	504
MB-STE-0235	Steel scrap cast iron borings, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	320	-7.25%	Sep 2021	320
MB-STE-0239	Steel scrap cupola cast, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	559	-4.28%	Sep 2021	559
MB-STE-0240	Steel scrap clean auto cast, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	622	-3.86%	Sep 2021	622
MB-STE-0242	Steel scrap heavy breakable cast, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	502	-4.74%	Sep 2021	502
MB-STE-0243	Steel scrap drop broken machinery cast, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	537	-4.45%	Sep 2021	537
MB-STE-0238	Steel scrap foundry steel 2ft max, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	494	-4.82%	Sep 2021	494
MB-STE-0244	Steel scrap rail crops 2ft max, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	553	-4.33%	Sep 2021	553
MB-STE-0246	Steel scrap steel car wheels, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	495	-4.81%	Sep 2021	495
MB-STE-0577	Steel scrap low-residual, black foundry busheling, consumer buying price, delivered mill Chicago, \$/gross ton	08 Sep 2021	742	-6.31%	Sep 2021	742
MB-STE-0236	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	584	-4.11%	Sep 2021	584
MB-STE-0237	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	465	-5.10%	Sep 2021	465

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0579	Steel scrap low-alloy punchings, consumer buying price, delivered mill Chicago, \$/gross ton	08 Sep 2021	762	-6.16%	Sep 2021	762
MB-STE-0229	Steel scrap No2 heavy melt, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	415	-5.68%	Sep 2021	415

**Cincinnati**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0249	Steel scrap No1 heavy melt, consumer buying price, delivered mill Cincinnati, \$/gross ton	07 Sep 2021	410	-5.75%	Sep 2021	410
MB-STE-0251	Steel scrap No1 busheling, consumer buying price, delivered mill Cincinnati, \$/gross ton	07 Sep 2021	565	-8.13%	Sep 2021	565
MB-STE-0250	Steel scrap No1 bundles, consumer buying price, delivered mill Cincinnati, \$/gross ton	07 Sep 2021	565	-8.13%	Sep 2021	565
MB-STE-0253	Steel scrap machine shop turnings, consumer buying price, delivered mill Cincinnati, \$/gross ton	07 Sep 2021	247	-9.19%	Sep 2021	247
MB-STE-0252	Steel scrap shredded auto scrap, consumer buying price, delivered mill Cincinnati, \$/gross ton	07 Sep 2021	430	-5.49%	Sep 2021	430
MB-STE-0254	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Cincinnati, \$/gross ton	07 Sep 2021	435	-5.43%	Sep 2021	435

**Cleveland**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0255	Steel scrap No1 heavy melt, consumer buying price, delivered mill Cleveland, \$/gross ton	07 Sep 2021	425	-5.56%	Sep 2021	425
MB-STE-0257	Steel scrap No1 busheling, consumer buying price, delivered mill Cleveland, \$/gross ton	07 Sep 2021	620	-7.46%	Sep 2021	620
MB-STE-0256	Steel scrap No1 bundles, consumer buying price, delivered mill Cleveland, \$/gross ton	07 Sep 2021	620	-7.46%	Sep 2021	620
MB-STE-0269	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Cleveland, \$/gross ton	07 Sep 2021	410	-5.75%	Sep 2021	410
MB-STE-0259	Steel scrap machine shop turnings, consumer buying price, delivered mill Cleveland, \$/gross ton	07 Sep 2021	245	-9.26%	Sep 2021	245
MB-STE-0258	Steel scrap shredded auto scrap, consumer buying price, delivered mill Cleveland, \$/gross ton	07 Sep 2021	460	-5.15%	Sep 2021	460
MB-STE-0260	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Cleveland, \$/gross ton	07 Sep 2021	440	-5.38%	Sep 2021	440
MB-STE-0653	Steel scrap punchings and plate, broker buying price, fob Cleveland, \$/gross ton	08 Sep 2021	740	-5.73%	Sep 2021	740

**Detroit**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0272	Steel scrap No1 busheling, consumer buying price, delivered mill Detroit, \$/gross ton	07 Sep 2021	555	-8.26%	Sep 2021	555
MB-STE-0271	Steel scrap No1 bundles, consumer buying price, delivered mill Detroit, \$/gross ton	07 Sep 2021	545	-8.40%	Sep 2021	545
MB-STE-0634	Steel scrap No1 dealer bundles, broker buying price, fob Detroit, \$/gross ton	08 Sep 2021	390	-11.36%	Sep 2021	390
MB-STE-0279	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Detroit, \$/gross ton	07 Sep 2021	390	-6.02%	Sep 2021	390

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0274	Steel scrap machine shop turnings, consumer buying price, delivered mill Detroit, \$/gross ton	07 Sep 2021	165	-13.16%	Sep 2021	165
MB-STE-0273	Steel scrap shredded auto scrap, consumer buying price, delivered mill Detroit, \$/gross ton	07 Sep 2021	445	-5.32%	Sep 2021	445
MB-STE-0636	Steel scrap shredded scrap, broker buying price, fob Detroit, \$/gross ton	08 Sep 2021	318	-7.29%	Sep 2021	318
MB-STE-0277	Steel scrap cupola cast, consumer buying price, delivered mill Detroit, \$/gross ton	07 Sep 2021	415	-5.68%	Sep 2021	415
MB-STE-0278	Steel scrap clean auto cast, consumer buying price, delivered mill Detroit, \$/gross ton	07 Sep 2021	455	-5.21%	Sep 2021	455
MB-STE-0276	Steel scrap foundry steel 2ft max, consumer buying price, delivered mill Detroit, \$/gross ton	07 Sep 2021	430	-5.49%	Sep 2021	430
MB-STE-0640	Steel scrap cast iron borings, broker buying price, fob Detroit, \$/gross ton	08 Sep 2021	75	-25.00%	Sep 2021	75
MB-STE-0275	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Detroit, \$/gross ton	07 Sep 2021	420	-5.62%	Sep 2021	420
MB-STE-0637	Steel scrap plate and structurals 5ft and under, broker buying price, fob Detroit, \$/gross ton	08 Sep 2021	296	-7.79%	Sep 2021	296
MB-STE-0633	Steel scrap No1 heavy melting, broker buying price, fob Detroit, \$/gross ton	08 Sep 2021	270	-8.47%	Sep 2021	270
MB-STE-0635	Steel scrap No1 busheling, broker buying price, fob Detroit, \$/gross ton	08 Sep 2021	438	-10.25%	Sep 2021	438
MB-STE-0638	Steel scrap machine shop turnings, broker buying price, fob Detroit, \$/gross ton	08 Sep 2021	45	-35.71%	Sep 2021	45
MB-STE-0270	Steel scrap No1 heavy melt, consumer buying price, delivered mill Detroit, \$/gross ton	07 Sep 2021	410	-5.75%	Sep 2021	410

**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	07 Sep 2021	349	-7.43%	Sep 2021	349
MB-STE-0772	Steel scrap No1 heavy melting, broker buying price, fob Hamilton, Canadian \$/net ton	08 Sep 2021	294	-8.70%	Sep 2021	294
MB-STE-0335	Steel scrap No1 busheling, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	07 Sep 2021	582	-8.63%	Sep 2021	582
MB-STE-0774	Steel scrap No1 busheling, broker buying price, fob Hamilton, Canadian \$/net ton	08 Sep 2021	481	-10.26%	Sep 2021	481
MB-STE-0334	Steel scrap No1 bundles, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	07 Sep 2021	596	-8.45%	Sep 2021	596
MB-STE-0773	Steel scrap No1 dealer bundles, broker buying price, fob Hamilton, Canadian \$/net ton	08 Sep 2021	586	-8.58%	Sep 2021	586
MB-STE-0777	Steel scrap machine shop turnings, broker buying price, fob Hamilton, Canadian \$/net ton	08 Sep 2021	186	-13.08%	Sep 2021	186
MB-STE-0336	Steel scrap shredded auto scrap, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	07 Sep 2021	518	-4.60%	Sep 2021	518
MB-STE-0776	Steel scrap shredded scrap, broker buying price, fob Hamilton, Canadian \$/net ton	08 Sep 2021	240	-10.45%	Sep 2021	240
MB-STE-0337	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Hamilton, Canadian \$/net ton	07 Sep 2021	372	-7.00%	Sep 2021	372

**Houston**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
--------	-------------	------	-------	-----	-------	-----------------

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0350	Steel scrap No1 heavy melt, dealer selling price, fob dealer yard Houston, \$/gross ton	07 Sep 2021	260	-7.14%	Sep 2021	260
MB-STE-0765	Steel scrap No1 heavy melting, broker buying price, fob Houston \$/gross ton	08 Sep 2021	255	-7.27%	Sep 2021	255
MB-STE-0766	Steel scrap No2 heavy melting, broker buying price, fob Houston \$/gross ton	08 Sep 2021	245	-7.55%	Sep 2021	245
MB-STE-0351	Steel scrap No1 busheling, dealer selling price, fob dealer yard Houston, \$/gross ton	07 Sep 2021	402	-11.06%	Sep 2021	402
MB-STE-0405	Steel scrap No1 busheling, consumer buying price trend, delivered mill Houston, \$/gross ton	07 Sep 2021	(50)		Sep 2021	(50)
MB-STE-0767	Steel scrap No1 busheling, broker buying price, fob Houston \$/gross ton	08 Sep 2021	430	-10.42%	Sep 2021	430
MB-STE-0353	Steel scrap machine shop turnings, dealer selling price, fob dealer yard Houston, \$/gross ton	07 Sep 2021	185	-9.76%	Sep 2021	185
MB-STE-0769	Steel scrap machine shop turnings, broker buying price, fob Houston \$/gross ton	08 Sep 2021	175	-10.26%	Sep 2021	175
MB-STE-0352	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard Houston, \$/gross ton	07 Sep 2021	285	-6.56%	Sep 2021	285
MB-STE-0768	Steel scrap shredded scrap, broker buying price, fob Houston \$/gross ton	08 Sep 2021	275	-6.78%	Sep 2021	275
MB-STE-0354	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard Houston, \$/gross ton	07 Sep 2021	290	-6.45%	Sep 2021	290
MB-STE-0408	Steel scrap cut structural/plate 5ft max, consumer buying price trend, delivered mill Houston, \$/gross ton	07 Sep 2021	(20)		Sep 2021	(20)
MB-STE-0770	Steel scrap plate and structurals 5ft and under, broker buying price, fob Houston \$/gross ton	08 Sep 2021	280	-6.67%	Sep 2021	280
MB-STE-0404	Steel scrap No1 heavy melt, consumer buying price trend, delivered mill Houston, \$/gross ton	07 Sep 2021	(20)		Sep 2021	(20)
MB-STE-0407	Steel scrap machine shop turnings, consumer buying price trend, delivered mill Houston, \$/gross ton	07 Sep 2021	(20)		Sep 2021	(20)
MB-STE-0406	Steel scrap shredded auto scrap, consumer buying price trend, delivered mill Houston, \$/gross ton	07 Sep 2021	(20)		Sep 2021	(20)

**Los Angeles**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0372	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Los Angeles, \$/gross ton	27 Sep 2021	265	0.00%	Sep 2021	265
MB-STE-0425	Steel scrap HMS 1&2 (80:20), export index, fob Los Angeles, \$/tonne	29 Sep 2021	435	1.16%	Sep 2021	427.5
MB-STE-0374	Steel scrap No1 busheling, export yard buying price, delivered to yard Los Angeles, \$/gross ton	27 Sep 2021	275	0.00%	Sep 2021	275
MB-STE-0373	Steel scrap No2 bundles, export yard buying price, delivered to yard Los Angeles, \$/gross ton	27 Sep 2021	165	0.00%	Sep 2021	165
MB-STE-0375	Steel scrap machine shop turnings, export yard buying price, delivered to yard Los Angeles, \$/gross ton	27 Sep 2021	60	0.00%	Sep 2021	60
MB-STE-0378	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Los Angeles, \$/gross ton	27 Sep 2021	275	0.00%	Sep 2021	275

**Midwest**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0424	Steel scrap No1 heavy melt, index, delivered Midwest mill, \$/gross ton	10 Sep 2021	434.21	-4.57%	Sep 2021	434.21
MB-STE-0882	Steel scrap No1 busheling, indicator, delivered Midwest mill, \$/gross ton	01 Oct 2021	580	0.00%	Sep 2021	594.29

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0422	Steel scrap No1 busheling, index, delivered Midwest mill, \$/gross ton	10 Sep 2021	601.31	-7.77%	Sep 2021	601.31
MB-STE-0423	Steel scrap shredded, index, delivered Midwest mill, \$/gross ton	10 Sep 2021	475.35	-1.89%	Sep 2021	475.35
MB-STE-0787	Steel scrap shredder feed, fob Midwest, \$/gross ton	27 Sep 2021	193.49	0.00%	Sep 2021	196.05

### Monterrey

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0533	Steel scrap No1 heavy melt, consumer buying price, delivered mill Monterrey, \$/tonne	28 Sep 2021	421	-9.07%	Sep 2021	459.25
MB-STE-0534	Steel scrap No1 heavy melt, consumer buying price, delivered mill Monterrey, peso/tonne	28 Sep 2021	8450	-8.15%	Sep 2021	9175
MB-STE-0539	Steel scrap No1 busheling, consumer buying price, delivered mill Monterrey, \$/tonne	28 Sep 2021	548	-6.48%	Sep 2021	584
MB-STE-0540	Steel scrap No1 busheling, consumer buying price, delivered mill Monterrey, peso/tonne	28 Sep 2021	11000	-5.58%	Sep 2021	11675
MB-STE-0541	Steel scrap machine shop turnings, consumer buying price, delivered mill Monterrey, \$/tonne	28 Sep 2021	414	-4.83%	Sep 2021	432.25
MB-STE-0542	Steel scrap machine shop turnings, consumer buying price, delivered mill Monterrey, peso/tonne	28 Sep 2021	8300	-4.05%	Sep 2021	8637.5
MB-STE-0535	Steel scrap shredded auto scrap, consumer buying price, delivered mill Monterrey, \$/tonne	28 Sep 2021	563	-2.26%	Sep 2021	576
MB-STE-0536	Steel scrap shredded auto scrap, consumer buying price, delivered mill Monterrey, peso/tonne	28 Sep 2021	11300	-1.31%	Sep 2021	11512.5
MB-STE-0537	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Monterrey, \$/tonne	28 Sep 2021	533	-3.62%	Sep 2021	553.5
MB-STE-0538	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Monterrey, peso/tonne	28 Sep 2021	10700	-2.73%	Sep 2021	11062.5

### Montreal

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0789	Steel scrap No1 heavy melting, consumer buying price, fob Montreal, Canadian \$/net ton	07 Sep 2021	385	-7.23%	Sep 2021	385
MB-STE-0790	Steel scrap No1 busheling, consumer buying price, fob Montreal, Canadian \$/net ton	07 Sep 2021	555	-8.26%	Sep 2021	555
MB-STE-0848	Steel scrap No2 bundles, consumer buying price, fob Montreal, Canadian \$/net ton	07 Sep 2021	280	-3.45%	Sep 2021	280
MB-STE-0792	Steel scrap machine shop turnings, consumer buying price, fob Montreal, Canadian \$/net ton	07 Sep 2021	315	-8.70%	Sep 2021	315
MB-STE-0793	Steel scrap cut structural/plate 5ft max, consumer buying price, fob Montreal, Canadian \$/net ton	07 Sep 2021	425	-5.56%	Sep 2021	425

### New York

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0379	Steel scrap No1 heavy melt, export yard buying price, delivered to yard New York, \$/gross ton	27 Sep 2021	335	0.00%	Sep 2021	337.5
MB-STE-0418	Steel scrap HMS 1&2 (80:20), export index, fob New York, \$/tonne	29 Sep 2021	402.71	0.00%	Sep 2021	401.33

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0380	Steel scrap No2 bundles, export yard buying price, delivered to yard New York, \$/gross ton	27 Sep 2021	285	0.00%	Sep 2021	287.5
MB-STE-0381	Steel scrap machine shop turnings, export yard buying price, delivered to yard New York, \$/gross ton	27 Sep 2021	230	0.00%	Sep 2021	232.5
MB-STE-0419	Steel scrap shredded scrap, export index, fob New York, \$/tonne	29 Sep 2021	417.92	0.00%	Sep 2021	417.45
MB-STE-0384	Steel scrap auto bodies, export yard buying price, delivered to yard New York, \$/gross ton	27 Sep 2021	315	0.00%	Sep 2021	317.5
MB-STE-0383	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard New York, \$/gross ton	27 Sep 2021	350	0.00%	Sep 2021	352.5
MB-STE-0382	Steel scrap mixed cast, export yard buying price, delivered to yard New York, \$/gross ton	27 Sep 2021	330	0.00%	Sep 2021	332.5
MB-STE-0385	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard New York, \$/gross ton	27 Sep 2021	345	0.00%	Sep 2021	347.5

### North Carolina/Virginia

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0280	Steel scrap No1 heavy melt, consumer buying price, delivered mill North Carolina/Virginia, \$/gross ton	07 Sep 2021	420	-4.55%	Sep 2021	420
MB-STE-0281	Steel scrap No1 busheling, consumer buying price, delivered mill North Carolina/Virginia, \$/gross ton	07 Sep 2021	540	-8.47%	Sep 2021	540
MB-STE-0283	Steel scrap machine shop turnings, consumer buying price, delivered mill North Carolina/Virginia, \$/gross ton	07 Sep 2021	335	-5.63%	Sep 2021	335
MB-STE-0282	Steel scrap, shredded auto scrap, consumer buying price, delivered mill North Carolina/Virginia, \$/gross ton	07 Sep 2021	440	-4.35%	Sep 2021	440
MB-STE-0284	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill North Carolina/Virginia, \$/gross ton	07 Sep 2021	430	-4.44%	Sep 2021	430

### Philadelphia

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0285	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	400	-5.88%	Sep 2021	400
MB-STE-0386	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Philadelphia, \$/gross ton	27 Sep 2021	335	0.00%	Sep 2021	337.5
MB-STE-0288	Steel scrap No1 busheling, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	530	-7.02%	Sep 2021	530
MB-STE-0286	Steel scrap No1 bundles, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	530	-7.02%	Sep 2021	530
MB-STE-0287	Steel scrap No2 bundles, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	335	-6.94%	Sep 2021	335
MB-STE-0387	Steel scrap No2 bundles, export yard buying price, delivered to yard Philadelphia, \$/gross ton	27 Sep 2021	260	0.00%	Sep 2021	262.5
MB-STE-0290	Steel scrap machine shop turnings, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	315	-7.35%	Sep 2021	315
MB-STE-0289	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	450	-5.26%	Sep 2021	450
MB-STE-0390	Steel scrap auto bodies, export yard buying price, delivered to yard Philadelphia, \$/gross ton	27 Sep 2021	300	0.00%	Sep 2021	302.5

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0297	Steel scrap unstripped motor blocks, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	420	-5.62%	Sep 2021	420
MB-STE-0389	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Philadelphia, \$/gross ton	27 Sep 2021	330	0.00%	Sep 2021	332.5
MB-STE-0295	Steel scrap cupola cast, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	415	-5.68%	Sep 2021	415
MB-STE-0296	Steel scrap clean auto cast, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	410	-9.89%	Sep 2021	410
MB-STE-0298	Steel scrap heavy breakable cast, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	366	-6.39%	Sep 2021	366
MB-STE-0299	Steel scrap drop broken machinery, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	471	-5.04%	Sep 2021	471
MB-STE-0300	Steel scrap rail crops 2ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	535	-4.46%	Sep 2021	535
MB-STE-0301	Steel scrap random rails, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	410	-5.75%	Sep 2021	410
MB-STE-0291	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	525	-4.55%	Sep 2021	525
MB-STE-0292	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	420	-3.45%	Sep 2021	420
MB-STE-0293	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	410	-5.75%	Sep 2021	410
MB-STE-0391	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Philadelphia, \$/gross ton	27 Sep 2021	345	0.00%	Sep 2021	347.5

**Pittsburgh**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0303	Steel scrap No1 heavy melt, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	410	-5.75%	Sep 2021	410
MB-STE-0306	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	590	-7.81%	Sep 2021	590
MB-STE-0304	Steel scrap No1 bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	571	-8.05%	Sep 2021	571
MB-STE-0305	Steel scrap No2 bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	319	-7.27%	Sep 2021	319
MB-STE-0307	Steel scrap No1 industrial bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	597	-7.73%	Sep 2021	597
MB-STE-0321	Steel scrap steel (tin) can bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	330	-7.04%	Sep 2021	330
MB-STE-0309	Steel scrap machine shop turnings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	335	-6.94%	Sep 2021	335
MB-STE-0308	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	460	-5.15%	Sep 2021	460
MB-STE-0310	Steel scrap cast iron borings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	290	-7.94%	Sep 2021	290
MB-STE-0388	Steel scrap mixed cast, export yard buying price, delivered to yard Philadelphia, \$/gross ton	27 Sep 2021	335	0.00%	Sep 2021	337.5
MB-STE-0311	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	465	-5.10%	Sep 2021	465

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0312	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	445	-5.32%	Sep 2021	445
MB-STE-0598	Steel scrap punchings and plate, consumer buying price, delivered mill Pittsburgh, \$/gross ton	08 Sep 2021	792	-5.38%	Sep 2021	792

**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	07 Sep 2021	(22)		Sep 2021	(22)
MB-STE-0411	Steel scrap machine shop turnings, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	07 Sep 2021	(22)		Sep 2021	(22)
MB-STE-0410	Steel scrap shredded auto scrap, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	07 Sep 2021	(21)		Sep 2021	(21)
MB-STE-0412	Steel scrap cut structural/plate 5ft max, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	07 Sep 2021	(22)		Sep 2021	(22)

**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	07 Sep 2021	420	-4.55%	Sep 2021	420
MB-STE-0323	Steel scrap No1 busheling, consumer buying price, delivered mill South Carolina, \$/gross ton	07 Sep 2021	540	-8.47%	Sep 2021	540
MB-STE-0324	Steel scrap shredded auto scrap, consumer buying price, delivered mill South Carolina, \$/gross ton	07 Sep 2021	440	-4.35%	Sep 2021	440
MB-STE-0326	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill South Carolina, \$/gross ton	07 Sep 2021	430	-4.44%	Sep 2021	430
MB-STE-0325	Steel scrap machine shop turnings, consumer buying price, delivered mill South Carolina, \$/gross ton	07 Sep 2021	335	-5.63%	Sep 2021	335

**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	07 Sep 2021	353	-5.36%	Sep 2021	353
MB-STE-0621	Steel scrap No1 heavy melting, broker buying price, fob St Louis, \$/gross ton	08 Sep 2021	385	-4.94%	Sep 2021	385
MB-STE-0622	Steel scrap No2 heavy melting, broker buying price, fob St Louis, \$/gross ton	08 Sep 2021	375	-5.06%	Sep 2021	375
MB-STE-0357	Steel scrap No1 busheling, dealer selling price, fob dealer yard St Louis, \$/gross ton	07 Sep 2021	548	-6.80%	Sep 2021	548
MB-STE-0623	Steel scrap No1 busheling, broker buying price, fob St Louis, \$/gross ton	08 Sep 2021	565	-8.13%	Sep 2021	565
MB-STE-0356	Steel scrap No1 bundles, dealer selling price, fob dealer yard St Louis, \$/gross ton	07 Sep 2021	548	-6.80%	Sep 2021	548
MB-STE-0624	Steel scrap No1 dealer bundles, broker buying price, fob St Louis, \$/gross ton	08 Sep 2021	560	-8.20%	Sep 2021	560
MB-STE-0359	Steel scrap machine shop turnings, dealer selling price, fob dealer yard St Louis, \$/gross ton	07 Sep 2021	225	-8.16%	Sep 2021	225
MB-STE-0627	Steel scrap machine shop turnings, broker buying price, fob St Louis, \$/gross ton	08 Sep 2021	230	-8.00%	Sep 2021	230
MB-STE-0358	Steel scrap shredded auto scrap, dealer selling price, fob dealer yard St Louis, \$/gross ton	07 Sep 2021	396	-4.81%	Sep 2021	396

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0360	Steel scrap cut structural/plate 5ft max, dealer selling price, fob dealer yard St Louis, \$/gross ton	07 Sep 2021	373	-5.09%	Sep 2021	373
MB-STE-0631	Steel scrap plate and structurals 5ft and under, broker buying price, fob St Louis, \$/gross ton	08 Sep 2021	400	-4.76%	Sep 2021	400
MB-STE-0626	Steel scrap shredded scrap, broker buying price, fob St Louis, \$/gross ton	08 Sep 2021	410	-4.65%	Sep 2021	410

**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	01 Oct 2021	430	0.00%	Sep 2021	
MB-STE-0529	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, \$/gross ton, weekly composite	01 Oct 2021	400	0.00%	Sep 2021	
MB-STE-0530	Steel scrap No1 heavy melt, consumer buying price, delivered mill Pittsburgh, \$/gross ton, weekly composite	01 Oct 2021	410	0.00%	Sep 2021	
MB-STE-0531	Steel scrap No1 heavy melt, consumer buying price, delivered mill, \$/gross ton, weekly composite	01 Oct 2021	413.33	0.00%	Sep 2021	
MB-STE-0524	Steel scrap No1 busheling, consumer buying price, delivered mill Chicago, \$/gross ton, weekly composite	01 Oct 2021	580	0.00%	Sep 2021	
MB-STE-0525	Steel scrap No1 busheling, consumer buying price, delivered mill Cleveland, \$/gross ton, weekly composite	01 Oct 2021	620	0.00%	Sep 2021	
MB-STE-0526	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, \$/gross ton, weekly composite	01 Oct 2021	590	0.00%	Sep 2021	
MB-STE-0527	Steel scrap No1 busheling, consumer buying price, delivered mill, \$/gross ton, weekly composite	01 Oct 2021	596.67	0.00%	Sep 2021	
MB-STE-0427	Steel scrap Shredded auto, daily composite, delivered mill US, \$/gross ton	01 Oct 2021	462	0.00%	Sep 2021	464.86
MB-STE-0519	Steel scrap shredded auto scrap, consumer buying price, delivered mill Alabama, \$/gross ton, weekly composite	01 Oct 2021	468	0.00%	Sep 2021	
MB-STE-0520	Steel scrap shredded auto scrap, consumer buying price, delivered mill Chicago, \$/gross ton, weekly composite	01 Oct 2021	470	0.00%	Sep 2021	
MB-STE-0521	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, \$/gross ton, weekly composite	01 Oct 2021	450	0.00%	Sep 2021	
MB-STE-0522	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, \$/gross ton, weekly composite	01 Oct 2021	460	0.00%	Sep 2021	
MB-STE-0523	Steel scrap shredded auto scrap, consumer buying price, delivered mill, \$/gross ton, weekly composite	01 Oct 2021	462	0.00%	Sep 2021	
MB-STE-0426	Steel scrap No1 heavy melt, daily composite, delivered mill US, \$/gross ton	01 Oct 2021	413.33	0.00%	Sep 2021	416.9
MB-STE-0428	Steel scrap No1 busheling, daily composite, delivered mill US, \$/gross ton	01 Oct 2021	596.67	0.00%	Sep 2021	603.81

**US steel scrap shredder feed prices**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0786	Steel scrap shredder feed, fob Ohio Valley, \$/gross ton	27 Sep 2021	201.29	0.00%	Sep 2021	200.37
MB-STE-0787	Steel scrap shredder feed, fob Midwest, \$/gross ton	27 Sep 2021	193.49	0.00%	Sep 2021	196.05
MB-STE-0788	Steel scrap shredder feed, fob Southeast, \$/gross ton	27 Sep 2021	173.09	1.79%	Sep 2021	173.73

**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	28 Sep 2021	21 - 22	0.00%	Sep 2021	21 - 22
MB-ST5-0056	Stainless steel scrap 430 bundles, export yard buying price, delivered to yard Boston, \$/gross ton	28 Sep 2021	470 - 493	0.00%	Sep 2021	470 - 493

**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 Sep 2021	1299 - 1568	0.00%	Sep 2021	1299 - 1568
MB-ST5-0063	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Chicago, US cents/lb	07 Sep 2021	58 - 70	0.00%	Sep 2021	58 - 70
MB-ST5-0190	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, US cents/lb	28 Sep 2021	81 - 85	-1.78%	Sep 2021	83.25 - 85.75
MB-ST5-0068	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, \$/gross ton	28 Sep 2021	1814 - 1904	-1.80%	Sep 2021	1864.75 - 1920.75
MB-ST5-0186	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Chicago, \$/gross ton	07 Sep 2021	1411 - 1725	0.00%	Sep 2021	1411 - 1725
MB-ST5-0064	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Chicago, US cents/lb	07 Sep 2021	63 - 77	0.00%	Sep 2021	63 - 77
MB-ST5-0189	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, US cents/lb	28 Sep 2021	88 - 90	0.00%	Sep 2021	87.5 - 91
MB-ST5-0067	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, \$/gross ton	28 Sep 2021	1971 - 2016	0.00%	Sep 2021	1960 - 2038.25
MB-ST5-0184	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Chicago, \$/gross ton	07 Sep 2021	1411 - 1725	0.00%	Sep 2021	1411 - 1725
MB-ST5-0062	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	07 Sep 2021	63 - 77	0.00%	Sep 2021	63 - 77
MB-ST5-0191	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, US cents/lb	28 Sep 2021	34 - 36	0.00%	Sep 2021	33.25 - 36
MB-ST5-0069	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, \$/gross ton	28 Sep 2021	762 - 806	0.00%	Sep 2021	745 - 806
MB-ST5-0187	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Chicago, \$/gross ton	07 Sep 2021	515 - 627	0.00%	Sep 2021	515 - 627
MB-ST5-0065	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Chicago, US cents/lb	07 Sep 2021	23 - 28	0.00%	Sep 2021	23 - 28
MB-ST5-0192	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Chicago, US cents/lb	28 Sep 2021	28 - 32	-1.64%	Sep 2021	28 - 32.25
MB-ST5-0070	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Chicago, \$/gross ton	28 Sep 2021	627 - 717	-1.61%	Sep 2021	627 - 722.5
MB-ST5-0194	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Chicago, US cents/lb	28 Sep 2021	24 - 27	2.00%	Sep 2021	25 - 27.25
MB-ST5-0072	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Chicago, \$/gross ton	28 Sep 2021	538 - 605	2.05%	Sep 2021	560 - 610.25
MB-ST5-0193	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Chicago, US cents/lb	28 Sep 2021	30 - 32	5.08%	Sep 2021	28.5 - 31.75
MB-ST5-0071	Stainless steel scrap 409 bundles, broker buying price, delivered to processor Chicago, \$/gross ton	28 Sep 2021	672 - 717	5.15%	Sep 2021	638.25 - 711.25
MB-ST5-0183	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Chicago, \$/gross ton	07 Sep 2021	1792 - 2240	0.00%	Sep 2021	1792 - 2240

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0061	Stainless steel scrap 316 solids, dealer buying price, delivered to yard Chicago, US cents/lb	07 Sep 2021	80 - 100	0.00%	Sep 2021	80 - 100
MB-ST5-0066	Stainless steel scrap 316 solids, broker buying price, delivered to processor Chicago, \$/gross ton	28 Sep 2021	2643 - 2688	-1.24%	Sep 2021	2643.25 - 2704.75
MB-ST5-0188	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Chicago, US cents/lb	28 Sep 2021	118 - 120	-1.24%	Sep 2021	118 - 120.75

**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 Sep 2021	896 - 1299	0.00%	Sep 2021	896 - 1299
MB-ST5-0202	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Cleveland, US cents/lb	28 Sep 2021	81 - 85	0.61%	Sep 2021	81.5 - 85.75
MB-ST5-0201	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Cleveland, US cents/lb	28 Sep 2021	88 - 90	1.14%	Sep 2021	86.5 - 91
MB-ST5-0079	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Cleveland, \$/gross ton	28 Sep 2021	1971 - 2016	1.14%	Sep 2021	1937.5 - 2038.25
MB-ST5-0196	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Cleveland, \$/gross	07 Sep 2021	1120 - 1456	0.00%	Sep 2021	1120 - 1456
MB-ST5-0074	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Cleveland, US cents/lb	07 Sep 2021	50 - 65	0.00%	Sep 2021	50 - 65
MB-ST5-0075	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Cleveland, US cents/lb	07 Sep 2021	40 - 58	0.00%	Sep 2021	40 - 58
MB-ST5-0080	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Cleveland, \$/gross ton	28 Sep 2021	1814 - 1904	0.60%	Sep 2021	1825.5 - 1920.75
MB-ST5-0198	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Cleveland, \$/gross	07 Sep 2021	1120 - 1456	0.00%	Sep 2021	1120 - 1456
MB-ST5-0076	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Cleveland, US cents/lb	07 Sep 2021	50 - 65	0.00%	Sep 2021	50 - 65
MB-ST5-0199	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Cleveland, \$/gross	07 Sep 2021	381 - 560	0.00%	Sep 2021	381 - 560
MB-ST5-0077	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Cleveland, US cents/lb	07 Sep 2021	17 - 25	0.00%	Sep 2021	17 - 25
MB-ST5-0195	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Cleveland, \$/gross	07 Sep 2021	1344 - 1904	0.00%	Sep 2021	1344 - 1904
MB-ST5-0200	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Cleveland, US cents/lb	28 Sep 2021	118 - 120	-0.42%	Sep 2021	117.5 - 120.75
MB-ST5-0078	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Cleveland, \$/gross ton	28 Sep 2021	2643 - 2688	-0.41%	Sep 2021	2632 - 2704.75
MB-ST5-0073	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Cleveland, US cents/lb	07 Sep 2021	60 - 85	0.00%	Sep 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 Sep 2021	1120 - 1299	0.00%	Sep 2021	1120 - 1299
MB-ST5-0083	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Detroit, US cents/lb	07 Sep 2021	50 - 58	0.00%	Sep 2021	50 - 58

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0210	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, US cents/lb	28 Sep 2021	81 - 85	-1.19%	Sep 2021	82.25 - 85.75
MB-ST5-0088	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, \$/gross ton	28 Sep 2021	1814 - 1904	-1.20%	Sep 2021	1842.25 - 1920.75
MB-ST5-0206	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Detroit, \$/gross ton	07 Sep 2021	1210 - 1456	0.00%	Sep 2021	1210 - 1456
MB-ST5-0084	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Detroit, US cents/lb	07 Sep 2021	54 - 65	0.00%	Sep 2021	54 - 65
MB-ST5-0209	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, US cents/lb	28 Sep 2021	88 - 90	0.00%	Sep 2021	87.5 - 91
MB-ST5-0087	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, \$/gross ton	28 Sep 2021	1971 - 2016	0.00%	Sep 2021	1960 - 2038.25
MB-ST5-0204	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Detroit, \$/gross ton	07 Sep 2021	1210 - 1456	0.00%	Sep 2021	1210 - 1456
MB-ST5-0082	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	07 Sep 2021	54 - 65	0.00%	Sep 2021	54 - 65
MB-ST5-0207	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Detroit, \$/gross ton	07 Sep 2021	515 - 560	0.00%	Sep 2021	515 - 560
MB-ST5-0085	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Detroit, US cents/lb	07 Sep 2021	23 - 25	0.00%	Sep 2021	23 - 25
MB-ST5-0211	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Detroit, US cents/lb	28 Sep 2021	35 - 36	0.00%	Sep 2021	35 - 36
MB-ST5-0089	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Detroit, \$/gross ton	28 Sep 2021	784 - 806	0.00%	Sep 2021	784 - 806
MB-ST5-0212	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Detroit, US cents/lb	28 Sep 2021	30 - 32	1.64%	Sep 2021	29.75 - 31.75
MB-ST5-0213	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Detroit, US cents/lb	28 Sep 2021	26 - 27	3.92%	Sep 2021	25.25 - 27.25
MB-ST5-0091	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Detroit, \$/gross ton	28 Sep 2021	582 - 605	3.94%	Sep 2021	565.5 - 610.25
MB-ST5-0090	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Detroit, \$/gross ton	28 Sep 2021	672 - 717	1.68%	Sep 2021	666.5 - 711.25
MB-ST5-0208	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Detroit, US cents/lb	28 Sep 2021	118 - 120	-1.24%	Sep 2021	118 - 120.75
MB-ST5-0086	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Detroit, \$/gross ton	28 Sep 2021	2643 - 2688	-1.24%	Sep 2021	2643.25 - 2704.75
MB-ST5-0203	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Detroit, \$/gross ton	07 Sep 2021	1613 - 1882	0.00%	Sep 2021	1613 - 1882
MB-ST5-0081	Stainless steel scrap 316 solids, dealer buying price, delivered to yard Detroit, US cents/lb	07 Sep 2021	72 - 84	0.00%	Sep 2021	72 - 84

**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 Sep 2021	1411 - 1613	0.00%	Sep 2021	1411 - 1613
MB-ST5-0287	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard East Coast, US cents/lb	07 Sep 2021	63 - 72	0.00%	Sep 2021	63 - 72
MB-ST5-0295	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard East Coast, \$/gross ton	07 Sep 2021	1456 - 1613	0.00%	Sep 2021	1456 - 1613

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0285	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard East Coast, US cents/lb	07 Sep 2021	65 - 72	0.00%	Sep 2021	65 - 72
MB-ST5-0286	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard East Coast, US cents/lb	07 Sep 2021	57 - 62	0.00%	Sep 2021	57 - 62
MB-ST5-0296	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard East Coast, \$/gross ton	07 Sep 2021	1277 - 1389	0.00%	Sep 2021	1277 - 1389
MB-ST5-0298	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard East Coast, \$/gross ton	07 Sep 2021	470 - 582	0.00%	Sep 2021	470 - 582
MB-ST5-0288	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard East Coast, US cents/lb	07 Sep 2021	21 - 26	0.00%	Sep 2021	21 - 26
MB-ST5-0294	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard East Coast, \$/gross ton	07 Sep 2021	1792 - 1971	0.00%	Sep 2021	1792 - 1971
MB-ST5-0284	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard East Coast, US cents/lb	07 Sep 2021	80 - 88	0.00%	Sep 2021	80 - 88

### 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	28 Sep 2021	87 - 90	1.14%	Sep 2021	87.5 - 89.25
MB-ST5-0096	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Houston, \$/gross ton	28 Sep 2021	1949 - 2016	1.15%	Sep 2021	1960.25 - 1999.25
MB-ST5-0215	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Houston, \$/gross ton	07 Sep 2021	1254 - 1344	0.00%	Sep 2021	1254 - 1344
MB-ST5-0093	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	07 Sep 2021	56 - 60	0.00%	Sep 2021	56 - 60
MB-ST5-0219	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Houston, US cents/lb	28 Sep 2021	82 - 85	2.45%	Sep 2021	82.5 - 84.25
MB-ST5-0097	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Houston, \$/gross ton	28 Sep 2021	1837 - 1904	2.47%	Sep 2021	1848 - 1887.25
MB-ST5-0216	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Houston, \$/gross ton	07 Sep 2021	986 - 1254	0.00%	Sep 2021	986 - 1254
MB-ST5-0094	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Houston, US cents/lb	07 Sep 2021	44 - 56	0.00%	Sep 2021	44 - 56
MB-ST5-0220	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Houston, US cents/lb	28 Sep 2021	28 - 29	0.00%	Sep 2021	28.5 - 29.5
MB-ST5-0098	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Houston, \$/gross ton	28 Sep 2021	627 - 650	0.00%	Sep 2021	638.5 - 661
MB-ST5-0221	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Houston, US cents/lb	28 Sep 2021	22 - 23	0.00%	Sep 2021	22.5 - 23.5
MB-ST5-0099	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Houston, \$/gross ton	28 Sep 2021	493 - 515	0.00%	Sep 2021	504 - 526.5
MB-ST5-0214	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Houston, \$/gross ton	07 Sep 2021	1702 - 1792	0.00%	Sep 2021	1702 - 1792
MB-ST5-0092	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	07 Sep 2021	76 - 80	0.00%	Sep 2021	76 - 80
MB-ST5-0217	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Houston, US cents/lb	28 Sep 2021	118 - 120	0.00%	Sep 2021	118 - 119.75
MB-ST5-0095	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Houston, \$/gross ton	28 Sep 2021	2643 - 2688	0.00%	Sep 2021	2643 - 2682.25

**Los Angeles stainless steel scrap**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0227	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Los Angeles, US cents/lb	28 Sep 2021	49.11 - 51.34	-2.16%	Sep 2021	50.5 - 52.74
MB-ST5-0105	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Los Angeles, \$/gross ton	28 Sep 2021	1100 - 1150	-2.17%	Sep 2021	1131.25 - 1181.25
MB-ST5-0226	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Los Angeles, US cents/lb	28 Sep 2021	70.31 - 71.43	-1.56%	Sep 2021	71.71 - 72.83
MB-ST5-0104	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Los Angeles, \$/gross ton	28 Sep 2021	1575 - 1600	-1.55%	Sep 2021	1606.25 - 1631.25
MB-ST5-0228	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Los Angeles, US cents/lb	28 Sep 2021	13.84 - 14.73	-3.05%	Sep 2021	14.18 - 15.01
MB-ST5-0106	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Los Angeles, \$/gross ton	28 Sep 2021	310 - 330	-3.03%	Sep 2021	317.5 - 336.25

**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 Sep 2021	1747 - 2240	0.00%	Sep 2021	1747 - 2240
MB-ST5-0253	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Montreal, Canadian \$/gross ton	07 Sep 2021	1971 - 2464	0.00%	Sep 2021	1971 - 2464
MB-ST5-0131	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	07 Sep 2021	88 - 110	0.00%	Sep 2021	88 - 110
MB-ST5-0130	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	07 Sep 2021	78 - 100	0.00%	Sep 2021	78 - 100
MB-ST5-0129	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	07 Sep 2021	88 - 110	0.00%	Sep 2021	88 - 110
MB-ST5-0251	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Montreal, Canadian \$/gross ton	07 Sep 2021	1971 - 2464	0.00%	Sep 2021	1971 - 2464
MB-ST5-0128	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	07 Sep 2021	115 - 140	0.00%	Sep 2021	115 - 140
MB-ST5-0250	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Montreal, Canadian \$/gross ton	07 Sep 2021	2576 - 3136	0.00%	Sep 2021	2576 - 3136

**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	28 Sep 2021	81 - 85	-1.78%	Sep 2021	82.5 - 85.5
MB-ST5-0114	Stainless steel scrap 304 turnings, broker buying price, delivered to processor New York, \$/gross ton	28 Sep 2021	1814 - 1904	-1.80%	Sep 2021	1848 - 1915.25
MB-ST5-0116	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, \$/gross ton	28 Sep 2021	1299 - 1322	0.00%	Sep 2021	1299 - 1322
MB-ST5-0238	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, US cents/lb	28 Sep 2021	58 - 59	0.00%	Sep 2021	58 - 59
MB-ST5-0235	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor New York, US cents/lb	28 Sep 2021	88 - 90	-0.28%	Sep 2021	87.5 - 91.25

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0113	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor New York, \$/gross ton	28 Sep 2021	1971 - 2016	-0.30%	Sep 2021	1960 - 2044.25
MB-ST5-0237	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, US cents/lb	28 Sep 2021	93 - 94	0.81%	Sep 2021	92.63 - 93.75
MB-ST5-0115	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, \$/gross ton	28 Sep 2021	2083 - 2106	0.79%	Sep 2021	2074.75 - 2100
MB-ST5-0239	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, US cents/lb	28 Sep 2021	21 - 22	0.00%	Sep 2021	21 - 22
MB-ST5-0117	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, \$/gross ton	28 Sep 2021	470 - 493	0.00%	Sep 2021	470 - 493
MB-ST5-0234	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor New York, US cents/lb	28 Sep 2021	118 - 120	-1.24%	Sep 2021	118 - 120.75
MB-ST5-0112	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor New York, \$/gross ton	28 Sep 2021	2643 - 2688	-1.24%	Sep 2021	2643.25 - 2704.75

### 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	28 Sep 2021	58 - 59	0.00%	Sep 2021	58 - 59
MB-ST5-0119	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Philadelphia, \$/gross ton	28 Sep 2021	1299 - 1322	0.00%	Sep 2021	1299 - 1322
MB-ST5-0240	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Philadelphia, US cents/lb	28 Sep 2021	93 - 94	0.81%	Sep 2021	92.63 - 93.75
MB-ST5-0118	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Philadelphia, \$/gross ton	28 Sep 2021	2083 - 2106	0.79%	Sep 2021	2074.75 - 2100
MB-ST5-0242	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Philadelphia, US cents/lb	28 Sep 2021	21 - 22	0.00%	Sep 2021	21 - 22
MB-ST5-0120	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Philadelphia, \$/gross ton	28 Sep 2021	470 - 493	0.00%	Sep 2021	470 - 493

### 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 Sep 2021	45 - 58	0.00%	Sep 2021	45 - 58
MB-ST5-0164	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	07 Sep 2021	1008 - 1299	0.00%	Sep 2021	1008 - 1299
MB-ST5-0169	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	28 Sep 2021	81 - 85	0.61%	Sep 2021	80.5 - 85.75
MB-ST5-0047	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, \$/gross ton	28 Sep 2021	1814 - 1904	0.60%	Sep 2021	1803 - 1920.75
MB-ST5-0256	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Sep 2021	74.5 - 80	0.00%	Sep 2021	74.5 - 80
MB-ST5-0134	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Sep 2021	1669 - 1792	0.00%	Sep 2021	1669 - 1792
MB-ST5-0168	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, US cents/lb	28 Sep 2021	88 - 90	1.14%	Sep 2021	86.5 - 91
MB-ST5-0255	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Sep 2021	81 - 85	0.00%	Sep 2021	81 - 85

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0163	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	07 Sep 2021	1232 - 1456	0.00%	Sep 2021	1232 - 1456
MB-ST5-0041	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	07 Sep 2021	55 - 65	0.00%	Sep 2021	55 - 65
MB-ST5-0046	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, \$/gross ton	28 Sep 2021	1971 - 2016	<b>1.14%</b>	Sep 2021	1937.5 - 2038.25
MB-ST5-0133	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Sep 2021	1814 - 1904	0.00%	Sep 2021	1814 - 1904
MB-ST5-0165	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	07 Sep 2021	1232 - 1456	0.00%	Sep 2021	1232 - 1456
MB-ST5-0043	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	07 Sep 2021	55 - 65	0.00%	Sep 2021	55 - 65
MB-ST5-0171	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	28 Sep 2021	30 - 32	<b>6.90%</b>	Sep 2021	27.5 - 32.5
MB-ST5-0049	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Pittsburgh, \$/gross ton	28 Sep 2021	672 - 717	<b>6.93%</b>	Sep 2021	616 - 728
MB-ST5-0257	Stainless steel scrap 430 bundles, solids, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Sep 2021	32.81 - 33.71	<b>-1.33%</b>	Sep 2021	32.81 - 33.71
MB-ST5-0170	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, US cents/lb	28 Sep 2021	35 - 36	<b>9.23%</b>	Sep 2021	30.5 - 36
MB-ST5-0048	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, \$/gross ton	28 Sep 2021	784 - 806	<b>9.20%</b>	Sep 2021	683.5 - 806
MB-ST5-0135	Stainless steel scrap 430 bundles, solids, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Sep 2021	735 - 755	<b>-1.32%</b>	Sep 2021	735 - 755
MB-ST5-0166	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	07 Sep 2021	336 - 560	0.00%	Sep 2021	336 - 560
MB-ST5-0044	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	07 Sep 2021	15 - 25	0.00%	Sep 2021	15 - 25
MB-ST5-0172	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Pittsburgh, US cents/lb	28 Sep 2021	30 - 32	<b>8.77%</b>	Sep 2021	27.75 - 31.75
MB-ST5-0258	Stainless steel scrap 409 bundles, solids, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Sep 2021	28.35 - 28.57	<b>-1.56%</b>	Sep 2021	28.35 - 28.57
MB-ST5-0136	Stainless steel scrap 409 bundles, solids, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Sep 2021	635 - 640	<b>-1.54%</b>	Sep 2021	635 - 640
MB-ST5-0173	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	28 Sep 2021	25 - 27	<b>8.33%</b>	Sep 2021	24.5 - 27.25
MB-ST5-0050	Stainless steel scrap 409 bundles, broker buying price, delivered to processor Pittsburgh, \$/gross ton	28 Sep 2021	672 - 717	<b>8.86%</b>	Sep 2021	621.5 - 711.25
MB-ST5-0051	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Pittsburgh, \$/gross ton	28 Sep 2021	560 - 605	<b>8.37%</b>	Sep 2021	548.75 - 610.25
MB-ST5-0167	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Pittsburgh, US cents/lb	28 Sep 2021	118 - 120	<b>0.42%</b>	Sep 2021	116.5 - 120.75
MB-ST5-0254	Stainless steel scrap 316 solids, clips, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Sep 2021	120 - 128	0.00%	Sep 2021	120 - 128
MB-ST5-0162	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Pittsburgh, \$/gross ton	07 Sep 2021	1568 - 1882	0.00%	Sep 2021	1568 - 1882
MB-ST5-0040	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	07 Sep 2021	70 - 84	0.00%	Sep 2021	70 - 84
MB-ST5-0132	Stainless steel scrap 316 solids, clips, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Sep 2021	2688 - 2867	0.00%	Sep 2021	2688 - 2867

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0045	Stainless steel scrap 316 solids, broker buying price, delivered to processor Pittsburgh, \$/gross ton	28 Sep 2021	2643 - 2688	<b>0.43%</b>	Sep 2021	2609.5 - 2704.75

**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	28 Sep 2021	49.11 - 51.43	<b>-2.08%</b>	Sep 2021	50.5 - 52.76
MB-ST5-0126	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard San Francisco, \$/gross ton	28 Sep 2021	1100 - 1152	<b>-2.09%</b>	Sep 2021	1131.25 - 1181.75
MB-ST5-0247	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard San Francisco, US cents/lb	28 Sep 2021	70.11 - 71.43	<b>-1.69%</b>	Sep 2021	71.66 - 72.83
MB-ST5-0125	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard San Francisco, \$/gross ton	28 Sep 2021	1570 - 1600	<b>-1.71%</b>	Sep 2021	1605 - 1631.25
MB-ST5-0249	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard San Francisco, US cents/lb	28 Sep 2021	13.84 - 14.73	<b>-3.05%</b>	Sep 2021	14.18 - 15.01
MB-ST5-0127	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard San Francisco, \$/gross ton	28 Sep 2021	310 - 330	<b>-3.03%</b>	Sep 2021	317.5 - 336.25

**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	28 Sep 2021	80 - 85	<b>-2.37%</b>	Sep 2021	82.25 - 85.75
MB-ST5-0139	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Southeast US, \$/gross ton	28 Sep 2021	1792 - 1904	<b>-2.38%</b>	Sep 2021	1842.5 - 1920.75
MB-ST5-0147	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Southeast US, US cents/lb	07 Sep 2021	38 - 58	0.00%	Sep 2021	38 - 58
MB-ST5-0159	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Southeast US, \$/gross ton	07 Sep 2021	851 - 1299	0.00%	Sep 2021	851 - 1299
MB-ST5-0138	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Southeast US, \$/gross ton	28 Sep 2021	1949 - 2016	<b>-0.55%</b>	Sep 2021	1949 - 2038.25
MB-ST5-0150	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Southeast US, US cents/lb	28 Sep 2021	87 - 90	<b>-0.56%</b>	Sep 2021	87 - 91
MB-ST5-0158	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Southeast US, \$/gross ton	07 Sep 2021	1120 - 1456	0.00%	Sep 2021	1120 - 1456
MB-ST5-0146	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Southeast US, US cents/lb	07 Sep 2021	50 - 65	0.00%	Sep 2021	50 - 65
MB-ST5-0145	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Southeast US, US cents/lb	07 Sep 2021	50 - 65	0.00%	Sep 2021	50 - 65
MB-ST5-0157	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Southeast US, \$/gross ton	07 Sep 2021	1120 - 1456	0.00%	Sep 2021	1120 - 1456
MB-ST5-0161	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Southeast US, \$/gross ton	07 Sep 2021	403 - 560	0.00%	Sep 2021	403 - 560
MB-ST5-0155	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Southeast US, US cents/lb	28 Sep 2021	32 - 36	<b>1.49%</b>	Sep 2021	32.75 - 35.75
MB-ST5-0143	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Southeast US, \$/gross ton	28 Sep 2021	717 - 806	<b>1.47%</b>	Sep 2021	733.75 - 800.5
MB-ST5-0144	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Southeast US, \$/gross ton	28 Sep 2021	560 - 717	<b>-1.69%</b>	Sep 2021	593.5 - 728

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0156	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	28 Sep 2021	25 - 32	-1.72%	Sep 2021	26.5 - 32.5
MB-ST5-0149	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Southeast US, US cents/lb	07 Sep 2021	18 - 25	0.00%	Sep 2021	18 - 25
MB-ST5-0154	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	28 Sep 2021	20 - 27	2.17%	Sep 2021	21.25 - 27.25
MB-ST5-0142	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Southeast US, \$/gross ton	28 Sep 2021	448 - 605	2.23%	Sep 2021	476 - 610.25
MB-ST5-0141	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Southeast US, \$/gross ton	28 Sep 2021	627 - 717	-1.61%	Sep 2021	649.75 - 716.75
MB-ST5-0153	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Southeast US, US cents/lb	28 Sep 2021	28 - 32	-1.64%	Sep 2021	29 - 32
MB-ST5-0160	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Southeast US, \$/gross ton	07 Sep 2021	1568 - 1882	0.00%	Sep 2021	1568 - 1882
MB-ST5-0148	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Southeast US, US cents/lb	07 Sep 2021	70 - 84	0.00%	Sep 2021	70 - 84
MB-ST5-0152	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Southeast US, US cents/lb	28 Sep 2021	118 - 120	-1.24%	Sep 2021	118 - 120.75
MB-ST5-0140	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Southeast US, \$/gross ton	28 Sep 2021	2643 - 2688	-1.24%	Sep 2021	2643.25 - 2704.75

**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 Sep 2021	650 - 694	0.00%	Sep 2021	650 - 694
MB-ST5-0291	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard West Coast, US cents/lb	07 Sep 2021	29 - 31	0.00%	Sep 2021	29 - 31
MB-ST5-0302	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard West Coast, \$/gross ton	07 Sep 2021	1008 - 1075	0.00%	Sep 2021	1008 - 1075
MB-ST5-0292	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard West Coast, US cents/lb	07 Sep 2021	45 - 48	0.00%	Sep 2021	45 - 48
MB-ST5-0300	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard West Coast, \$/gross ton	07 Sep 2021	1008 - 1075	0.00%	Sep 2021	1008 - 1075
MB-ST5-0290	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard West Coast, US cents/lb	07 Sep 2021	45 - 48	0.00%	Sep 2021	45 - 48
MB-ST5-0299	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard West Coast, \$/gross ton	07 Sep 2021	1344 - 1389	0.00%	Sep 2021	1344 - 1389
MB-ST5-0289	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard West Coast, US cents/lb	07 Sep 2021	60 - 62	0.00%	Sep 2021	60 - 62

**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	14 Sep 2021	265 - 280	-5.22%	Sep 2021	265 - 280
MB-STE-0432	Steel scrap 12 A/C new production heavy steel domestic, delivered consumer UK, £/tonne	14 Sep 2021	260 - 275	-5.31%	Sep 2021	260 - 275
MB-STE-0430	Steel scrap 7B heavy steel turnings inter-merchant, delivered to export dock UK, £/tonne	14 Sep 2021	190 - 205	-7.06%	Sep 2021	190 - 205

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0081	Steel scrap 4C new steel bales domestic, delivered consumer UK, £/tonne	14 Sep 2021	255 - 270	-5.41%	Sep 2021	255 - 270
MB-STE-0087	Steel scrap OA plate and structural domestic, delivered consumer UK, £/tonne	14 Sep 2021	230 - 245	-5.94%	Sep 2021	230 - 245
MB-STE-0080	Steel scrap 4A new steel bales domestic, delivered consumer UK, £/tonne	14 Sep 2021	265 - 280	-5.22%	Sep 2021	265 - 280
MB-STE-0084	Steel scrap 8B new loose light cuttings domestic, delivered consumer UK, £/tonne	14 Sep 2021	240 - 255	-5.71%	Sep 2021	240 - 255
MB-STE-0085	Steel scrap 9A/10 heavy and light cast iron domestic, delivered consumer UK, £/tonne	14 Sep 2021	220 - 235	-6.19%	Sep 2021	220 - 235
MB-STE-0078	Steel scrap 11A cast iron borings (low P) domestic, delivered consumer UK, £/tonne	14 Sep 2021	180 - 190	-7.50%	Sep 2021	180 - 190
MB-STE-0086	Steel scrap 9B/C cylinder block scrap domestic, delivered consumer UK, £/tonne	14 Sep 2021	240 - 255	-5.71%	Sep 2021	240 - 255
MB-STE-0083	Steel scrap 8A new loose light cuttings domestic, delivered consumer UK, £/tonne	14 Sep 2021	255 - 270	-5.41%	Sep 2021	255 - 270
MB-STE-0077	Steel scrap 1&2 old steel domestic, delivered consumer UK, £/tonne	14 Sep 2021	210 - 225	-6.45%	Sep 2021	210 - 225
MB-ST5-0012	Steel scrap 5C loose old light domestic, delivered inter-merchant UK, £/tonne	01 Oct 2021	170 - 190	0.00%	Sep 2021	170 - 187.5
MB-STE-0167	Steel scrap No E3 (old thick scrap) domestic, delivered mill Italy, €/tonne	14 Sep 2021	380 - 410	-9.20%	Sep 2021	380 - 410
MB-STE-0169	Steel scrap No E3 (old thick steel scrap) domestic, delivered mill Germany, €/tonne	15 Sep 2021	390 - 400	-5.95%	Sep 2021	390 - 400
MB-STE-0093	Steel scrap auto bundle scrap domestic, delivered Turkey, lira/tonne	27 Sep 2021	3640 - 4185	0.00%	Sep 2021	3640 - 4205
MB-STE-0415	Steel scrap E8 thin new production steel domestic, delivered consumer Germany, €/tonne	15 Sep 2021	450 - 470	-5.15%	Sep 2021	450 - 470
MB-STE-0168	Steel scrap No E8 (thin new production steel scrap) domestic, delivered mill Italy, €/tonne	14 Sep 2021	450 - 460	-5.21%	Sep 2021	450 - 460
MB-STE-0414	Steel scrap E40 shredded domestic, delivered consumer Germany, €/tonne	15 Sep 2021	395 - 410	-9.04%	Sep 2021	395 - 410
MB-STE-0849	Steel scrap E40 shredded, delivered to mill Italy, €/tonne	14 Sep 2021	430 - 450	-4.35%	Sep 2021	430 - 450

**Europe export**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0095	Steel scrap shredded import, cfr delivered Turkish port, \$/tonne	01 Oct 2021	450 - 458	0.55%	Sep 2021	452 - 460.25
MB-STE-0096	Steel scrap HMS 1&2 (75:25 mix) import, cfr delivered Turkish port, \$/tonne	01 Oct 2021	421 - 430	1.55%	Sep 2021	426.75 - 429.25
MB-STE-0097	Steel scrap HMS 1&2 (75:25 mix) export, fob Rotterdam, \$/tonne	01 Oct 2021	381 - 390	1.72%	Sep 2021	386.75 - 389.25
MB-STE-0098	Steel scrap shredded export, fob Rotterdam, \$/tonne	01 Oct 2021	409 - 410	2.63%	Sep 2021	407.5 - 409.25
MB-STE-0099	Steel scrap shredded export, fob main port UK, \$/tonne	01 Oct 2021	406 - 415	9.18%	Sep 2021	406.75 - 409.25
MB-STE-0100	Steel scrap HMS 1&2 (80:20 mix) export, fob main port UK, \$/tonne	01 Oct 2021	391 - 400	-2.59%	Sep 2021	401.75 - 429.25
MB-STE-0416	Steel scrap HMS 1&2 (80:20 mix) North Europe origin, cfr Turkey, \$/tonne	01 Oct 2021	434.01	0.99%	Sep 2021	435.19
MB-STE-0894	Steel scrap, HMS 1&2 (80:20 mix), month-to-date deal-weighted average, North Europe origin, cfr Turkey, \$/tonne	01 Oct 2021	435.79	-0.48%	Sep 2021	443.29
MB-STE-0417	Steel scrap HMS 1&2 (80:20 mix) US origin, cfr Turkey, \$/tonne	01 Oct 2021	440.69	1.24%	Sep 2021	440.97
MB-STE-0420	Steel scrap HMS 1&2 (80:20 mix), fob Rotterdam, \$/tonne	01 Oct 2021	388.9	-1.19%	Sep 2021	397.3

**European stainless steel scrap**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0008	Stainless steel scrap 18/8 solids import, cif main European port, €/tonne	01 Oct 2021	1650 - 1670	-1.78%	Sep 2021	1660 - 1697.5
MB-ST5-0011	Stainless steel scrap 18/8 turnings domestic, delivered merchants UK, £/tonne	01 Oct 2021	1130 - 1175	-3.56%	Sep 2021	1170 - 1256.25
MB-ST5-0010	Stainless steel scrap 18/8 solids domestic, delivered merchants UK, £/tonne	01 Oct 2021	1300 - 1350	-1.85%	Sep 2021	1345 - 1407.5
MB-ST5-0009	Stainless steel scrap 18/8 turnings import, cif main European port, €/tonne	01 Oct 2021	1485 - 1505	-1.81%	Sep 2021	1495 - 1527.5
MB-ST5-0013	Stainless steel scrap 12-13% Cr solids domestic, delivered merchants UK, £/tonne	01 Oct 2021	350 - 370	0.00%	Sep 2021	350 - 370
MB-ST5-0014	Stainless steel scrap 16-17% Cr solids domestic, delivered merchants UK, £/tonne	01 Oct 2021	390 - 410	0.00%	Sep 2021	390 - 410
MB-ST5-0261	Stainless steel scrap 316 solids import, cif main port Europe, €/tonne	01 Oct 2021	2370 - 2420	-1.03%	Sep 2021	2360 - 2435
MB-ST5-0262	Stainless steel scrap 316 turnings import, cif main port Europe, €/tonne	01 Oct 2021	2135 - 2180	-1.03%	Sep 2021	2125 - 2192.5
MB-ST5-0260	Stainless steel scrap 316 turnings domestic, delivered merchants UK, £/tonne	01 Oct 2021	1695 - 1740	-2.00%	Sep 2021	1700 - 1768.75
MB-ST5-0259	Stainless steel scrap 316 solids domestic, delivered merchants UK, £/tonne	01 Oct 2021	1950 - 2000	-1.00%	Sep 2021	1955 - 2015

**Asia domestic and export**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0149	Steel scrap heavy scrap domestic, delivered mill China, yuan/tonne	30 Sep 2021	3690 - 3770	1.36%	Sep 2021	3684 - 3756
MB-STE-0889	Steel scrap, index, heavy recycled steel materials, cfr east China, \$/tonne	30 Sep 2021	519.69	0.24%	Sep 2021	522.86
MB-STE-0895	Steel scrap, index, heavy recycled steel materials, cfr north China, \$/tonne	30 Sep 2021	529.69	0.24%	Sep 2021	532.86
MB-STE-0464	Steel scrap HMS 1&2 (80:20 mix) US material import, cfr main port Taiwan, \$/tonne	01 Oct 2021	460	0.00%	Sep 2021	456.23 - 457
MB-STE-0874	Steel scrap H2 export, fob main port Japan, ¥/tonne	29 Sep 2021	48000 - 49000	1.04%	Sep 2021	46000 - 47600
MB-STE-0875	Steel scrap shredded export, fob main port Japan, ¥/tonne	29 Sep 2021	58000 - 59000	0.86%	Sep 2021	56100 - 57700
MB-STE-0876	Steel scrap Shindachi export, fob main port Japan, ¥/tonne	29 Sep 2021	63000 - 64500	0.00%	Sep 2021	62800 - 64000
MB-STE-0877	Steel scrap heavy scrap (HS) export, fob main port Japan, ¥/tonne	29 Sep 2021	60000 - 61000	0.83%	Sep 2021	58200 - 60000
MB-STE-0878	Steel scrap H2 Japan-origin import, cfr Vietnam, \$/tonne	01 Oct 2021	498 - 500	2.36%	Sep 2021	473.75 - 478.75
MB-STE-0783	Steel scrap HMS 1&2 (80:20), cfr Vietnam, \$/tonne	01 Oct 2021	515 - 520	0.98%	Sep 2021	495 - 503.75
MB-STE-0879	Steel scrap H2 Japan origin import, cfr main port South Korea, ¥/tonne	01 Oct 2021	52500 - 53500	2.42%	Sep 2021	49625 - 50875
MB-STE-0880	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr South Korea, \$/tonne	01 Oct 2021	500 - 510	0.50%	Sep 2021	
MB-STE-0421	Steel scrap shredded, index, import, cfr Nhava Sheva, India \$/tonne	01 Oct 2021	515.25	0.42%	Sep 2021	517.78
MB-STE-0413	Steel scrap HMS 1&2 (80:20 mix) import, cfr Nhava Sheva, India, \$/tonne	01 Oct 2021	460 - 480	3.87%	Sep 2021	445 - 465
MB-STE-0881	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr Bangladesh, \$/tonne	30 Sep 2021	515 - 520	0.00%	Sep 2021	511 - 517
MB-STE-0884	Steel scrap HMS 1&2 (80:20) containerized import, cfr Bangladesh, \$/tonne	30 Sep 2021	492 - 500	-0.30%	Sep 2021	495.8 - 505
MB-STE-0885	Steel scrap shredded containerized import, cfr Bangladesh, \$/tonne	30 Sep 2021	535 - 540	0.00%	Sep 2021	536 - 542
MB-STE-0886	Steel scrap shredded deep-sea origin import, cfr Bangladesh, \$/tonne	30 Sep 2021	525 - 530	0.00%	Sep 2021	521 - 528
MB-STE-0887	Steel scrap shredded, index, import, cfr Port Qasim, Pakistan \$/tonne	01 Oct 2021	508.69	-2.24%	Sep 2021	525.65

## Coking coal/coke markets

Source: [dashboard.fastmarkets.com/m/00000021-0000-4000-8000-000000000000](https://dashboard.fastmarkets.com/m/00000021-0000-4000-8000-000000000000)

### Coking coal/coke/PCI news

## Price notice: September monthly averages

By Fastmarkets MB staff - Friday 01 October

**Due to a technical error, the September monthly averages for the following prices were noted as being for October rather than September.**

MB-STE-0009 - Steel galvanized coil 1mm export, fob main port China, \$/tonne  
MB-STE-0141 - Steel billet import, cfr Manila, \$/tonne  
MB-STE-0144 - Steel hot-rolled coil index export, fob main port China, \$/tonne  
MB-STE-0145 - Steel cold-rolled coil export, fob China main port, \$/tonne  
MB-STE-0147 - Steel reinforcing bar (rebar) index export, fob China main port, \$/tonne  
MB-STS-0018 - Stainless steel cold-rolled coil, Asia grade 304 (2mm 2B), cif East Asian port, \$/tonne  
MB-IRO-0008 - Iron ore 62% Fe fines, cfr Qingdao, \$/tonne  
MB-IRO-0009 - Iron ore 65% Fe Brazil-origin fines, cfr Qingdao, \$/tonne  
MB-IRO-0010 - Iron ore 63% Fe Australia-origin lump ore premium, cfr Qingdao, US cents/dmtu  
MB-IRO-0011 - Iron ore 62% Fe fines, fob Qingdao, yuan/wet tonne  
MB-IRO-0012 - Iron ore 65% Fe blast furnace pellet, cfr Qingdao, \$/tonne  
MB-IRO-0013 - Iron ore 66% Fe concentrate, cfr Qingdao, \$/tonne  
MB-COA-0002 - Hard coking coal, cfr Jingtang, \$/dmt  
MB-COA-0003 - Premium hard coking coal, fob DBCT, \$/dmt  
MB-COA-0004 - Hard coking coal, fob DBCT, \$/dmt  
MB-COA-0005 - Premium hard coking coal, cfr Jingtang, \$/dmt  
MB-IRO-0015 - Iron ore 58% Fe fines, cfr Qingdao, \$/tonne  
MB-IRO-0016 - Iron ore 58% Fe fines high-grade premium, cfr Qingdao, \$/tonne  
MB-IRO-0017 - Iron ore 58% Fe fines high-grade premium index, cfr Qingdao, \$/tonne  
MB-IRO-0018 - Iron ore 62% Fe fines, % Fe VIU, cfr Qingdao, \$/tonne  
MB-IRO-0019 - Iron ore 65% Fe fines, % Fe VIU, cfr Qingdao, \$/tonne  
MB-IRO-0020 - Iron ore 62% Fe fines, % Si VIU, cfr Qingdao, \$/tonne  
MB-IRO-0021 - Iron ore 62% Fe fines, % Al<sub>2</sub>O<sub>3</sub> VIU, cfr Qingdao, \$/tonne  
MB-IRO-0022 - Iron ore 62% Fe fines, fob Qingdao, \$/tonne conversion  
MB-STE-0464 - Steel scrap HMS 1&2 (80:20 mix) US material import, cfr main port Taiwan, \$/tonne  
MB-IRO-0024 - Iron ore 62% Fe fines, 0.01% P VIU, cfr Qingdao, \$/tonne  
MB-IRO-0076 - Iron ore product differential - 62% Fe Pilbara Blend Fines, cfr Qingdao, \$/tonne  
MB-IRO-0114 - Iron ore 62% Fe Pilbara blend fines, cfr Qingdao, \$/tonne  
MB-STS-0280 - Stainless steel hot-rolled coil Asia grade 304, cif port East Asia, \$/tonne  
MB-STE-0783 - Steel scrap HMS 1&2 (80:20), cfr Vietnam, \$/tonne  
MB-IRO-0144 - Iron ore 62% Fe low-alumina fines, cfr Qingdao, \$/tonne  
MB-COA-0007 - PCI low-vol, cfr Jingtang, \$/dmt  
MB-COA-0008 - PCI low-vol, fob DBCT, \$/dmt  
MB-STS-0282 - Stainless steel cold-rolled coil 2mm grade 304 export, fob China, \$/tonne  
MB-STS-0283 - Stainless steel hot-rolled coil grade 304 export, fob China, \$/tonne  
MB-STE-0874 - Steel scrap H2 export, fob main port Japan, ¥/tonne  
MB-STE-0875 - Steel scrap shredded export, fob main port Japan, ¥/tonne  
MB-STE-0876 - Steel scrap Shindachi export, fob main port Japan, ¥/tonne  
MB-STE-0877 - Steel scrap heavy scrap (HS) export, fob main port Japan, ¥/tonne  
MB-STE-0878 - Steel scrap H2 Japan-origin import, cfr Vietnam, \$/tonne  
MB-STE-0879 - Steel scrap H2 Japan origin import, cfr main port South

Korea, ¥/tonne  
MB-STE-0881 - Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr Bangladesh, \$/tonne  
MB-STE-0889 - Steel scrap, index, heavy recycled steel materials, cfr east China, \$/tonne  
MB-STE-0890 - Steel billet, import, cfr China, \$/tonne  
MB-IRO-0177 - Iron ore pellet premium over 65% Fe fines, cfr China, \$/tonne  
MB-STE-0895 - Steel scrap, index, heavy recycled steel materials, cfr north China, \$/tonne  
MB-IRO-0178 - Pig iron, import, cfr China, \$/tonne

This has been corrected in Fastmarkets' database.

For more information or to provide feedback on the delayed publication of this price, or if you would like to provide price information by becoming a data submitter to this index, please contact [pricing@fastmarkets.com](mailto:pricing@fastmarkets.com). Please add the subject heading "FAO: September monthly averages." To see all Fastmarkets pricing methodology and specification documents go to <https://www.fastmarkets.com/about-us/methodology>.



## PRICING NOTICE: September monthly averages

By Fastmarkets MB staff - Friday 01 October

**Due to a technical error, the September monthly averages for the following prices were noted as being for October rather than September.**

MB-STE-0009 - Steel galvanized coil 1mm export, fob main port China, \$/tonne  
 MB-STE-0141 - Steel billet import, cfr Manila, \$/tonne  
 MB-STE-0144 - Steel hot-rolled coil index export, fob main port China, \$/tonne  
 MB-STE-0145 - Steel cold-rolled coil export, fob China main port, \$/tonne  
 MB-STE-0147 - Steel reinforcing bar (rebar) index export, fob China main port, \$/tonne  
 MB-STS-0018 - Stainless steel cold-rolled coil, Asia grade 304 (2mm 2B), cif East Asian port, \$/tonne  
 MB-IRO-0008 - Iron ore 62% Fe fines, cfr Qingdao, \$/tonne  
 MB-IRO-0009 - Iron ore 65% Fe Brazil-origin fines, cfr Qingdao, \$/tonne  
 MB-IRO-0010 - Iron ore 63% Fe Australia-origin lump ore premium, cfr Qingdao, US cents/dmtu  
 MB-IRO-0011 - Iron ore 62% Fe fines, fot Qingdao, yuan/wet tonne  
 MB-IRO-0012 - Iron ore 65% Fe blast furnace pellet, cfr Qingdao, \$/tonne  
 MB-IRO-0013 - Iron ore 66% Fe concentrate, cfr Qingdao, \$/tonne  
 MB-COA-0002 - Hard coking coal, cfr Jingtang, \$/dmt  
 MB-COA-0003 - Premium hard coking coal, fob DBCT, \$/dmt  
 MB-COA-0004 - Hard coking coal, fob DBCT, \$/dmt  
 MB-COA-0005 - Premium hard coking coal, cfr Jingtang, \$/dmt  
 MB-IRO-0015 - Iron ore 58% Fe fines, cfr Qingdao, \$/tonne  
 MB-IRO-0016 - Iron ore 58% Fe fines high-grade premium, cfr Qingdao, \$/tonne  
 MB-IRO-0017 - Iron ore 58% Fe fines high-grade premium index, cfr Qingdao, \$/tonne  
 MB-IRO-0018 - Iron ore 62% Fe fines, % Fe VIU, cfr Qingdao, \$/tonne  
 MB-IRO-0019 - Iron ore 65% Fe fines, % Fe VIU, cfr Qingdao \$/tonne  
 MB-IRO-0020 - Iron ore 62% Fe fines, % Si VIU, cfr Qingdao, \$/tonne  
 MB-IRO-0021 - Iron ore 62% Fe fines, % Al<sub>2</sub>O<sub>3</sub> VIU, cfr Qingdao, \$/tonne  
 MB-IRO-0022 - Iron ore 62% Fe fines, fot Qingdao, \$/tonne conversion  
 MB-STE-0464 - Steel scrap HMS 1&2 (80:20 mix) US material import, cfr main port Taiwan, \$/tonne  
 MB-IRO-0024 - Iron ore 62% Fe fines, 0.01% P VIU, cfr Qingdao, \$/tonne  
 MB-IRO-0076 - Iron ore product differential - 62% Fe Pilbara Blend Fines, cfr Qingdao, \$/tonne  
 MB-IRO-0114 - Iron ore 62% Fe Pilbara blend fines, cfr Qingdao, \$/tonne  
 MB-STS-0280 - Stainless steel hot-rolled coil Asia grade 304, cif port East Asia, \$/tonne  
 MB-STE-0783 - Steel scrap HMS 1&2 (80:20), cfr Vietnam, \$/tonne  
 MB-IRO-0144 - Iron ore 62% Fe low-alumina fines, cfr Qingdao, \$/tonne  
 MB-COA-0007 - PCI low-vol, cfr Jingtang, \$/dmt  
 MB-COA-0008 - PCI low-vol, fob DBCT, \$/dmt  
 MB-STS-0282 - Stainless steel cold-rolled coil 2mm grade 304 export, fob China, \$/tonne  
 MB-STS-0283 - Stainless steel hot-rolled coil grade 304 export, fob China, \$/tonne  
 MB-STE-0874 - Steel scrap H2 export, fob main port Japan, ¥/tonne  
 MB-STE-0875 - Steel scrap shredded export, fob main port Japan, ¥/tonne  
 MB-STE-0876 - Steel scrap Shindachi export, fob main port Japan, ¥/tonne  
 MB-STE-0877 - Steel scrap heavy scrap (HS) export, fob main port Japan, ¥/tonne  
 MB-STE-0878 - Steel scrap H2 Japan-origin import, cfr Vietnam, \$/tonne  
 MB-STE-0879 - Steel scrap H2 Japan origin import, cfr main port South Korea, ¥/tonne  
 MB-STE-0881 - Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr Bangladesh, \$/tonne  
 MB-STE-0889 - Steel scrap, index, heavy recycled steel materials, cfr east China, \$/tonne  
 MB-STE-0890 - Steel billet, import, cfr China, \$/tonne  
 MB-IRO-0177 - Iron ore pellet premium over 65% Fe fines, cfr China, \$/tonne  
 MB-STE-0895 - Steel scrap, index, heavy recycled steel materials, cfr north

China, \$/tonne  
 MB-IRO-0178 - Pig iron, import, cfr China, \$/tonne

This has been corrected in Fastmarkets' database.

For more information or to provide feedback on the delayed publication of this price, or if you would like to provide price information by becoming a data submitter to this index, please contact [pricing@fastmarkets.com](mailto:pricing@fastmarkets.com). Please add the subject heading "FAO: September monthly averages." To see all Fastmarkets pricing methodology and specification documents go to <https://www.fastmarkets.com/about-us/methodology>.

## COKING COAL DAILY: Fob prices ease on lower-than-expected trade

By Alex Theo - Friday 01 October

Seaborne coking coal prices in the fob market eased slightly on Friday October 1 on a cargo that was transacted at a lower-than-expected price, market sources said.

### Fastmarkets indices

**Premium hard coking coal, cfr Jingtang:** \$603.28 per tonne, unchanged

**Hard coking coal, cfr Jingtang:** \$565.14 per tonne, unchanged

**Premium hard coking coal, fob DBCT:** \$391.50 per tonne, down by \$8.70 per tonne

**Hard coking coal, fob DBCT:** \$336.84 per tonne, down by \$1 per tonne

### Fastmarkets Weekly PCI indices

**PCI low-vol, cfr Jingtang:** \$282.65 per tonne, up by \$9.38 per tonne

**PCI low-vol, fob DBCT:** \$252.92 per tonne, unchanged

The low-volatility pulverized coal injection (PCI) cfr price increased during the week to Friday October 1, in line with the overall uptrend in coking coal cfr prices.

Market sources have increased their indications for the low-vol PCI cfr prices over the course of the week to around \$262-288 per tonne cfr, compared with \$260-285 per tonne cfr the previous week.

In the fob coking coal market, a 75,000-tonne cargo of premium hard coking coal was heard traded at \$391 per tonne fob Australia, with laycan in November on the Globalcoal platform, according to sources.

Another 75,000-tonne cargo of premium hard coking coal was heard traded at \$390 per tonne fob Australia, with laycan over November 11-20, also on the Globalcoal platform, sources said.

The lower prices transacted for both cargoes came as a surprise to most market participants, who thought the tradeable prices would be closer to \$400 per tonne fob.

"Demand in the fob market is still firm; it was interesting to see both spot trades at prices lower than anticipated. It might be worth monitoring it," an India-based buyer source said.

Meanwhile, the cfr market was muted due to the week-long holiday to



commemorate Golden Week, which started on Friday.

#### Dalian Commodity Exchange

The market was closed because of a public holiday in China.

#### Coking coal/coke/PCI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-COA-0003	Premium hard coking coal, fob DBCT, \$/dmt	01 Oct 2021	391.5	-2.17%	Sep 2021	351.58
MB-COA-0005	Premium hard coking coal, cfr Jingtang, \$/dmt	01 Oct 2021	603.28	0.00%	Sep 2021	528.61
MB-COA-0004	Hard coking coal, fob DBCT, \$/dmt	01 Oct 2021	336.84	-0.30%	Sep 2021	293.13
MB-COA-0002	Hard coking coal, cfr Jingtang, \$/dmt	01 Oct 2021	565.14	0.00%	Sep 2021	479.84
MB-COA-0001	Hard coking coal domestic China spot market, Shanxi-origin, delivered Tangshan, yuan/tonne	27 Sep 2021	3800 - 4480	-4.72%	Sep 2021	3752.5 - 4492.5
MB-COA-0008	PCI low-vol, fob DBCT, \$/dmt	01 Oct 2021	252.92	0.00%	Sep 2021	228.26
MB-COA-0007	PCI low-vol, cfr Jingtang, \$/dmt	01 Oct 2021	282.65	3.43%	Sep 2021	262.99
MB-COA-0006	Coke 65% CSR, fob China, \$/tonne	28 Sep 2021	690 - 720	0.00%	Sep 2021	657.5 - 678.75

## Copper raw materials

Source: [dashboard.fastmarkets.com/m/00000004-0000-4000-8000-000000000000](https://dashboard.fastmarkets.com/m/00000004-0000-4000-8000-000000000000)

### Top stories

## Liquidation of Zambia's biggest copper assets to carry on after arrest of provisional liquidator - KCM

By Julian Luk - Friday 01 October

**The liquidation of Zambia's Konkola Copper Mines (KCM) will continue after the high-profile arrest of the provisional liquidator appointed by former president Edgar Chagwa Lungu.**

Milingo Lungu, the lawyer appointed to run Zambia's biggest integrated copper producer, has been arrested and charged with money laundering, according to a statement from the Zambian government on Wednesday September 29.

"The allegations are that Mr Lungu, jointly acting with other persons between May 22, 2019, and August 15, 2021... did engage in theft involving 110.4 million kwacha and US\$250,000. He obtained money by false pretenses, amounting to US\$2.2 million, and he has also been charged for money laundering on the same amount. The money is said to have come to his possession by virtue of him being the provisional liquidator of Konkola Copper Mines," Drug Enforcement Commission public relations officer Mathias Kamanda said on national broadcast network ZNBC.

Lungu dismissed the allegations as "baseless and untrue" in a statement on Wednesday, according to local reports.

In an emailed statement to Fastmarkets on Thursday September 30, a KCM spokesperson said Lungu's arrest will not cause major changes to the team that manages the African country's largest copper smelter by capacity, Nchanga, or the Konkola and Nchanga mines.

"The liquidation process at KCM will continue until the government provides policy direction on the matter and, as such, the current management team will remain in place until further notice," Shapi Shachinda, general manager of KCM subsidiary Konkola Mineral Resources Ltd, told Fastmarkets.

In May 2019, [Fastmarkets broke the news of the Zambian government's liquidation of KCM](#), which is majority-owned by Indian metals and energy

conglomerate Vedanta. The nationalization attempt sent shockwaves through investors in Africa's second-largest copper-producing country.

Since then, as provisional liquidator, Lungu has been in charge of the Nchanga smelter and the Konkola and Nchanga mines

[During an interview with Fastmarkets in London two years ago](#), Lungu said his mission was to ready the Nchanga and Konkola copper assets for sale in order to receive sufficient funds to keep the furnace running.

That mission has yet to be accomplished. [Vedanta is keen to stop the sell-off of assets](#) in which the company claims to have invested billions of dollars since their acquisition in 2004. Vedanta had fought to settle the disputes with the Zambian government through arbitration but that process has yet to take place as of the time of publication.

In a friendly gesture, Vedanta said at the end of August it was willing to invest another \$1.5 billion to improve the KCM assets, according to a company statement.

Copper exports accounted for more than 80% of Zambia's export earnings, according to its government. Zambia exported 510,000 tonnes of refined copper from January to July 2021.

When Fastmarkets spoke to KCM copper product customers on Thursday September 30, none reported any changes to the producer's output or its delivery schedules.

"KCM copper mining and smelting operations and its leadership team have not been impacted in any way by the arrest of the provisional liquidator," Shachinda told Fastmarkets.

Zambia is the key supplier of blister, an intermediate copper product, to China and India. China bought \$2.32 billion of unrefined copper from Zambia during the first seven months of this year; while Indian imports of unrefined copper for the 2019-2020 financial year amounted to \$697 million.

Fastmarkets assessed the [copper blister 98-99% RC spot, cif China](#) price at \$150-170 per tonne on September 30 compared with \$160-200 per tonne on August 31.

Fastmarkets has contacted Vedanta several times for comment but has yet to receive a reply.

### Copper concentrate news

## FOCUS: China's fresh round of power cuts to hit base metals downstream sectors – sources

By Yiwen Ju - Friday 01 October

**Since mid-September, a swathe of provincial governments in China have imposed power cuts and rationing on local industrial users, which could cast a bigger influence on downstream fabricating sectors than previous curbs, sources said.**

This is the second time that industrial users have received power rationing orders in the year. The first was in July, when hot weather strained the country's grid. Prior to this, small-scale restrictions had already emerged;

Yunnan province imposed power cuts on zinc and aluminum smelters in May, market participants noted.

The fresh move came with the country's green call on curbing energy consumption. This round of restrictions has been rolled out in 18 provinces, more than half the provinces in China. Provinces impacted include manufacturing powerhouses Guangdong and Jiangsu, where downstream base metal fabricators and manufacturers are concentrated, sources said.

"Guangxi, Hubei and Yuannan provinces, [where] some major tin producers [are] located, will have to cut production, but we assess [that a] bigger impact would be seen in the metal's downstream sectors in Jiangsu and Guangdong provinces," a tin end user told Fastmarkets.

"No matter how much power usage is required in operation, the limitation [of power load] is applied to all plants, hence downstream fabricators will have to suffer from production disruptions even though overall they consume less energy [compared to their upstream suppliers]," an analyst source said.

In addition, market participants noted that certain base metal downstream sectors such as zinc might need to battle with more severe production disruptions than their upstream refining sectors.

### Inventories pile up

With downstream demand among fabricators subdued due to the power cuts, inventories of several base metals have quickly risen.

Both zinc and aluminum registered an increase in inventories in [Shanghai Futures Exchange \(SHFE\)-registered warehouses](#) during the week to Friday September 24; zinc stocks rose by 7,996 tonnes (15.7%) to 58,395 tonnes and aluminum stocks increased by 5,797 tonnes (2.6%) to 229,847 tonnes.

This is the third consecutive week aluminum stocks have risen, an alumina trader noted.

"Aluminum's high price does keep buyers at [the] sidelines, and producers intending to deliver cargoes to exchange ahead of the holiday break is another driver for increasing inventories," a second alumina trader said. "However, power curbs on downstream fabricators has also added to the increased stocks."

The [SHFE front-month October aluminium](#) price topped 23,000 yuan (\$4,567) per tonne on September 13, which was considered a psychological level for investors, though the price has been rangebound since then. The light metal's price was 22,630 yuan per tonne at the close on September 30, the last trading day prior to the holiday break.

"Some small fabricators have to cut or even stop production because of high feedstock prices [and] the recent blow of power cuts," a secondary aluminum alloy trader said, "although most alloys sectors only consume natural gas."

"The [production cuts] order started three weeks ago in Yunnan [province], and has been largely rolled out since last week, which happened to be in line with the light metal's piling in SHFE sheds," an aluminum analyst said.

### Power cuts likely to weigh on zinc, tin prices; aluminium, copper prices might shrug off headwind

Even though multiple market participants have suggested that the impact on the downstream sector for base metals will be bigger in this round of power cuts - including for tin, zinc, copper and aluminum - this might not necessarily translate into weak upstream refined metal prices, sources told Fastmarkets.

Tin and zinc prices have acutely responded to the potential demand headwind, while some market participants remain optimistic about prices for aluminium and copper.

The [tin ingot SHFE price](#) was 270,680 yuan per tonne on September 30, down from a historical high of 282,400 yuan per tonne on September 24.

"Speculation of short squeeze largely explained the price jump of tin previously, in addition to the metal's low inventory in the physical market," a tin analyst told Fastmarkets. "However, [the SHFE] price is getting softer; demand-side concerns have dwarfed supply issues [in the] week."

"The key areas affected by this round of power restrictions - Guangdong and Jiangsu - are primarily home to downstream consumers of tin, so the impact on demand for refined tin is greater," the International Tin Association said on September 28.

"With the focus of the measures more on tin demand than supply, the tightness in the Chinese market could ease considerably," it added.

The [zinc SHFE price](#) closed at 22,385 yuan per tonne September 30, down from 22,985 yuan per tonne on September 24.

"The galvanizing metal will definitely be in surplus in the future," a zinc trader told Fastmarkets, citing the power cuts, in addition to the country's release of

reserves.

China's National Food & Strategic Reserves Administration [will sell 50,000 tonnes of zinc](#) in a fourth batch of sales to fabricators via a public auction on October 9, according to a notice from the administration published on its website on September 27.

Contrary to zinc and tin, some market participants believed aluminium and copper prices might not be impacted due to previous curbs on refined metal operations and high feedstock prices.

"Small end users such as extruder fabricators are quite trapped by the fresh round of power cuts, but [the] market is still pretty bullish where aluminum and alumina are both undergoing production limitations," a third alumina trader said. "It takes more time and costs to restart aluminium operations, hence I would say the upstream market's fundamentals are still pretty firm."

In mid-September, Yunnan province, a key production hub of aluminium in China, [imposed restrictions](#) on the operations of a few industries with high energy consumption. Local government required the average monthly production of aluminum smelters from September to December to not exceed that of August.

"Influence has spilled over more to [the] downstream sector this time, and the situation could be even worse with the heating season approaching, when coal is more badly in need than any other time," a fourth alumina trader said. "However, the raw materials price is also high, and I don't see any headwind from downstream that will weaken the metal's price."

Fastmarkets' calculation of the [alumina index, fob Australia](#) was published at \$457.04 per tonne on September 30, the highest level since October 2018.

Sources in the copper market also acknowledged this dilemma, but said that the impact on downstream fabricators would be low.

The [front-month copper contract price on the SHFE](#) was 68,350 yuan per tonne on September 30. The red metal's price was rangebound on either side of 70,000 yuan per tonne in September.

"The metal's supply tightness still weighs on the market, which should be a bigger concern than the demand side, so I'm actually expecting an even more bullish market after the [National Day] holiday," a copper trader said.

The red metal's stocks on the SHFE has dropped significantly since mid-May. The [copper SHFE weekly stocks deliverable per tonne](#) totaled 44,629 tonnes on September 24, compared with this year's high of 229,179 tonnes on May 14. [Shanghai bonded copper stocks](#) was 250,000-264,500 tonnes on September 20, falling rapidly from this year's high of 432,000-446,000 tonnes on July 12.

# COPPER CONCS SNAPSHOT: Rebound in TC/RCs pauses on supply concerns, power cuts

By Julian Luk - Friday 01 October

Spot interest in copper concentrate has been minimal in the week to Friday September 30, ahead of China's National Day holiday.

COPPER CONCENTRATE TC INDEX <i>(cif Asia Pacific, \$/tonne)</i>			
New price	Previous price	Change	% Change
60.9	61.4	▼0.5	▼0.81
COPPER CONCENTRATE RC INDEX <i>(cif Asia Pacific, US cents/lb)</i>			
New price	Previous price	Change	% Change
6.09	6.14	▼0.05	▼0.81

Source: Fastmarkets

Clean tonnages for smelter purchase were in the mid-\$60s, below the [Copper Smelters Purchase Team's fourth quarter pricing floor of \\$70 per tonne](#).

A [community blockade at MMG's Las Bambas complex](#) in Peru, which started two weeks ago, could linger for some time and cause delays to shipments, sources said, while [China's widening power curbs](#) are now threatening downstream demand for cathodes.

And Toromocho concentrates from Peru, some of which are eligible for export to China, was in the high \$50s for trader purchases, although other more highly complex parcels have yet to find buyers, sources said.

Fastmarkets' assessment of the [counterparty spread for October's index](#) was at \$9.36, versus \$6.11 a month ago. Copper Value-in-Use (VIU) was -\$0.1 on Friday, compared with -\$0.44 one month earlier.

### Some other coverage this week

- [Liquidation of Zambia's biggest copper assets to carry on after arrest of provisional liquidator - KCM](#)
- [Rio Tinto declares force majeure on Kennecott copper cathode shipments](#)
- [Higher copper prices to eventually halt rising consumption, G&H says](#)

### More on copper raw materials

- [Fastmarkets' No 1 copper material discount narrowed](#); while the [blister copper refining charge](#) tightened
- [Boliden opens facility in Sweden](#) to extract metal from smelter residue



Click on the image above [Fastmarkets' Copper Concentrates newsletter](#).

# PRICING NOTICE: Open consultation on IOSCO-audited non-ferrous price assessments, indices

By Alice Mason, Davide Ghilotti, Janie Davies - Friday 01 October

**Fastmarkets is inviting feedback on its audited non-ferrous price assessments and indices, as part of its announced annual methodology review process.**

The consultation, which is open until October 31, 2021, seeks to ensure that our audited methodologies and price specifications continue to reflect the physical markets for alumina, aluminium, cobalt, copper, lithium and manganese ore, in compliance with the International Organization of Securities Commissions (IOSCO) principles for Price Reporting Agencies (PRAs). This includes all elements of our pricing process, our price specifications and publication frequency.

The prices subject to this annual review are as follows:

### Base metals

#### Alumina

Alumina index adjustment to fob Australia index, Brazil, \$/tonne  
Alumina index, fob Australia, \$/tonne

#### Aluminium

Aluminium P1020A (MJP) spot premium, cif Japan, \$/tonne  
Aluminium P1020A premium, in-whs dp Rotterdam, \$/tonne  
Aluminium P1020A premium, in-whs dup Rotterdam, \$/tonne  
Aluminium P1020A premium, US Midwest delivered, cents/pound

#### Secondary aluminium

Aluminium pressure diecasting ingot DIN226/A380, delivered Europe, €/tonne  
Aluminum alloy A380.1, delivered Midwest, US cents/lb

#### Copper

Copper grade A cathode premium, cif Shanghai, \$/tonne

**Copper concentrates**

Copper concentrates TC/RC index, cif Asia Pacific, \$/dmtu

**Minor metals, ores & alloys**

**Cobalt**

Cobalt alloy grade, in-whs Rotterdam, \$/lb  
 Cobalt hydroxide payable indicator, cif China, \$/lb  
 Cobalt hydroxide index 30% Co min, cif China, \$/lb  
 Cobalt standard grade, in-whs Rotterdam, \$/lb

**Manganese ore**

Manganese ore 44% Mn, cif Tianjin, \$/dmtu  
 Manganese ore index 37% Mn, cif Tianjin, \$/dmtu  
 Manganese ore index 37% Mn, fob Port Elizabeth, \$/dmtu

**Industrial minerals**

**Lithium**

Lithium carbonate min 99.5% Li<sub>2</sub>CO<sub>3</sub>, battery grade, spot price cif China, Japan & South Korea, \$/kg  
 Lithium Carbonate min 99.5% Li<sub>2</sub>CO<sub>3</sub>, battery grade, spot price ex-works China, CNY/tonne  
 Lithium Hydroxide Monohydrate min 56.5% LiOH.H<sub>2</sub>O, battery grade, spot price cif China, Japan & South Korea, \$/kg

Lithium Hydroxide Monohydrate min 56.5% LiOH.H<sub>2</sub>O, battery grade, spot price ex-works China, CNY/tonne

**Open consultation**

In an open pricing notice, Fastmarkets has proposed to increase the frequency of its battery-grade seaborne Asian lithium carbonate and lithium hydroxide price assessments **to daily from weekly**. This proposal is still open. All other specifications remain the same.

To provide feedback on the annual review of the above-listed prices, please contact [pricing@fastmarkets.com](mailto:pricing@fastmarkets.com). For feedback or comment related to base metals, please add the subject heading 'FAO: Alice Mason, re: audited base metals methodologies.' For feedback or comment related to minor metals, ores & alloys, please add the subject heading 'FAO: Janie Davies, re: audited MOA methodologies.' For feedback or comment related to industrial minerals, please add the subject heading 'FAO: Davide Ghilotti, re: audited IM methodology.'

Please specify if your response is confidential. Opinions offered in confidential responses may be referenced, but will not be attributed in any way.

Fastmarkets will publish the outcome of this annual review by November 6, 2021, including a summary of the feedback - with the exception of those responses marked as confidential. Any proposals to make material changes, discontinue or launch prices will involve a separate market consultation, the length of which will depend on how substantial the change is for the industry.

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

**Key copper raw materials prices**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0287	Copper concentrates TC index, cif Asia Pacific, \$/tonne	01 Oct 2021	60.9	-0.81%	Sep 2021	60.35
MB-CU-0288	Copper concentrates RC index, cif Asia Pacific, US cents/lb	01 Oct 2021	6.09	-0.81%	Sep 2021	6.04
MB-CU-0409	Copper blister 98-99% RC annual benchmark, cif China, \$/tonne	22 Jan 2021	140 - 150	12.40%	Sep 2021	140 - 150
MB-CU-0408	Copper blister 98-99% RC spot, cif China, \$/tonne	30 Sep 2021	150 - 170	-11.11%	Sep 2021	150 - 170
MB-CU-0512	No1 copper material, RCu-2A,1B (candy/berry), cif China, LME/Comex discount, US cents per lb	27 Sep 2021	8.5 - 11	-29.09%	Sep 2021	8.5 - 11
MB-CU-0360	No2 copper material, RCu-2B (birch/cliff), cif China, LME/Comex discount, US cents per lb	27 Sep 2021	25 - 30	-36.78%	Sep 2021	25 - 30
MB-CU-0422	Copper concentrates counterparty spread, \$/tonne	30 Sep 2021	9.36	53.19%	Sep 2021	7.74
MB-CU-0423	Copper Concentrates Co-VIU, \$/tonne	30 Sep 2021	(0.1)		Sep 2021	(0.27)
MB-CU-0508	Copper concentrates TC implied smelters purchase, cif Asia Pacific, \$/tonne	01 Oct 2021	65.58	1.74%	Sep 2021	63.41
MB-CU-0510	Copper concentrates RC implied smelters purchase, cif Asia Pacific, cents/lb	01 Oct 2021	6.56	1.71%	Sep 2021	6.34
MB-CU-0509	Copper concentrates TC implied traders purchase, cif Asia Pacific, \$/tonne	01 Oct 2021	56.22	-3.65%	Sep 2021	57.3
MB-CU-0511	Copper concentrates RC implied traders purchase, cif Asia Pacific, cents/lb	01 Oct 2021	5.62	-3.60%	Sep 2021	5.73

## Base metals premiums

Source: [dashboard.fastmarkets.com/m/30e12191-84d2-4805-a994-4c1c21976c25](https://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	01 Oct 2021	468.72	2.56%	Sep 2021	390.9
MB-AL-0329	Aluminium P1020A premium, cif Taiwan, \$/tonne	21 Sep 2021	190 - 210	8.11%	Sep 2021	180 - 205
MB-AL-0001	Aluminium P1020A (MJP) quarterly premium, cif Japan, \$/tonne	14 Jun 2021	172 - 185	20.20%	Sep 2021	172 - 185
MB-AL-0343	Aluminium P1020A (MJP) spot premium, cif Japan, \$/tonne	01 Oct 2021	190 - 200	1.30%	Sep 2021	175.63 - 188.75
MB-AL-0328	Aluminium P1020A premium, bonded in-whs, Shanghai, \$/tonne	28 Sep 2021	170 - 190	0.00%	Sep 2021	170 - 190
MB-AL-0345	Aluminium P1020A premium, cif Shanghai, \$/tonne	28 Sep 2021	180 - 200	11.76%	Sep 2021	180 - 200
MB-AL-0307	Aluminium P1020A premium, fca South Korea, \$/tonne	28 Sep 2021	180 - 190	19.35%	Sep 2021	157.5 - 167.5
MB-AL-0344	Aluminium P1020A premium, cif South Korea, \$/tonne	28 Sep 2021	165 - 175	21.43%	Sep 2021	142.5 - 152.5
MB-AL-0316	Aluminium P1020A premium, fca dp Italy, \$/tonne	28 Sep 2021	435 - 445	0.00%	Sep 2021	433.75 - 443.75
MB-AL-0346	Aluminium P1020A premium, in-whs dup Rotterdam, \$/tonne	01 Oct 2021	295 - 310	0.00%	Sep 2021	299.77 - 310
MB-AL-0004	Aluminium P1020A premium, in-whs dp Rotterdam, \$/tonne	01 Oct 2021	375 - 390	-0.65%	Sep 2021	377.5 - 388.13
MB-AL-0319	Aluminium P1020A premium, fca dp Spain, \$/tonne	21 Sep 2021	435 - 445	2.33%	Sep 2021	430 - 440
MB-AL-0337	Aluminium P1020A premium, cif dup Turkey, \$/tonne	21 Sep 2021	330 - 340	3.08%	Sep 2021	325 - 335
MB-AL-0020	Aluminium P1020A premium, ddp Midwest US, US cents/lb	01 Oct 2021	34.75 - 36	0.37%	Sep 2021	34.5 - 36
MB-AL-0021	Aluminium P1020A premium, delivered Sao Paulo region, \$/tonne	21 Sep 2021	360 - 400	0.00%	Sep 2021	360 - 400
MB-AL-0022	Aluminium P1020A premium, cif dup Brazilian main ports, \$/tonne	21 Sep 2021	400 - 420	5.13%	Sep 2021	390 - 410
MB-AL-0381	Aluminium low-carbon differential P1020A, Europe, \$/tonne	01 Oct 2021	0 - 7	40.00%	Sep 2021	0 - 5
MB-AL-0377	Aluminium P1020A premium, in-whs dup Rotterdam, inferred low-carbon midpoint, \$/tonne	01 Oct 2021	306	0.33%	Sep 2021	307.39
MB-AL-0378	Aluminium P1020A premium, in-whs dp Rotterdam, inferred low-carbon midpoint, \$/tonne	01 Oct 2021	386	-0.39%	Sep 2021	385.31

### Copper premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0386	Copper grade A cathode premium, cif Taiwan, \$/tonne	21 Sep 2021	70 - 80	0.00%	Sep 2021	70 - 80
MB-CU-0405	Copper grade A cathode premium, in-whs Shanghai, \$/tonne	01 Oct 2021	95 - 115	0.00%	Sep 2021	91.14 - 107.05
MB-CU-0383	Copper grade A cathode ER premium, bonded in-whs Shanghai, \$/tonne	01 Oct 2021	105 - 115	0.00%	Sep 2021	97.73 - 107.05
MB-CU-0382	Copper grade A cathode SX-EW premium, bonded in-whs Shanghai, \$/tonne	01 Oct 2021	95 - 105	0.00%	Sep 2021	91.14 - 97.95
MB-CU-0403	Copper grade A cathode premium, cif Shanghai, \$/tonne	01 Oct 2021	88 - 105	0.00%	Sep 2021	79.59 - 97
MB-CU-0380	Copper grade A cathode ER premium, cif Shanghai, \$/tonne	01 Oct 2021	95 - 105	0.00%	Sep 2021	88.14 - 97
MB-CU-0384	Copper grade A cathode SX-EW premium, cif Shanghai, \$/tonne	01 Oct 2021	88 - 90	0.00%	Sep 2021	79.59 - 85.73
MB-CU-0399	Copper grade A cathode premium, cif Southeast Asia, \$/tonne	28 Sep 2021	70 - 80	0.00%	Sep 2021	65 - 72.5
MB-CU-0404	Copper grade A cathode premium, cif South Korea, \$/tonne	21 Sep 2021	75 - 80	24.00%	Sep 2021	67.5 - 72.5
MB-CU-0372	Copper grade A cathode premium, delivered Germany, \$/tonne	21 Sep 2021	75 - 90	0.00%	Sep 2021	75 - 90
MB-CU-0406	Copper grade A cathode premium, cif Leghorn, \$/tonne	21 Sep 2021	70 - 85	10.71%	Sep 2021	67.5 - 80

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0369	Copper grade A cathode premium, cif Rotterdam, \$/tonne	21 Sep 2021	45 - 55	0.00%	Sep 2021	45 - 55
MB-CU-0002	Copper grade 1 cathode premium, ddp Midwest US, US cents/lb	28 Sep 2021	8 - 9	0.00%	Sep 2021	8 - 9
MB-CU-0411	Copper EQ cathode premium, cif Europe, \$/tonne	21 Sep 2021	10 - 30	0.00%	Sep 2021	10 - 30
MB-CU-0412	Copper EQ cathode premium, cif Shanghai, \$/tonne	21 Sep 2021	15 - 35	100.00%	Sep 2021	10 - 27.5

### Lead premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0084	Lead 99.97% ingot premium, cif Taiwan, \$/tonne	21 Sep 2021	100 - 115	0.00%	Sep 2021	100 - 115
MB-PB-0083	Lead 99.99% ingot premium, cif Taiwan, \$/tonne	21 Sep 2021	120 - 130	0.00%	Sep 2021	120 - 130
MB-PB-0087	Lead 99.97% ingot premium, cif India, \$/tonne	28 Sep 2021	60 - 130	0.00%	Sep 2021	60 - 130
MB-PB-0086	Lead 99.99% ingot premium, cif India, \$/tonne	28 Sep 2021	130 - 140	0.00%	Sep 2021	130 - 140
MB-PB-0107	Lead 99.97% ingot premium, cif Southeast Asia, \$/tonne	31 Aug 2021	80 - 90	0.00%	Sep 2021	80 - 90
MB-PB-0108	Lead 99.99% ingot premium, cif Southeast Asia, \$/tonne	31 Aug 2021	125 - 145	0.00%	Sep 2021	125 - 145
MB-PB-0099	Lead 99.99% ingot premium, delivered Midwest US, US cents/lb	28 Sep 2021	17 - 19	0.00%	Sep 2021	17 - 19
MB-PB-0006	Lead 99.97% ingot premium, ddp Midwest US, US cents/lb	28 Sep 2021	15 - 18	0.00%	Sep 2021	15 - 18

### Tin premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SN-0038	Tin 99.9% ingot premium, cif Taiwan, \$/tonne	21 Sep 2021	350 - 450	0.00%	Sep 2021	350 - 450
MB-SN-0002	Tin 99.9% ingot premium, in-whs Rotterdam, \$ per tonne	21 Sep 2021	1300 - 1700	-6.25%	Sep 2021	1350 - 1750
MB-SN-0029	Tin 99.9% low lead ingot premium, in-whs Rotterdam, \$/tonne	21 Sep 2021	1800 - 2000	-9.52%	Sep 2021	1900 - 2100
MB-SN-0036	Tin 99.85% ingot premium, in-whs Baltimore, \$/tonne	21 Sep 2021	3000 - 4000	0.00%	Sep 2021	3000 - 4000
MB-SN-0011	Tin grade A min 99.85% ingot premium, ddp Midwest US, \$/tonne	21 Sep 2021	3150 - 4300	0.00%	Sep 2021	3150 - 4300

### Zinc premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0116	Zinc SHG 99.995% ingot premium, cif Taiwan \$/tonne	21 Sep 2021	120 - 130	0.00%	Sep 2021	120 - 130
MB-ZN-0106	Zinc SHG min 99.995% ingot premium, cif Shanghai, \$/per tonne	28 Sep 2021	90 - 110	0.00%	Sep 2021	90 - 110
MB-ZN-0119	Zinc min 99.995% ingot premium, in-whs Shanghai, \$/tonne	28 Sep 2021	90 - 110	0.00%	Sep 2021	90 - 110
MB-ZN-0113	Zinc SHG 99.995% ingot premium, fca Singapore, \$/per tonne	21 Sep 2021	100 - 120	0.00%	Sep 2021	100 - 120
MB-ZN-0115	Zinc SHG 99.995% ingot premium, fca Malaysia, \$/per tonne	21 Sep 2021	100 - 120	0.00%	Sep 2021	100 - 120
MB-ZN-0093	Zinc SHG min 99.995% ingot premium, cif Southeast Asia, \$/tonne	21 Sep 2021	120 - 130	0.00%	Sep 2021	120 - 130
MB-ZN-0001	Zinc SHG min 99.995% ingot premium, dp fca Rotterdam, \$/tonne	28 Sep 2021	150 - 180	4.76%	Sep 2021	141.25 - 165
MB-ZN-0099	Zinc SHG min 99.995% ingot premium, dp fca Antwerp, \$/tonne	28 Sep 2021	150 - 180	4.76%	Sep 2021	141.25 - 165
MB-ZN-0103	Zinc SHG min 99.995% ingot premium, fca dp Italy, \$/tonne	21 Sep 2021	175 - 185	9.09%	Sep 2021	167.5 - 177.5
MB-ZN-0102	Zinc SHG min 99.995% ingot premium, ddp Italy, \$/per tonne	21 Sep 2021	195 - 210	5.19%	Sep 2021	190 - 205
MB-ZN-0005	Zinc SHG min 99.995% ingot premium, ddp Midwest US, US cents/lb	28 Sep 2021	9.5 - 10.5	0.00%	Sep 2021	9.19 - 10.25

### Nickel premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0245	Nickel min 99.8% briquette premium, cif Shanghai, \$/tonne	28 Sep 2021	180 - 220	14.29%	Sep 2021	180 - 220
MB-NI-0143	Nickel min 99.8% full plate premium, in-whs Shanghai, \$/tonne	28 Sep 2021	330 - 350	0.00%	Sep 2021	330 - 350
MB-NI-0142	Nickel min 99.8% full plate premium, cif Shanghai, \$/tonne	28 Sep 2021	320 - 350	0.00%	Sep 2021	320 - 350
MB-NI-0003	Nickel uncut cathode premium, in-whs Rotterdam, \$/tonne	28 Sep 2021	40 - 75	0.00%	Sep 2021	40 - 75
MB-NI-0001	Nickel 4x4 cathode premium, in-whs Rotterdam, \$/tonne	28 Sep 2021	165 - 220	0.00%	Sep 2021	165 - 220
MB-NI-0002	Nickel briquette premium, in-whs Rotterdam, \$/tonne	28 Sep 2021	130 - 150	0.00%	Sep 2021	130 - 150
MB-NI-0240	Nickel 4x4 cathode premium, delivered Midwest US, US cents/lb	28 Sep 2021	45 - 55	0.00%	Sep 2021	45 - 55
MB-NI-0241	Nickel briquette premium, delivered Midwest US, US cents/lb	28 Sep 2021	45 - 50	9.20%	Sep 2021	42.75 - 46.25

### Base metals warrant premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0334	Aluminium P1020A, warrant premium, in-whs East Asia, \$/tonne	29 Sep 2021	65 - 100	0.00%	Sep 2021	54 - 87
MB-AL-0333	Aluminium P1020A warrant premium, in-whs Southeast Asia, \$/tonne	29 Sep 2021	35 - 100	-18.18%	Sep 2021	48 - 87
MB-AL-0338	Aluminium P1020A warrant premium, in-whs US, \$/tonne	29 Sep 2021	115 - 125	0.00%	Sep 2021	115 - 125
MB-CU-0398	Copper grade A cathode warrant premium, in-whs East Asia \$/tonne	29 Sep 2021	25 - 40	0.00%	Sep 2021	24 - 37
MB-CU-0397	Copper grade A cathode warrant premium, in-whs Southeast Asia, \$/tonne	29 Sep 2021	25 - 40	0.00%	Sep 2021	24 - 37
MB-CU-0400	Copper grade A cathode warrant premium, in-whs North Europe, \$/tonne	29 Sep 2021	5 - 10	0.00%	Sep 2021	5 - 10
MB-CU-0401	Copper grade A cathode warrant premium, in-whs South Europe, \$/tonne	29 Sep 2021	15 - 25	0.00%	Sep 2021	15 - 25
MB-CU-0377	Copper grade A cathode warrant premium, in-whs US, \$/tonne	29 Sep 2021	20 - 25	0.00%	Sep 2021	20 - 25
MB-PB-0106	Lead min 99.97% ingot warrant premium, in-whs East Asia \$/tonne	29 Sep 2021	15 - 25	0.00%	Sep 2021	14 - 24
MB-PB-0105	Lead min 99.97% ingot warrant premium, in-whs Southeast Asia \$/tonne	29 Sep 2021	15 - 25	0.00%	Sep 2021	14 - 24
MB-PB-0109	Lead 99.97% ingot warrant premium, in-whs North Europe, \$/tonne	29 Sep 2021	10 - 20	-25.00%	Sep 2021	20 - 34
MB-PB-0110	Lead 99.97% ingot warrant premium, in-whs South Europe, \$/tonne	29 Sep 2021	20 - 30	25.00%	Sep 2021	22 - 36
MB-PB-0097	Lead 99.97% ingot warrant premium, in-whs US, \$/tonne	29 Sep 2021	20 - 30	0.00%	Sep 2021	20 - 30
MB-NI-0138	Nickel min 99.8% briquette warrant premium, in-whs Southeast Asia, \$/tonne	29 Sep 2021	30 - 50	-11.11%	Sep 2021	36 - 52
MB-NI-0140	Nickel min 99.8% briquette warrant premium, in-whs East Asia, \$/tonne	29 Sep 2021	30 - 50	-11.11%	Sep 2021	34 - 50
MB-NI-0137	Nickel min 99.8% full plate warrant premium, in-whs Southeast Asia, \$/tonne	29 Sep 2021	25 - 40	0.00%	Sep 2021	30 - 45
MB-NI-0139	Nickel min 99.8% full plate warrant premium, in-whs East Asia, \$/tonne	29 Sep 2021	25 - 40	0.00%	Sep 2021	30 - 45
MB-NI-0141	Nickel min 99.8% warrant premium, in-whs North Europe, \$/tonne	29 Sep 2021	30 - 130	-15.79%	Sep 2021	44 - 146
MB-SN-0042	Tin min 99.85% ingot warrant premium, in-whs South East Asia, \$/tonne	29 Sep 2021	50 - 150	33.33%	Sep 2021	60 - 140
MB-ZN-0117	Zinc SHG min 99.995% warrant premium, in-whs North Europe, \$/tonne	29 Sep 2021	80 - 100	24.14%	Sep 2021	68 - 84
MB-ZN-0104	Zinc SHG min 99.995% warrant premium, in-whs US, \$/per tonne	29 Sep 2021	10 - 15	0.00%	Sep 2021	10 - 15
MB-ZN-0123	Zinc SHG min 99.995% warrant premium, in-whs Southeast Asia, \$/tonne	29 Sep 2021	10 - 25	16.67%	Sep 2021	12 - 21

## Ferro-alloy markets

Source: [dashboard.fastmarkets.com/m/1746b0c9-25c5-4ffd-b531-bdec474d8481](https://dashboard.fastmarkets.com/m/1746b0c9-25c5-4ffd-b531-bdec474d8481)

### Bulk ores & alloys news

## GLOBAL FERRO-SILICON SNAPSHOT: Global prices continue to experience massive gains on supply shortage

By Declan Conway, Chris Kavanagh, Jessica Long - Friday 01 October

Key data from Fastmarkets' pricing sessions in Europe, China and the United States on Friday October 1.

GLOBAL FERRO-SILICON PRICES			
	New price	Previous price	% Change
Ferro-silicon 75% Si min export, fob China, \$/tonne	4,450-4,550	3,600-3,900	▲20%
Ferro-silicon 75% Si min, in-whs China, yuan/tonne	22,000-23,000	18,000-20,000	▲18.42%
Ferro-silicon 75% Si min, cif Japan, \$/tonne	4,450-4,550	3,630-3,930	▲19.05%
Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	2,900-3,100	2,200-2,500	▲27.66%
Ferro-silicon 75% Si, in-whs Pittsburgh, \$/lb	2.50-2.75	2.25-2.30	▲15.38%

Source: Fastmarkets

### China

- The ferro-silicon price in China went very bullish following the news that Qinghai, a major ferro-silicon production hub in the country, may start power cuts to meet the dual control targets of energy consumption. This has made spot availability even tighter, with many producers holding offers firm.
- Rising ferro-silicon futures, coupled with the increasing Chinese price for magnesium - the key consumer of 75% ferro-silicon - fueled the high ferro-silicon price.
- Supply of semi-coke has tightened since Fugu, a ferro-silicon production hub in Shaanxi province, issued instructions for broad cuts in the production of ferro-alloys, magnesium and semi-coke starting from September 19, to meet the dual control targets on energy consumption. This has helped to drive up the ferro-silicon price, since semi-coke is a major ferro-silicon raw material.

### Europe

- European prices surged by 27.66% week on week, rising by €650 per tonne at the midpoint to straddle €3,000 (\$3,477) per tonne delivered in the week to October 1, setting a new record high since Fastmarkets started assessing the market in January 1997. Deals were reported within the new range, with one smaller deal reported as high as €3,150 per tonne, although that was an outlier for now.
- The European market is expected to move higher in the near term on soaring silicon markets in Europe, Asia and the United States. European steelmakers also have reported purchases at the latest assessed price range and seemed resigned to track the market higher because they need the feed to meet their fourth-quarter smelting schedules.
- Consumers are looking to buy ferro-silicon well into the first quarter of next year because European producers have virtually sold out of their scheduled production for the rest of 2021.
- Cementing the price rally are record-high transport costs due to an acute shortage of containers and record high freight rates, making it expensive and difficult to source replacement material.
- Surging energy prices are also a factor, which is further encouraging producers to increase their offer prices. One European ferro-silicon producer was reported to be locked in a tussle with its customers, trying to apply an energy surcharge on long-term agreements (LTAs) for 2022.

### United States

- The US ferro-silicon market took another leap upward, following in step with the major upward movements seen globally - particularly in China and the surrounding Asian countries.
- The market remains in a shortage state regionally in the US, with expeditious increases in overseas prices now making it more difficult to source material outside the US.
- The lack of material has allowed suppliers that do have available tonnages to elevate offers rapidly with little resistance.
- Market participants suspect prices will continue to run up over the near term given the current supply situation.

# MANGANESE SNAPSHOT: Chinese producers hike tender price for silico-manganese

By Declan Conway, Chris Kavanagh, Siyi Liu, William Clarke - Friday 01 October

Key data from Fastmarkets' pricing sessions in India, Europe, China and the United States on Friday October 1.

GLOBAL MANGANESE ORE AND ALLOY PRICES			
	New price	Previous price	% Change
Manganese ore 44% Mn, cif Tianjin, \$/dmtu	5.40	5.22	▲3.4
Manganese ore 37% Mn, fob Port Elizabeth, \$/dmtu	2.93	2.88	▲1.7
Manganese ore index 37% Mn, cif Tianjin, \$/dmtu	4.59	4.56	▲0.7
Manganese ore port index, base 44% Mn, range 42-48%, fob Tianjin China, yuan/dmtu	41.30	40.40	▲2.2
Manganese ore port index, base 37% Mn, range 35-39%, fob Tianjin China, yuan/dmtu	34.60	34.40	▲0.6
Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, \$/long ton	2,450-2,500	2,450-2,500	0
Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, \$/lb	1.95-2.00	1.95-2.00	0
Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	1,650-1,725	1,600-1,700	▲2.3
Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	11,000-12,000	11,000-12,000	0
Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	1,600-1,650	1,600-1,650	0
Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, \$/lb	1.18-1.20	1.12-1.20	▲2.6
Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	10,000-11,000	10,000-11,000	0
Silico-manganese 65% Mn min, min 16% Si, fob India, \$/tonne	1,500-1,550	1,400-1,430	▲7.8
Manganese ore inventories at the main Chinese ports of Tianjin and Qin Zhou, million tonnes	5.57-5.75	5.52-5.59	▲1.9

Source: Fastmarkets

## China

Hebei Iron & Steel Group (HBIS) hiked its October tender price for silico-manganese to 12,800 yuan (\$1,979) per tonne, up by 4,150 yuan per tonne (48%) from that for September-delivery.

The sharp increase was attributed to lingering production restrictions among smelters caused by the electricity shortages and energy controls, as well as soaring futures prices.

Portside manganese ore markets trended upwards amid bullish sentiment fueled by alloy strength, while smelters showed a particular appetite for high-grade manganese ore under the electricity limitations.

Buoyant portside prices lent some support to seaborne manganese ore, with some miners lifting their offers for November shipment, while others kept theirs unchanged.

Spot silico-manganese and ferro-manganese prices were rolled over because October 1 is the start of the Golden Week holiday (October 1-7) in China.

## Europe

High- and medium-carbon ferro-manganese prices rose in Europe in the week to Friday October 1, tracking the record-high manganese flake prices and expected renewed demand from steelmakers early in the month. Silico-manganese prices, meanwhile, were steady, consolidating a small increase from the week before - although they are expected to rise from next week on sharp increases in the silicon and manganese markets.

Replacement costs are expected to be expensive given the record-high costs for few containers that are available, along with record -high freight rates.

Availability in Europe has been relatively tight for months after domestic production cuts, with [Ferrolobe shutting a manganese alloys furnace in Spain](#) because of high energy prices.

## India

The market in India hit a three-month high in the week to October 1, matching the 2021 high point seen on June 25. Prices increased by more than \$100 per tonne on average, or about 8%, compared with the previous week.

Indian producers and traders have been encouraged to boost their offer prices because of surging silicon and manganese flake prices in China, which are being driven by industry speculation that Beijing may introduce new export taxes or value-added taxes on ferro-alloys.

Ferro-alloys production in China has been slashed as the country attempts to tackle its energy crisis.

China has been increasingly restricting electricity consumption after a drought limited hydro-electricity generation and then a coal shortage further exacerbated the situation. And that was in addition to government moves to limit air pollution ahead of the Winter Olympics in Beijing in February 2022.

The Indian silico-manganese market seems set to move higher and to reach its highest levels since Fastmarkets started assessing the market in June 2014.

Indian producers this week increased their domestic offer prices for lower-grade 60/14 silico-manganese to 96,000 rupees (\$1,292) per tonne, up from 92,000 rupees a week earlier. They are also considering increasing 60/14-grade domestic offer prices to 105,000 rupees per tonne due to the energy-related production issues in China leading to greater interest in Asia for Indian alloys, trade sources said.

## United States

The US silico-manganese market continued to narrow upward as new low was achieved with new mill business this week.

The market remains short on supplies, which has been providing support for the current price levels.

Rapidly rising ferro-silicon prices have also led market participants to suspect there may be further rises in store.

High-carbon ferro-manganese prices, meanwhile, maintained their course amid inactivity in the spot market.

## PRICING NOTICE: Open consultation on non-ferrous methodology

By Juliet Walsh - Friday 01 October

Fastmarkets is inviting feedback from the industry on its non-ferrous pricing methodology and product specifications, as part of its announced annual methodology review process.

This consultation, which is open until Friday October 29, 2021, seeks to ensure that our methodology continues to reflect the physical market in base metals, minor metals, ores and alloys, in compliance with the International Organization of Securities Commissions (IOSCO) principles for PRAs. This includes all elements of our pricing process, our price specifications and publication frequency.

View the Fastmarkets non-ferrous methodology [here](#).

### Open consultations

The following non-ferrous consultations remain open and reflect potential changes to some methodologies or specifications.

Fastmarkets has proposed to change to the name and specifications of its [UG2 chrome ore price index](#).

Fastmarkets has proposed to amend the publication timing of its [ferro-chrome benchmark indicator](#) and its [ferro-chrome cif China price](#).

Fastmarkets will launch two new [European high-carbon ferro-chrome price assessments](#) on Tuesday October 27 this year, which will run alongside the existing price assessment until the end of 2021.

To provide feedback on the annual review of our non-ferrous methodology, or if you would like to provide price information by becoming a data submitter to these prices or indices, please contact Fastmarkets by email at [pricing@fastmarkets.com](mailto:pricing@fastmarkets.com). For feedback or comment related to base metals, please add the subject heading [FAO: Alice Mason/Chris Kavanagh, re: Non-ferrous methodology](#). For feedback or comment related to minor metals, ores and alloys, please add the subject heading [FAO: Janie Davies/Susan Zou/Chris Kavanagh, re: MOA methodology](#).

Please specify whether your response is confidential. Opinions offered in confidential responses may be referenced but will not be attributed in any way.

Fastmarkets will publish the outcome of this methodology review by Monday 8 November including a summary of the feedback - with the exception of those responses marked as confidential. Any proposals to make material changes, discontinue or launch prices will involve a separate market consultation, the length of which will depend on how substantial the change is for the industry.

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 concentrates index basis 42%, cif China, \$/tonne	28 Sep 2021	164	0.00%	Sep 2021	164.25
MB-CHO-0002	Chrome ore Turkish lumpy 40-42%, cfr main Chinese ports, \$/tonne	28 Sep 2021	290 - 310	0.00%	Sep 2021	290 - 310

### Ferro-chrome

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEC-0012	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, \$/lb	30 Sep 2021	1.68 - 1.76	0.00%	Sep 2021	
MB-FEC-0004	Ferro-chrome high carbon 6-8.5% C, basis 60-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	28 Sep 2021	1.6 - 1.77	3.05%	Sep 2021	1.54 - 1.75
MB-FEC-0001	Ferro-chrome low phosphorous, min 65% Cr, max 0.015% P, delivered Europe, \$/lb	28 Sep 2021	1.67 - 1.84	2.92%	Sep 2021	1.65 - 1.82
MB-FEC-0017	Ferro-chrome high carbon 57-65% Cr, cif dup Japan, \$/lb	23 Sep 2021	1.22 - 1.25	0.00%	Sep 2021	1.22 - 1.25
MB-FEC-0018	Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, \$/lb	23 Sep 2021	1.21 - 1.24	0.00%	Sep 2021	1.21 - 1.24
MB-FEC-0021	Ferro-chrome high carbon 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	28 Sep 2021	1.6 - 1.77	3.05%	Sep 2021	1.54 - 1.75
MB-FEC-0020	Ferro-chrome high carbon 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, \$/lb Cr	28 Sep 2021	1.37 - 1.45	0.71%	Sep 2021	1.36 - 1.46
MB-FEC-0011	Ferro-chrome 50% Cr import, cif main Chinese ports, \$/lb contained Cr	28 Sep 2021	1.31	3.15%	Sep 2021	1.26
MB-FEC-0006	Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	28 Sep 2021	11100 - 11500	11.33%	Sep 2021	10225 - 10575
MB-FEC-0005	Ferro-chrome contract 6-8% C, basis 50% Cr, ddp China, yuan/tonne	28 Sep 2021	9745 - 9995	0.00%	Sep 2021	9745 - 9995

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEC-0019	Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, \$/lb	28 Sep 2021	1.84	0.55%	Sep 2021	1.83
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%	Sep 2021	1.56
MB-FEC-0014	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, \$/lb	30 Sep 2021	3.1 - 3.15	6.83%	Sep 2021	
MB-FEC-0013	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, \$/lb	30 Sep 2021	3.2 - 3.25	6.60%	Sep 2021	
MB-FEC-0015	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, \$/lb	30 Sep 2021	3 - 3.05	5.21%	Sep 2021	
MB-FEC-0003	Ferro-chrome 0.10% C, average 65-70% Cr, delivered Europe, \$/lb Cr	28 Sep 2021	2.9 - 3.18	3.40%	Sep 2021	2.84 - 3.14
MB-FEC-0002	Ferro-chrome low carbon, 65% Cr, max 0.06% C, delivered Europe, \$/lb Cr	28 Sep 2021	2.94 - 3.22	3.36%	Sep 2021	2.88 - 3.18

### Manganese ore

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MNO-0002	Manganese ore 37% Mn, fob Port Elizabeth, \$/dmtu	01 Oct 2021	2.93	1.74%	Sep 2021	2.89
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, \$/dmtu	01 Oct 2021	5.4	3.45%	Sep 2021	5.2
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, \$/dmtu	01 Oct 2021	4.59	0.66%	Sep 2021	4.52
MB-MNO-0004	Manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin China, yuan/dmtu	01 Oct 2021	34.6	0.58%	Sep 2021	34.3
MB-MNO-0005	Manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin China, yuan/dmtu	01 Oct 2021	41.3	2.23%	Sep 2021	40.08

### 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	01 Oct 2021	11000 - 12000	0.00%	Sep 2021	8875 - 9275
MB-FEM-0006	Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	01 Oct 2021	1650 - 1725	2.27%	Sep 2021	1575 - 1675
MB-FEM-0002	Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	30 Sep 2021	235 - 240	0.00%	Sep 2021	219.8 - 228
MB-FEM-0004	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, \$/lb	30 Sep 2021	1.95 - 2	0.00%	Sep 2021	
MB-FEM-0003	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, US cents/lb	30 Sep 2021	195 - 200	0.00%	Sep 2021	194 - 199
MB-FEM-0001	Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, \$/long ton	30 Sep 2021	2450 - 2500	0.00%	Sep 2021	2450 - 2500

### 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	01 Oct 2021	10000 - 11000	0.00%	Sep 2021	8875 - 9300
MB-SIM-0004	Silico-manganese 65% Mn min, min 16% Si, fob India, \$/tonne	01 Oct 2021	1500 - 1550	7.77%	Sep 2021	1410 - 1440
MB-SIM-0002	Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	01 Oct 2021	1600 - 1650	0.00%	Sep 2021	1585 - 1635
MB-SIM-0005	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, \$/lb	30 Sep 2021	1.18 - 1.2	2.59%	Sep 2021	
MB-SIM-0003	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, US cents/lb	30 Sep 2021	118 - 120	2.59%	Sep 2021	112 - 118.4

**Ferro-silicon**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FES-0003	Ferro-silicon 75% Si, in-whs Pittsburgh, \$/lb	30 Sep 2021	2.5 - 2.75	15.35%	Sep 2021	
MB-FES-0005	Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	01 Oct 2021	2900 - 3100	27.66%	Sep 2021	2072.5 - 2250
MB-FES-0004	Ferro-silicon 75% Si min export, fob China, \$/tonne	29 Sep 2021	4450 - 4550	20.00%	Sep 2021	2964 - 3090
MB-FES-0001	Ferro-silicon 75% Si min, in-whs China, yuan/tonne	29 Sep 2021	22000 - 23000	18.42%	Sep 2021	14660 - 15500

**Noble ores & alloys news**

**AEROSPACE RAW MATERIALS 01/10: Fastmarkets' European magnesium price hits record high on tight supply**

By Janie Davies - Friday 01 October

An overview of the aerospace materials markets and the latest price moves in the week to Friday October 1.

AEROSPACE RAW MATERIALS - 01/10				
Metal	Date of latest price assessment	Latest price	% change from previous assessment	Rationale
<b>Chromium</b>				
Chromium alumino-thermic 99% min, in-whs Rotterdam, \$/tonne	01/10/2021	10,250-10,550	0	The chromium metal market remained firm, interest from Europe held the price range stable.
Chromium alumino-thermic 99% min ex-US warehouse \$/lb	30/09/2021	4.85-5	0	The United States chromium metal market held steady amid dormant spot trading, buyers remained absent from the market.
<b>Cobalt</b>				
Cobalt alloy grade, in-whs Rotterdam, \$/lb	01/10/2021	25.75-26.25	▲ 0.8	Cobalt metal prices continued their uptrend with material in strong hands and light spot availability reported for certain brands.
Cobalt 99.8% Co min, ex-works China, yuan/tonne	01/10/2021	370,000-394,000	0	Prices rolled over due to a public holiday from October 1-7 in China.
<b>Hafnium</b>				
Hafnium, max 1% Zr, in-whs global locations, \$/kg	24/09/2021	850-950	0	Hafnium prices remained strong; multiple downstream consumers combined to source spot material that is in tight supply.
<b>Magnesium</b>				
Magnesium 99.9% Mg min, fob China main ports, \$/tonne	01/10/2021	10,000-11,000	0	Export prices rolled over due to the public holiday in China.
Magnesium 99.9%, exw China, yuan/tonne	01/10/2021	65,000-70,000	0	Domestic prices rolled over due to the public holiday in China.
Magnesium 99.9%, in-whs Rotterdam, \$/tonne	01/10/2021	16,000-16,500	▲ 116.7	Fastmarkets' European magnesium price soared to previously unseen highs; material was hard to find due to supply restrictions and the holiday in China.
<b>Rhenium</b>				
Rhenium APR catalytic grade, in-whs dup Rotterdam, \$/kg	24/09/2021	890-1,050	0	Traders waited on the sidelines, while a lack of liquidity continued to affect the market due to concerns over the aerospace industry.
Rhenium metal pellets 99.9% Re min, in-whs dup, Rotterdam \$/lb	24/09/2021	450-700	0	The market was quiet, while a few enquiries were made for metal pellets.
<b>Tantalum</b>				
Tantalite, basis 25% min Ta2O5, of China, \$/lb Ta2O5	01/10/2021	80-85	0	Tantalite prices held in thin trading.
<b>Titanium</b>				
Titanium ingot 6Al-4V, fob shipping point US, \$/lb	12/07/2021	8-8.50	▲ 3.1	Slow resumption of demand from the aerospace sector nudged ingot prices higher compared with the previous quarter.
Titanium plate alloy AMS 4911, fob shipping point US, \$/lb	12/07/2021	27-28	0	Despite higher prices for some forms of titanium, plate alloy prices held quarter on quarter.
<b>Vanadium</b>				
Vanadium pentoxide 98% V2O5 min, fob China, \$/lb V2O5	30/09/2021	6.38-6.45	▼ 8.9	The vanadium pentoxide price followed falling vanadium nitrogen prices and dropped amid crude steel production cuts, but there were more inquiries in the week.
Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5	01/10/2021	7.30-8.50	▼ 10.0	V2O5 edged down, with consumers able to purchase material at the low end of the range, price drops in China affected traders' sentiment and some producers refused to sell at current prices.

Source: Fastmarkets

Jessica Long, Ruby Liu and Carrie Shi in Shanghai, Fola Malomo, Dalila Ouerghi and Cristina Belda in London; and Chris Kavanagh in New York contributed to this article.

**Trade log: Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5**

By pricing@fastmarkets.com - Friday 01 October

The Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5 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 Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5 at 7.30-8.50 on Friday October 01, 2021.**

- Sale at \$7.30
- Prices indicated at \$7.30-8.00
- Offer at \$8.20
- Prices indicated at \$8.00-8.50
- Deal heard at \$6.80
- Offer at \$7.80
- Prices indicated at \$8.00-8.50
- Prices indicated at \$8.50-9.00
- Sale at \$7.30 for 5 tonnes
- Deal heard at \$8.00 for 20 tonnes
- Offer at \$8.77 for 20 tonnes
- Prices indicated at \$7.50-8.50

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

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

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

## Trade log: Tungsten APT 88.5% WO3 min cif Rotterdam and Baltimore duty-free, \$/mtu WO3

By pricing@fastmarkets.com - Friday 01 October

The Tungsten APT 88.5% WO3 min cif Rotterdam and Baltimore duty-free, \$/mtu WO3 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 Tungsten APT 88.5% WO3 min cif Rotterdam and Baltimore duty-free, \$/mtu WO3 at 315.00-320.00 on Friday October 01, 2021.**

- Offer at \$315.00
- Offer at \$320.00
- Prices indicated at \$312.00-318.00
- Offer at \$315.00-318.00
- Prices indicated at \$320.00
- Prices indicated at \$320.00-325.00
- Deal heard at \$320.00 for 24 tonnes
- Offer at \$318.00 for 15 tonnes

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

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

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

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

By pricing@fastmarkets.com - Friday 01 October

The Ferro-tungsten basis 75% W, in-whs dup Rotterdam, \$/kg W trade log including business, bids and offers reported to Fastmarkets.

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

**Fastmarkets assessed Ferro-tungsten basis 75% W, in-whs dup Rotterdam, \$/kg W at 37.00-38.50 on Friday October 01, 2021.**

- Prices indicated at \$37.00-38.00
- Prices indicated at \$37.00-38.50
- Offer at \$42.00 for 2 tonnes
- Prices indicated at \$38.00-38.75
- Bid at \$38.50

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

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

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

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

By pricing@fastmarkets.com - Friday 01 October

The Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, \$/kg V trade log including business, bids and offers reported to Fastmarkets.

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

**Fastmarkets assessed Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, \$/kg V at 30.50-32.00 on Friday October 01, 2021.**

- Prices indicated at \$30.50-31.50
- Deal heard at \$30.50
- Sale at \$31.90 for 7 tonnes
- Prices indicated at \$30.00-31.50
- Prices indicated at \$30.50-32.00
- Bid at \$30.35
- Offer at \$31.40 for 10 tonnes
- Prices indicated at \$30.50-32.50
- Prices indicated at \$32.00-33.00
- Bid at \$31.00
- Prices indicated at \$30.50-32.50
- Offer at \$30.15 for 7 tonnes
- Prices indicated at \$30.50-32.00

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

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

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

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

By pricing@fastmarkets.com - Friday 01 October

The Ferro-molybdenum 65% Mo min, in-whs Rotterdam, \$/kg Mo trade log including business, bids and offers reported to Fastmarkets.

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

**Fastmarkets assessed Ferro-molybdenum 65% Mo min, in-whs Rotterdam, \$/kg Mo at 42.50-44.50 on Friday October 01, 2021.**

- Deal heard at \$41.00 for 5 tonnes (discarded, below minimum tonnage)
- Offer at \$43.50
- Deal heard at \$42.00 for 16 tonnes
- Sale at \$44.90-45.00 for 5 tonnes (discarded, below minimum tonnage)
- Prices indicated at \$43.50-44.50
- Offer at \$44.50 for 3 tonnes (discarded, below minimum tonnage)
- Offer at \$43.00 for 3 tonnes (discarded, below minimum tonnage)
- Offer at \$44.00
- Prices indicated at \$43.00-43.25
- Offer at \$43.25 for 5 tonnes (discarded, below minimum tonnage)
- Offer at \$43.00
- Offer at \$43.45
- Offer at \$43.75-44.00
- Sale at \$44.50 for 24 tonnes
- Purchase at \$41.00 for 24 tonnes
- Sale at \$44.40 for 24 tonnes
- Deal heard at \$43.50 (discarded, off spec)

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.

### Molybdenum/ferro-molybdenum

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MO-0001	Molybdenum canned molybdic oxide, in-whs Pittsburgh, \$/lb	30 Sep 2021	18 - 19	-5.13%	Sep 2021	19.23 - 20.14
MB-FEO-0003	Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, \$/lb Mo	01 Oct 2021	19.3 - 19.7	0.00%	Sep 2021	20.12 - 20.32
MB-FEO-0004	Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, \$/lb	01 Oct 2021	17.5 - 18	-0.28%	Sep 2021	18.91 - 19.19
MB-FEO-0002	Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, \$/lb	30 Sep 2021	20.5 - 22	-3.98%	Sep 2021	21.3 - 22.11
MB-FEO-0001	Ferro-molybdenum 65% Mo min, in-whs Rotterdam, \$/kg Mo	01 Oct 2021	42.5 - 44.5	0.00%	Sep 2021	44.48 - 45.56

### Ferro-niobium/ferro-titanium

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FN-0001	Ferro-niobium 63-67% delivered consumer works, dp, Europe \$ per kg Nb	29 Sep 2021	45 - 47	-1.08%	Sep 2021	45 - 47.8
MB-FET-0001	Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, \$/kg Ti	29 Sep 2021	7.7 - 8.1	0.00%	Sep 2021	7.7 - 8.1
MB-FET-0002	Ferro-titanium 68-72% Ti, ex-whs US, \$/lb	30 Sep 2021	3.6 - 3.7	0.00%	Sep 2021	3.56 - 3.7

### 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	01 Oct 2021	315 - 320	0.79%	Sep 2021	311 - 316.5
MB-W-0003	Tungsten APT 88.5% WO3 min, fob main ports China, \$/mtu WO3	29 Sep 2021	305 - 313	1.48%	Sep 2021	303.2 - 308.8
MB-W-0002	Tungsten concentrate 65% WO3, in-whs China, yuan/tonne	29 Sep 2021	110000 - 112000	0.45%	Sep 2021	110400 - 111600
MB-FEU-0001	Ferro-tungsten basis 75% W, in-whs dup Rotterdam, \$/kg W	01 Oct 2021	37 - 38.5	0.00%	Sep 2021	38.89 - 40.44
MB-FEU-0003	Ferro-tungsten export, min 75% fob China, \$/kg W	29 Sep 2021	39 - 40.7	-0.50%	Sep 2021	39.32 - 40.28

### Vanadium pentoxide/ferro-vanadium

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-V-0001	Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5	01 Oct 2021	7.3 - 8.5	-10.02%	Sep 2021	8.65 - 9.45
MB-V-0002	Vanadium pentoxide 98% V2O5 min, fob China, \$/lb V2O5	30 Sep 2021	6.38 - 6.45	-8.94%	Sep 2021	7.4 - 7.51

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-V-0004	Vanadium pentoxide 98% V2O5 min, exw China, yuan/tonne	30 Sep 2021	91000 - 92000	<b>-8.96%</b>	Sep 2021	105400 - 107000
MB-FEV-0002	Ferro-vanadium 70-80% V, in-whs Pittsburgh, \$/lb	30 Sep 2021	15.5 - 16	0.00%	Sep 2021	16.26 - 16.7
MB-FEV-0001	Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, \$/kg V	01 Oct 2021	30.5 - 32	<b>-0.79%</b>	Sep 2021	34 - 35.89
MB-FEV-0003	Ferro-vanadium 78% V min, fob China, \$/kg V	30 Sep 2021	27.74 - 28.54	<b>-7.19%</b>	Sep 2021	31.61 - 32.21

## Iron ore markets

Source: [dashboard.fastmarkets.com/m/74f0932b-34c8-430d-a2b6-2402986448e2](https://dashboard.fastmarkets.com/m/74f0932b-34c8-430d-a2b6-2402986448e2)

### News

## PRICING NOTICE: September monthly averages

By Fastmarkets MB staff - Friday 01 October

**Due to a technical error, the September monthly averages for the following prices were noted as being for October rather than September.**

MB-STE-0009 - Steel galvanized coil 1mm export, fob main port China, \$/tonne  
 MB-STE-0141 - Steel billet import, cfr Manila, \$/tonne  
 MB-STE-0144 - Steel hot-rolled coil index export, fob main port China, \$/tonne  
 MB-STE-0145 - Steel cold-rolled coil export, fob China main port, \$/tonne  
 MB-STE-0147 - Steel reinforcing bar (rebar) index export, fob China main port, \$/tonne  
 MB-STS-0018 - Stainless steel cold-rolled coil, Asia grade 304 (2mm 2B), cif East Asian port, \$/tonne  
 MB-IRO-0008 - Iron ore 62% Fe fines, cfr Qingdao, \$/tonne  
 MB-IRO-0009 - Iron ore 65% Fe Brazil-origin fines, cfr Qingdao, \$/tonne  
 MB-IRO-0010 - Iron ore 63% Fe Australia-origin lump ore premium, cfr Qingdao, US cents/dmtu  
 MB-IRO-0011 - Iron ore 62% Fe fines, fot Qingdao, yuan/wet tonne  
 MB-IRO-0012 - Iron ore 65% Fe blast furnace pellet, cfr Qingdao, \$/tonne  
 MB-IRO-0013 - Iron ore 66% Fe concentrate, cfr Qingdao, \$/tonne  
 MB-COA-0002 - Hard coking coal, cfr Jingtang, \$/dmt  
 MB-COA-0003 - Premium hard coking coal, fob DBCT, \$/dmt  
 MB-COA-0004 - Hard coking coal, fob DBCT, \$/dmt  
 MB-COA-0005 - Premium hard coking coal, cfr Jingtang, \$/dmt  
 MB-IRO-0015 - Iron ore 58% Fe fines, cfr Qingdao, \$/tonne  
 MB-IRO-0016 - Iron ore 58% Fe fines high-grade premium, cfr Qingdao, \$/tonne  
 MB-IRO-0017 - Iron ore 58% Fe fines high-grade premium index, cfr Qingdao, \$/tonne  
 MB-IRO-0018 - Iron ore 62% Fe fines, % Fe VIU, cfr Qingdao, \$/tonne  
 MB-IRO-0019 - Iron ore 65% Fe fines, % Fe VIU, cfr Qingdao \$/tonne  
 MB-IRO-0020 - Iron ore 62% Fe fines, % Si VIU, cfr Qingdao, \$/tonne  
 MB-IRO-0021 - Iron ore 62% Fe fines, % Al2O3 VIU, cfr Qingdao, \$/tonne  
 MB-IRO-0022 - Iron ore 62% Fe fines, fot Qingdao, \$/tonne conversion  
 MB-STE-0464 - Steel scrap HMS 1&2 (80:20 mix) US material import, cfr main port Taiwan, \$/tonne  
 MB-IRO-0024 - Iron ore 62% Fe fines, 0.01% P VIU, cfr Qingdao, \$/tonne  
 MB-IRO-0076 - Iron ore product differential - 62% Fe Pilbara Blend Fines, cfr Qingdao, \$/tonne  
 MB-IRO-0114 - Iron ore 62% Fe Pilbara blend fines, cfr Qingdao, \$/tonne  
 MB-STS-0280 - Stainless steel hot-rolled coil Asia grade 304, cif port East Asia, \$/tonne  
 MB-STE-0783 - Steel scrap HMS 1&2 (80:20), cfr Vietnam, \$/tonne  
 MB-IRO-0144 - Iron ore 62% Fe low-alumina fines, cfr Qingdao, \$/tonne  
 MB-COA-0007 - PCI low-vol, cfr Jingtang, \$/dmt  
 MB-COA-0008 - PCI low-vol, fob DBCT, \$/dmt  
 MB-STS-0282 - Stainless steel cold-rolled coil 2mm grade 304 export, fob China, \$/tonne  
 MB-STS-0283 - Stainless steel hot-rolled coil grade 304 export, fob China, \$/tonne  
 MB-STE-0874 - Steel scrap H2 export, fob main port Japan, ¥/tonne  
 MB-STE-0875 - Steel scrap shredded export, fob main port Japan, ¥/tonne  
 MB-STE-0876 - Steel scrap Shindachi export, fob main port Japan, ¥/tonne  
 MB-STE-0877 - Steel scrap heavy scrap (HS) export, fob main port Japan, ¥/tonne  
 MB-STE-0878 - Steel scrap H2 Japan-origin import, cfr Vietnam, \$/tonne  
 MB-STE-0879 - Steel scrap H2 Japan origin import, cfr main port South

Korea, ¥/tonne  
 MB-STE-0881 - Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr Bangladesh, \$/tonne  
 MB-STE-0889 - Steel scrap, index, heavy recycled steel materials, cfr east China, \$/tonne  
 MB-STE-0890 - Steel billet, import, cfr China, \$/tonne  
 MB-IRO-0177 - Iron ore pellet premium over 65% Fe fines, cfr China, \$/tonne  
 MB-STE-0895 - Steel scrap, index, heavy recycled steel materials, cfr north China, \$/tonne  
 MB-IRO-0178 - Pig iron, import, cfr China, \$/tonne

This has been corrected in Fastmarkets' database.

For more information or to provide feedback on the delayed publication of this price, or if you would like to provide price information by becoming a data submitter to this index, please contact [pricing@fastmarkets.com](mailto:pricing@fastmarkets.com). Please add the subject heading "FAO: September monthly averages." To see all Fastmarkets pricing methodology and specification documents go to <https://www.fastmarkets.com/about-us/methodology>.

## IRON ORE DAILY: Liquidity limited during Chinese holiday

By Zihao Yu - Friday 01 October

**Trading activity was limited in the seaborne market on Friday October 1 during the start of the Chinese holiday.**

### Fastmarkets iron ore indices

**62% Fe fines, cfr Qingdao:** \$115.79 per tonne, down \$3.44 per tonne

**62% Fe low-alumina fines, cfr Qingdao:** \$118.54 per tonne, down \$3.40 per tonne

**58% Fe fines high-grade premium, cfr Qingdao:** \$88.06 per tonne, down \$3 per tonne

**65% Fe Brazil-origin fines, cfr Qingdao:** \$138.20 per tonne, down \$3 per tonne

**63% Fe Australia-origin lump ore premium, cfr Qingdao:** \$0.16 per dry metric tonne unit (dmtu), up \$0.005 per dmtu

**62% Fe fines, fot Qingdao: 877 yuan per wet metric tonne** (implied 62% Fe China Port Price: \$125.71 per dry tonne), unchanged

### Key drivers

The Dalian Commodity Exchange (DCE) was closed because of China's public holiday, which runs from October 1 to 7 to observe the National Day.

The most-traded November iron ore forward-month swap contract on the Singapore Exchange (SGX) went down with less liquidity. By 6:02pm Singapore time, it had registered a decrease of \$2.64 per tonne compared with Thursday's settlement price of \$116.84 per tonne.

Both the physical market and futures market were relatively quiet due to the holiday in China, a trading source in Singapore said.

The decrease in iron-ore swaps could be due to the ongoing price correction related to the [operation stoppage of Fortescue Metals Group's \(FMG\) Solomon hub](#). The market initially reacted to the stoppage by pricing high in response to fears over potentially short supplies yesterday, the trading source said.

The incident was not expected to impact the iron ore market too much, however, especially now that trading liquidity is likely to be tight during the Chinese holiday, and given that demand has been weak under steel production cuts, he added.

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

Rio Tinto, Globalore, 70,000 tonnes of 62.5% Fe Pilbara Blend lump, traded at the November average of a 62% Fe index plus lump premium of \$0.16 per dry metric tonne unit (dmtu), laycan November 1-10.

Globalore, 170,000 tonnes of 62% Fe Pilbara Blend fines, offered at the November average of a 62% Fe index plus a premium of \$1.20 per tonne, November 1-20 delivery.

Rio Tinto, Globalore, 70,000 tonnes of 62.5% Fe Pilbara Blend lump, traded late on Thursday September 30 at the November average of a 62% Fe index plus a lump premium of \$0.1590 per dmtu, laycan October 30-November 8.

**Market participant indications**

Fastmarkets index for iron ore 62% Fe fines

Pilbara Blend fines: \$113.62-118 per tonne cfr China  
 Brazilian Blend fines: \$116.62-121.50 per tonne cfr China  
 Newman fines: \$113.62 per tonne cfr China  
 Mining Area C fines: \$103.40 per tonne cfr China  
 Jimblebar fines: \$95.82-97.20 per tonne cfr China

Fastmarkets index for iron ore 65% Fe Brazil-origin fines  
 Iron Ore Carajas fines: \$137-139 per tonne cfr China

**Port prices**

No visible activity.

**Dalian Commodity Exchange**

Market closed for holiday.

**Daily indices price table**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0009	Iron ore 65% Fe Brazil-origin fines, cfr Qingdao, \$/tonne	01 Oct 2021	138.2	-2.12%	Sep 2021	142.83
MB-IRO-0144	Iron ore 62% Fe low-alumina fines, cfr Qingdao, \$/tonne	01 Oct 2021	118.54	-2.79%	Sep 2021	121.26
MB-IRO-0008	Iron ore 62% Fe fines, cfr Qingdao, \$/tonne	01 Oct 2021	115.79	-2.89%	Sep 2021	120.16
MB-IRO-0017	Iron ore 58% Fe fines high-grade premium index, cfr Qingdao, \$/tonne	01 Oct 2021	88.06	-3.29%	Sep 2021	91.83
MB-IRO-0016	Iron ore 58% Fe fines high-grade premium, cfr Qingdao, \$/tonne	01 Oct 2021	12	0.00%	Sep 2021	9.32
MB-IRO-0015	Iron ore 58% Fe fines, cfr Qingdao, \$/tonne	01 Oct 2021	76.06	-3.79%	Sep 2021	82.51
MB-IRO-0010	Iron ore 63% Fe Australia-origin lump ore premium, cfr Qingdao, US cents/dmtu	01 Oct 2021	16	3.23%	Sep 2021	5.98
MB-IRO-0022	Iron ore 62% Fe fines, fot Qingdao, \$/tonne conversion	01 Oct 2021	125.71	0.13%	Sep 2021	130.91
MB-IRO-0011	Iron ore 62% Fe fines, fot Qingdao, yuan/wet tonne	01 Oct 2021	877	0.00%	Sep 2021	912.41
MB-IRO-0076	Iron ore product differential - 62% Fe Pilbara Blend Fines, cfr Qingdao, \$/tonne	01 Oct 2021	(1.3)		Sep 2021	(0.48)
MB-IRO-0114	Iron ore 62% Fe Pilbara blend fines, cfr Qingdao, \$/tonne	01 Oct 2021	114.49	-3.73%	Sep 2021	119.67

**Weekly and monthly indices**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0012	Iron ore 65% Fe blast furnace pellet, cfr Qingdao, \$/tonne	01 Oct 2021	180.03	9.70%	Sep 2021	181.85
MB-IRO-0013	Iron ore 66% Fe concentrate, cfr Qingdao, \$/tonne	01 Oct 2021	136.54	8.62%	Sep 2021	144.12
MB-IRO-0077	Iron ore DR-grade pellet premium to 65% Fe fines index, Middle East reference, \$/tonne	30 Sep 2021	70	0.00%	Sep 2021	70
MB-IRO-0177	Iron ore pellet premium over 65% Fe fines, cfr China, \$/tonne	01 Oct 2021	41.2	10.75%	Sep 2021	34.48

**Weekly value-in-use indices**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0021	Iron ore 62% Fe fines, % Al2O3 VIU, cfr Qingdao, \$/tonne	27 Sep 2021	(6.47)		Sep 2021	(6.15)
MB-IRO-0018	Iron ore 62% Fe fines, % Fe VIU, cfr Qingdao, \$/tonne	27 Sep 2021	2.09	-2.34%	Sep 2021	2.27

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0020	Iron ore 62% Fe fines, % Si VIU, cfr Qingdao, \$/tonne	27 Sep 2021	(5.28)		Sep 2021	(5.31)
MB-IRO-0024	Iron ore 62% Fe fines, 0.01% P VIU, cfr Qingdao, \$/tonne	27 Sep 2021	(0.7)		Sep 2021	(0.69)
MB-IRO-0019	Iron ore 65% Fe fines, % Fe VIU, cfr Qingdao \$/tonne	27 Sep 2021	2.57	<b>-4.81%</b>	Sep 2021	2.76

# Manganese ore & alloys

Source: [dashboard.fastmarkets.com/m/d73a1ad8-bcee-4a7e-911a-5c69669337c7](https://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	01 Oct 2021	2.93	1.74%	Sep 2021	2.89
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, \$/dmtu	01 Oct 2021	5.4	3.45%	Sep 2021	5.2
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, \$/dmtu	01 Oct 2021	4.59	0.66%	Sep 2021	4.52
MB-MNO-0004	Manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin China, yuan/dmtu	01 Oct 2021	34.6	0.58%	Sep 2021	34.3
MB-MNO-0005	Manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin China, yuan/dmtu	01 Oct 2021	41.3	2.23%	Sep 2021	40.08

## 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	01 Oct 2021	10000 - 11000	0.00%	Sep 2021	8875 - 9300
MB-SIM-0004	Silico-manganese 65% Mn min, min 16% Si, fob India, \$/tonne	01 Oct 2021	1500 - 1550	7.77%	Sep 2021	1410 - 1440
MB-SIM-0002	Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	01 Oct 2021	1600 - 1650	0.00%	Sep 2021	1585 - 1635
MB-SIM-0005	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, \$/lb	30 Sep 2021	1.18 - 1.2	2.59%	Sep 2021	
MB-SIM-0003	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, US cents/lb	30 Sep 2021	118 - 120	2.59%	Sep 2021	112 - 118.4

## 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	01 Oct 2021	11000 - 12000	0.00%	Sep 2021	8875 - 9275
MB-FEM-0006	Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	01 Oct 2021	1650 - 1725	2.27%	Sep 2021	1575 - 1675
MB-FEM-0002	Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	30 Sep 2021	235 - 240	0.00%	Sep 2021	219.8 - 228
MB-FEM-0004	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, \$/lb	30 Sep 2021	1.95 - 2	0.00%	Sep 2021	
MB-FEM-0003	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, US cents/lb	30 Sep 2021	195 - 200	0.00%	Sep 2021	194 - 199
MB-FEM-0001	Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, \$/long ton	30 Sep 2021	2450 - 2500	0.00%	Sep 2021	2450 - 2500

Manganese ore news

# MANGANESE SNAPSHOT: Chinese producers hike tender price for silico-manganese

By Declan Conway, Chris Kavanagh, Siyi Liu, William Clarke - Friday 01 October

Key data from Fastmarkets' pricing sessions in India, Europe, China and the United States on Friday October 1.

GLOBAL MANGANESE ORE AND ALLOY PRICES			
	New price	Previous price	% Change
Manganese ore 44% Mn, cif Tianjin, \$/dmtu	5.40	5.22	▲3.4
Manganese ore 37% Mn, fob Port Elizabeth, \$/dmtu	2.93	2.88	▲1.7
Manganese ore index 37% Mn, cif Tianjin, \$/dmtu	4.59	4.56	▲0.7
Manganese ore port index, base 44% Mn, range 42-48%, fob Tianjin China, yuan/dmtu	41.30	40.40	▲2.2
Manganese ore port index, base 37% Mn, range 35-39%, fob Tianjin China, yuan/dmtu	34.60	34.40	▲0.6
Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, \$/long ton	2,450-2,500	2,450-2,500	0
Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, \$/lb	1.95-2.00	1.95-2.00	0
Ferro-manganese basis 78% Mn min, standard 7.5% C, delivered Europe, €/tonne	1,650-1,725	1,600-1,700	▲2.3
Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	11,000-12,000	11,000-12,000	0
Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	1,600-1,650	1,600-1,650	0
Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, \$/lb	1.18-1.20	1.12-1.20	▲2.6
Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	10,000-11,000	10,000-11,000	0
Silico-manganese 65% Mn min, min 16% Si, fob India, \$/tonne	1,500-1,550	1,400-1,430	▲7.8
<b>Manganese ore inventories at the main Chinese ports of Tianjin and Qinzhou, million tonnes</b>			
	5.57-5.75	5.52-5.59	▲1.9

Source: Fastmarkets

## China

Hebei Iron & Steel Group (HBIS) hiked its October tender price for silico-manganese to 12,800 yuan (\$1,979) per tonne, up by 4,150 yuan per tonne (48%) from that for September-delivery.

The sharp increase was attributed to lingering production restrictions among smelters caused by the electricity shortages and energy controls, as well as soaring futures prices.

Portside manganese ore markets trended upwards amid bullish sentiment fueled by alloy strength, while smelters showed a particular appetite for high-grade manganese ore under the electricity limitations.

Buoyant portside prices lent some support to seaborne manganese ore, with some miners lifting their offers for November shipment, while others kept theirs unchanged.

Spot silico-manganese and ferro-manganese prices were rolled over because October 1 is the start of the Golden Week holiday (October 1-7) in China.

## Europe

High- and medium-carbon ferro-manganese prices rose in Europe in the week to Friday October 1, tracking the record-high manganese flake prices and expected renewed demand from steelmakers early in the month. Silico-manganese prices, meanwhile, were steady, consolidating a small increase from the week before - although they are expected to rise from next week on sharp increases in the silicon and manganese markets.

Replacement costs are expected to be expensive given the record-high costs for few containers that are available, along with record -high freight rates.

Availability in Europe has been relatively tight for months after domestic production cuts, with [Ferroglobe shutting a manganese alloys furnace in Spain](#) because of high energy prices.

## India

The market in India hit a three-month high in the week to October 1, matching the 2021 high point seen on June 25. Prices increased by more than \$100 per tonne on average, or about 8%, compared with the previous week.

Indian producers and traders have been encouraged to boost their offer prices because of surging silicon and manganese flake prices in China, which are being driven by industry speculation that Beijing may introduce new export taxes or value-added taxes on ferro-alloys.

Ferro-alloys production in China has been slashed as the country attempts to tackle its energy crisis.

China has been increasingly restricting electricity consumption after a drought limited hydro-electricity generation and then a coal shortage further exacerbated the situation. And that was in addition to government moves to limit air pollution ahead of the Winter Olympics in Beijing in February 2022.

The Indian silico-manganese market seems set to move higher and to reach its highest levels since Fastmarkets started assessing the market in June 2014.

Indian producers this week increased their domestic offer prices for lower-grade 60/14 silico-manganese to 96,000 rupees (\$1,292) per tonne, up from 92,000 rupees a week earlier. They are also considering increasing 60/14-grade domestic offer prices to 105,000 rupees per tonne due to the energy-related production issues in China leading to greater interest in Asia for Indian alloys, trade sources said.

## United States

The US silico-manganese market continued to narrow upward as new low was achieved with new mill business this week.

The market remains short on supplies, which has been providing support for the current price levels.

Rapidly rising ferro-silicon prices have also led market participants to suspect there may be further rises in store.

High-carbon ferro-manganese prices, meanwhile, maintained their course amid inactivity in the spot market.

## Mexican steel scrap

Source: [dashboard.fastmarkets.com/m/00000056-0000-4000-8000-000000000000](https://dashboard.fastmarkets.com/m/00000056-0000-4000-8000-000000000000)

### Top stories

## Nucor buys Fort Myers shredding ops

By Lisa Gordon - Friday 01 October

Nucor Corp has confirmed its purchase of a St Louis, Missouri, shredding operation and announced its purchase of a Fort Meyers, Florida, shredding operation.

On October 4, Trademark Metals Recycling LLC (TMR), owned by Nucor, will close on its purchase of Garden Street Iron & Metal Inc in Fort Myers, Florida. The deal, subject to normal closing conditions, will bring the total number of TMR's facilities to 26.

"The Garden Street teammates are a welcome addition to the TMR/Nucor team and will seamlessly add to our strong presence in the Florida market," Brian Phillippi, TMR general manager, said.

In addition to the Garden Street purchase, the Charlotte, North Carolina, steelmaker confirmed that its Advantage Metals Recycling (AMR) division [purchased Grossman Iron & Steel on Thursday September 30](#), as reported by Fastmarkets.

The Grossman purchase brings the total number of AMR facilities to 12.

"We are pleased to welcome the Grossman teammates to the AMR/Nucor family. They are well positioned to support our growing steelmaking capacity along the Mississippi and Ohio river system," Mark Schaefer, AMR vice president and general manager, said.

"The addition of these new recycling locations, representing a 10% growth in capacity, is consistent with Nucor's growth strategy and demonstrates our commitment to expanding the regional recycling platforms supporting our steel mills," the steelmaker said.

## Four Turkish rebar producers slapped with CV duties

By Lisa Gordon - Friday 01 October

The United States Department of Commerce has issued final countervailing determinations on steel concrete reinforcing bar from Turkey following an administrative review, the agency said on Thursday September 30.

The department determined that rebar from Turkey was sold in the United States had received countervailable subsidies during the period of review from January 1, 2018, through December 31, 2018.

The following producers and exporters from Turkey were assigned countervailable subsidy rates of 1.82%:

- Kaptan Demir Celik Endustrisi ve Ticaret A.S. and Kaptan Metal Dis Ticaret ve Nakliyat A.S. and their cross-owned affiliates
- Colakoglu Dis Ticaret A.S.
- Colakoglu Metalurji A.S.

Icdas Celik Enerji Tersane ve Ulasim Sanayi A.S. and its cross-owned affiliates were assigned rates of 0.32%, which is *de minimis*.

Fastmarkets assessed the price of [steel rebar, import, loaded truck Port of Houston for immediate delivery](#) at \$940-960 per short ton (\$47-48 per hundredweight) on Wednesday September 29.

## US hot-rolled coil index dips below \$98/cwt

By Amy Hinton - Friday 01 October

Hot-rolled coil prices in the United States fell below \$98 per hundredweight, though market participants said that prices will remain around current levels for the remainder of the year.

Fastmarkets' daily [steel hot-rolled coil, index, fob mill US](#) was calculated at \$97.79 per cwt (\$1,955.80 per short ton) on Friday October 1, down by 0.30% from \$98.08 per cwt on Thursday September 30 and by 0.15% from \$97.94 per cwt one week earlier.

Fresh inputs were received across the producer and distributor sub-indices in a range of \$96.00-98.50 per cwt, constituting a deal, a mill offer and an assessment giving a general indicator of the current market level. An offer was carried over to the consumer sub-index from the previous day's session due to a lack of liquidity there. The high end of the range represents a deal reported by a distributor, and the low end an assessment from a producer.

### Heard in the market

Participants reported that increased material availability and a reduction in lead times for material were unlikely to dent prices with current levels thought to be sustainable until the end of 2021.

The Section 232 tariffs and planned mill outages in the fourth quarter of the year were cited as price-supportive factors, somewhat offset by the ongoing semiconductor chip shortages, which sources said showed no signs of abating.

**Quote of the day**

"We've not done anything as we are busy closing out month and have nothing left for October orders. Based on conversations I am having with people they're saying that there is more availability in the market but doesn't appear that pricing has fallen off. Mills are still requesting these numbers so \$96-98 per cwt is kind of where we see the market, but we haven't sold," a producer source said.

*Lisa Gordon in Pittsburgh and Mark Shenk in New York contributed to this report.*

**Steel execs take aim at subsidy-backed mills**

By Rijuta Dey Bera - Friday 01 October

**The continuation of protectionist measures such as Section 232 tariffs are necessary to create a "level playing field," since steel producers in Canada and the European Union receive government subsidies for decarbonization, unlike steelmakers in the United States that deploy their own capital, two major US steel producers said during a virtual roundtable.**

Major domestic producers including Cleveland-Cliffs, Nucor Corp and Steel Dynamics Inc (SDI) held a virtual roundtable alongside members of Congress and industry executives on Thursday September 30, putting forth arguments to support the continuation of Section 232 tariffs against EU imports.

Cleveland-Cliffs chairman, president and chief executive officer Lourenco Goncalves and SDI president and chief executive officer Mark Millett noted that Canadian producer **Algoma Steel received government funding** to support its **pivot to electric-arc furnace (EAF) steelmaking**.

Additionally, both Millett and Goncalves said that Luxembourg-based ArcelorMittal, the world's largest steelmaker, has received outside funding, whereas steel producers in the US reinvest their own money in "green" steelmaking.

**ArcelorMittal secured a €280-million (\$327-million) loan from the European Investment Bank** to support its decarbonization objectives, whereas Germany's federal government plans to fund €55 million (\$65 million) for the construction of the **first industrial-scale hydrogen direct-reduced iron (DRI) plant** at ArcelorMittal Hamburg steelworks.

"I have been calling China the enemy from 2016, but sometimes friends are worse than enemies," Goncalves said during the roundtable. "We invest our own money, whereas they invest government money."

The domestic producers agreed the huge jump in profits the US steel producers have seen this year was made partly possible by the implementation of the Section 232 tariffs in 2018, but said that **most US steelmakers have announced new plans** of modern steelmaking as a result of **those profits**.

Thomas Conway, the leader of the United Steelworkers, the largest industrial union in North America, threw his support behind domestic steel producers, noting that mills operating at an **average capacity utilization rate of 85%** was the sign of a "healthy industry."

"This industry makes money once in a decade, and they plough it back in," Conway said.

The roundtable participants were also concerned that the EU may become a backdoor for Chinese steel exporters looking to circumvent prohibitory measures, especially since **the US price of steel products remain the highest** in the world, **attracting imports**.

A recent presentation by Nucor showed that **US steel sheet imports have**

**decreased** to a 13% market share in 2020 from 19% in 2015.

The US Trade Representative and the US Department of Commerce aim to **reach an agreement with Europe regarding Section 232** of the Trade Expansion Act of 1962 by November 1.

The Section 232 tariffs - **which came into effect on March 23, 2018** - imposed a 25% tax on imported steel and 10% on imported aluminium.

The EU is suggesting the US impose **tariff-rate quotas on steel and aluminium imports** from the trading bloc, though the shift to tariff-rate quotas is not the only solution under consideration, sources have told Fastmarkets.

**The Biden administration may borrow from the United States-Mexico-Canada Agreement** trade pact playbook when it negotiates with the EU regarding the future of Section 232 tariffs, a Washington DC-based lobbying and government relations firm told Fastmarkets.

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

Fastmarkets' daily **steel hot-rolled coil index, fob mill US** was calculated at \$98.08 per cwt (\$1,961.60 per ton) on Thursday September 30.

The index reached an **all-time high of \$98.25 per cwt** on both September 20 and 27.

**Olympic Steel buys another specialty distributor**

By Lisa Gordon - Friday 01 October

**Olympic Steel Inc has expanded its specialty metals footprint with the purchase of Shaw Stainless & Alloy, marking its fifth acquisition in four years.**

The Cleveland-headquartered service center and fabricator purchased the company in an all-cash deal, although the selling price was not disclosed.

The Powder Springs, Georgia-based Shaw is a full-line distributor of stainless steel sheet, pipe, tube, bar and angles.

In addition, Shaw manufactures and distributes stainless steel bollards and water treatment systems. Aside from its headquarters, Shaw has other Georgia operations in Marietta, Hiram, and Albany.

Shaw will retain its name and its existing management team, including president Bryan Shaw.

"We are excited to quickly redeploy a portion of the proceeds from our recently announced sale of Detroit assets and operations. We expect higher-returning results from Shaw will replace the former Detroit earnings stream at a fraction of the investment," chief executive officer Richard Marabito said.

**Olympic recently divested a Detroit operation** for \$58.4 million.

Olympic has been open for years about its **strategy to grow its specialty metals business**. Including the Shaw purchase, Olympic now operates 41 facilities in North America.

In December, the company **acquired Action Stainless & Alloys**. In 2019, it purchased certain assets related to the manufacturing of the **EZ-Dumper hydraulic dump** as well as **McCullough Industries**.

The company also **purchased Berlin Metals** in 2018.

## Turkey pays more for US ferrous scrap

By Amy Hinton - Friday 01 October

**A Turkish mill has returned to the US deep-sea ferrous scrap market to secure material at a \$1- to \$4-per-tonne increase compared with previous deals.**

An East Coast exporter sold a cargo comprising an 80:20 mix of No1 and No2 heavy melting scrap priced at \$443 per tonne cfr and shredded and bonus scrap priced at \$458 per tonne cfr, Fastmarkets learned on Friday October 1. The precise tonnage composition of the cargo has not yet been set, but it is understood that the cargo will include a high proportion of shredded scrap.

This latest deal compares with a US sale to the region priced at **\$457 per tonne for shred and \$442 per tonne for HMS 1&2 (90:10)**, reportedly concluded on September 15. That heavy melt price is equivalent to \$439 per tonne cfr for HMS 1&2 (80:20), due to the \$3-per-tonne premium HMS 1&2 (90:10) typically commands.

Also in mid-September, an exporter on the US East Coast sold **bonus-grade material at \$458 per tonne cfr**.

Before this latest deal, **no export sales containing shred** had been reported sold since the September 15 booking.

Shred sales from the United States to Turkey have been conspicuous by their absence recently, with US sellers reportedly **preferring to sell scant shred units in the domestic market** while some anticipate a sideways or higher US shred market in October's ferrous trade.

The latest deal puts the spread between HMS 1&2 (80:20) and shred at \$15 per tonne. That is steady from the September 15 booking, and **narrower than the \$21 per tonne reached earlier this year**, but still wider than the usual \$5-per-tonne delta maintained between the two grades.

## CRC, galv prices flat; mart detects Q4 balance

By Dom Yanchunas - Friday 01 October

**Price for cold-rolled and galvanized steel sheet in the United States held steady after market participants perceived an emerging balance among overall supply, inventory and demand trends for the fourth quarter.**

Fastmarkets' weekly assessment for **steel cold-rolled coil, fob mill US** was unchanged at \$110 per hundredweight (\$2,200 per short ton) on Thursday September 30. The assessment has risen 185.71% over the past year.

Fastmarkets' assessment for **steel hot-dipped galvanized coil (cold-rolled base), fob mill US** also remained at \$110 per cwt (\$2,200 per ton) on Thursday. This is the first time since July 2020 that the price was unchanged for two consecutive weeks. Over that 14-month period, the price has gained 243.80%.

Fastmarkets' weekly assessment for **steel hot-dipped galvanized coil (hot-rolled base), fob mill US** also was flat at \$109.50 per cwt (\$2,190 per ton). That assessment was introduced exactly a year ago and is up by 192% from its debut price.

All three of those assessments are at record highs. Inputs were collected in a range of \$107-120 per cwt for both CRC and galvanized base. Lead times are generally into December for spot orders, according to market participants.

A source at one mill said it has been able to sell a very small volume of spot material at higher than the \$110-per-cwt level. Other sources said maintenance outages are causing additional supply worries in the short-term, but slowness in the automotive rebound and incoming import tons will loosen up availability by December.

The coil market "will see one more very light increase the beginning of October - which would be December production - at about \$1 per cwt," an Ohio Valley service center source said. "Once they start booking for 2022, I would think it will be stable or slightly dip. Service centers have balanced inventories and no one is buying extra or speculation since the mills do seem to have a little more availability."

Other buyers said they see a potential for more persistent supply tightness. Mills have a special incentive to limit spot-market output at this time of the year and are still very reluctant to lower their offer prices at all.

The price spike "has definitely slowed, but we are still not seeing offers in the spot market that are at a discount," one coil consumer stated. "It appears most suppliers with availability have simply allowed their customer base to take more on contract to prevent more tons hitting the spot market."

**Multiple sheet mills in the US and Canada** have scheduled maintenance outages in October and November. Because of contractor labor shortages and potentially weaker market conditions on the horizon, some steelmakers may end up prolonging the outages beyond the stated end date.

"The one thing that we continue to caution customers about is that the outages are going to increase, and we would not be surprised if some of the blast furnaces that are down or going down for maintenance do not come back up right away if automotive continues to struggle, so it is plausible that things could tighten back up again as we get into the fourth quarter," the consumer said. "I still believe that the mills will do everything in their power to keep contract negotiations in their favor."

The semiconductor shortage that has inhibited automotive production threatens to extend into mid-2022, according to some industry analysts. That could lead to less near-term demand for CRC, but the steel mills have the option of sending any excess cold roll to their coating lines, where end-user demand is still quite robust, according to market participants.

"I don't think anyone has a true pulse on whether the outages are going to help offset the lack of automotive demand," a southern distributor said.

**If and when the chip shortage clears**, car production is likely to bounce back with a vengeance, bolstering coil procurement again. By one estimate, auto inventories are now at their lowest level in 70 years.

"I do think as the chips start to flow and auto production increases, it may add some holding power to current pricing," the Ohio Valley distributor said.

Mexico/US scrap news

## STEEL SCRAP WRAP: Slew of cargo buys boosts Turkey scrap import prices

By Cem Turken, Paul Lim, Lee Allen, Carrie Bone, Amy Hinton, Tianran Zhao - Friday 01 October

Rising demand led to higher ferrous scrap prices for material imported into Turkey in the week to Friday October 1, while prices in most other markets were comparatively lackluster.

- Turkish mills were increasingly active in the market over the week, leading to an uptick in regional import prices
- United States sellers were able to sell at higher levels amid an increased appetite for scrap in Turkey
- Demand from the construction sector bolstered Vietnamese scrap imports
- Chinese market activity was unremarkable in the approach to the National Day holiday period
- An end to restocking put downward pressure on Taiwanese import prices
- A resurgence of optimism in India's scrap market followed a drop in prices at the start of the week

### Turkey

Turkish mills bought eight cargoes for November shipment of Baltic, European, US and Venezuelan origin in the week to Friday October 1.

*Pricing history*

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

### United States

A Turkish mill returned to the United States deep-sea ferrous scrap market after a period of abstinence to purchase US origin scrap at a \$1- to \$4-per-tonne increase compared with the last US sale to the region, Fastmarkets learned on October 1.

*Pricing history*

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

### Vietnam

A resurgence in regional construction led to a surge in ferrous scrap imported into Vietnam over the course of the week.

*Pricing history*

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

### China

Chinese import prices for ferrous scrap remained stable in the lead up to the country's week-long National Day Holiday, which commenced on October 1.

*Pricing history*

steel scrap, heavy recycled steel materials, cfr China

### Taiwan

An end to Taiwanese restocking endeavors pushed down prices for imported containerized scrap into the country over the period.

*Pricing history*

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

### India

After falling at the beginning of the week, prices for Indian ferrous scrap looked set to rise by the end of it as a slew of higher offers with sentiment improved amid increased China billet sales.

*Pricing history*

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

GLOBAL WEEKLY SCRAP WRAP			
	Price on 01/10	Price on 24/09	Value change week on week
Steel scrap HMS 1&2 (80:20 mix) North Europe origin, cfr Turkey, \$/tonne	434.01	429.63	▲ 4.38
Steel scrap HMS 1&2 (80:20 mix) US origin, cfr Turkey, \$/tonne	440.69	435.19	▲ 5.50
Steel scrap HMS 1&2 (80:20 mix) export, fob main port UK, \$/tonne*	394.5	406	▼ 11.50
Steel scrap HMS 1&2 (80:20), export index, fob New York, \$/tonne	402.71	402.71	0.00
Steel scrap HMS 1&2 (80:20), export index, fob Los Angeles, \$/tonne	435	430	▲ 5.00
Steel scrap HMS 1&2 (80:20 mix) US material import, cfr main port Taiwan, \$/tonne*	460	463	▼ 3.00
Steel scrap, heavy recycled steel materials, cfr China, \$/tonne*	519.69	519.33	▲ 0.36
Steel scrap, shredded, index, import, cfr Nhava Sheva, India, \$/tonne	515.25	515.37	▼ 0.12
Steel scrap, shredded, import, cfr delivered Turkish port, \$/tonne*	454	451.5	▲ 2.50
Steel scrap HMS 1&2 (80:20), cfr Vietnam, \$/tonne*	517.5	512.5	▲ 5.00
*midpoint of the price assessment range			Source: Fastmarkets

## DAILY STEEL SCRAP: Turkish bookings reached eight cargoes this week

By Cem Turken - Friday 01 October

Turkish steel mills ended the working week with additional deep-sea cargo deals for November shipments, market participants told Fastmarkets on Friday October 1.

A steel mill in the Izmir region booked a US cargo comprising HMS 1&2 (80:20) at \$443 per tonne and shredded and bonus at \$458 per tonne cfr. Although, the cargo composition was not yet confirmed, the seller source said.

And a steel mill in the Marmara region booked a Baltic Sea cargo at \$434 per tonne cfr on an HMS 1&2 (80:20) basis. However, the cargo breakdown was not clear at the time of publication.

These bookings compare with previous Baltic-Sea deals heard on Thursday September 30 at \$434 and \$435 per tonne on an HMS 1&2 (80:20) basis.

As a result, the daily scrap indices increased at the end of the week.

Fastmarkets' daily index for steel scrap HMS 1&2 (80:20 mix) North Europe origin, cfr Turkey was calculated at \$434.01 per tonne on Friday October 1, up by \$4.26 per tonne day on day.

And Fastmarkets' calculation of the daily index for steel scrap HMS 1&2 (80:20 mix), United States origin, cfr Turkey was \$440.69 per tonne on October 1, up by \$5.38 per tonne day on day.

This put the premium for US-origin material over European scrap at \$6.68 per tonne on October 1, compared with \$5.56 per tonne on September 30.

With the latest booking, Turkish deep-sea scrap imports reached eight cargoes this week.

Three cargo deals were heard on Thursday September 30.

A steel mill in the Iskenderun region booked a Baltic Sea cargo comprising 12,000 tonnes of HMS 1&2 (80:20) at \$435 per tonne, along with 8,000 tonnes of shredded and 12,000 tonnes of bonus at \$450 per tonne cfr.

Another mill in the Izmir region also booked a 30,000-tonne Baltic Sea cargo consisting of HMS 1&2 (80:20) at \$434 per tonne and bonus at \$449 per tonne cfr.

A second steel mill in the Iskenderun region booked a European cargo, comprising 20,000 tonnes of HMS 1&2 (80:20), 10,000 tonnes of shredded, and 10,000 tonnes of a mixture of plate and structural (P&S) and HMS 1 at an average price of \$442 per tonne cfr.

Three deals were heard on September 28.

Another steel mill in the Marmara region booked a European cargo at \$426 per tonne cfr for HMS 1&2 (80:20).

The same mill also booked a Venezuelan cargo at \$434 per tonne cfr, also on an HMS 1&2 (80:20) basis – although this deal was not included in the calculation of Fastmarkets' daily indices because Venezuela is not a traditional origin for scrap.

A steel mill in northern Turkey booked a Baltic Sea cargo comprising 15,000 tonnes of HMS 1&2 (80:20) at \$442 per tonne and 15,000 tonnes of bonus at \$457 per tonne cfr.

*Fastmarkets is hosting a complimentary webinar on the European flat steel industry on October 12. Register free via [this link](#) to hear our experts and analysts discussing the biggest issues facing the market.*

### Monterrey scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0538	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Monterrey, peso/tonne	28 Sep 2021	10700	-2.73%	Sep 2021	11062.5
MB-STE-0542	Steel scrap machine shop turnings, consumer buying price, delivered mill Monterrey, peso/tonne	28 Sep 2021	8300	-4.05%	Sep 2021	8637.5
MB-STE-0540	Steel scrap No1 busheling, consumer buying price, delivered mill Monterrey, peso/tonne	28 Sep 2021	11000	-5.58%	Sep 2021	11675
MB-STE-0534	Steel scrap No1 heavy melt, consumer buying price, delivered mill Monterrey, peso/tonne	28 Sep 2021	8450	-8.15%	Sep 2021	9175
MB-STE-0536	Steel scrap shredded auto scrap, consumer buying price, delivered mill Monterrey, peso/tonne	28 Sep 2021	11300	-1.31%	Sep 2021	11512.5

### Bajio scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0554	Steel scrap No1 heavy melt, consumer buying price, delivered mill Bajio, peso/tonne	28 Sep 2021	7850	-7.10%	Sep 2021	8675
MB-STE-0548	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Bajio, peso/tonne	28 Sep 2021	9300	-1.59%	Sep 2021	9725
MB-STE-0556	Steel scrap shredded auto scrap, consumer buying price, delivered mill Bajio, peso/tonne	28 Sep 2021	11700	0.00%	Sep 2021	11850
MB-STE-0552	Steel scrap No1 busheling, consumer buying price, delivered mill Bajio, peso/tonne	28 Sep 2021	11700	-1.27%	Sep 2021	12037.5
MB-STE-0550	Steel scrap machine shop turnings, consumer buying price, delivered mill Bajio, peso/tonne	28 Sep 2021	7600	-2.56%	Sep 2021	8062.5

### Mexico/US steel news

## 'Buyer's strike' greets hollow sections hike

By Mark Burgess - Friday 01 October

Domestic price increases announced by producers for hollow structural sections (HSS) in the United States are receiving some serious pushback from customers.

"This is certainly not justified," a distributor source said. "I like prices to go up, but this is just dumb. It's time for a buyer's strike for a week or so. I'm not buying from any mills for a week. I can wait and I think most buyers can wait at this time."

The reaction came after Atlas Tube announced a \$75 per short ton (\$3.75 per hundredweight) minimum increase to its hollow section and mechanical tube products on Tuesday September 28. ExlTube, Hanna Steel and Welded Tube of Canada quickly followed suit with letters sent to customers the same day.

Bull Moose and Nova Tube joined the increase flurry on September 29.

All market participants are now waiting to see if a majority of customers eventually accept the price increase out of eventual demand needs or simple buyer's fatigue.

"I don't think the HSS price hike is justified unless scrap goes much higher, which is not likely unless winter is brutal," a southern distributor source said. "The Old Farmer's Almanac is predicting a much colder winter, so we'll see."

With the recent price increase still being debated among market participants, Fastmarkets' weekly assessment for **steel hollow sections ASTM A500 Grade B domestic, fob mill US** remained at \$2,425-2,475 per ton (\$121.25-123.75 per hundredweight) on September 30, unchanged since mid-August.

"I was expecting [an increase] a couple of weeks ago, but with hot-rolled stable, this just isn't justified," the first distributor source said. "It's the 'demand increase' I said might happen, but didn't think was smart with the market."

"For now, it's a unicorn increase. We think there is one, but we haven't seen it in real life."

At time of publication, Nucor Tube had yet to announce an increase that would likely seal the deal as far as major players are concerned, several sources said.

Fastmarkets' **daily index for HRC**, which is the substrate of hollow sections, was calculated at \$97.92 per cwt (\$1,958.40 per ton) on September 29. The index reached a record high of \$98.25 per cwt on September 20 and again on September 27.

HSS prices have now been flat for the past seven weeks due to HRC costs stabilizing somewhat through late August and most of September.

**Atlas also led the last price increase on August 10** - the 11th round of hollow section hikes this year and the 19th round since late August 2020, amounting to a combined increase of \$1,760 per ton in the past year.

At the time of the previous Atlas increase, Fastmarkets' HRC index was calculated at \$94.67 per cwt (\$1,893.40 per ton) on August 10. Since then, HRC has gradually climbed to the \$97-98.25-per-cwt range.

This means that tube producers are paying anywhere from \$46.60-\$71.60 per ton more for their primary substrate since the time of the last price increase.

### US hot-rolled coil/rebar prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0468	Steel hot-rolled coil index, fob mill US, \$/short ton	01 Oct 2021	1955.8	-0.30%	Sep 2021	
MB-STE-0180	Steel hot-rolled coil, import, ddp Houston, \$/short ton	29 Sep 2021	1470 - 1530	-1.96%	Sep 2021	1490 - 1550
MB-STE-0465	Steel reinforcing bar (rebar), fob mill US, \$/short ton	29 Sep 2021	985	0.00%	Sep 2021	
MB-STE-0171	Steel reinforcing bar (rebar), import, loaded truck Port of Houston for immediate delivery, \$/short ton	29 Sep 2021	940 - 960	0.00%	Sep 2021	942 - 964

## SPB

Source: [dashboard.fastmarkets.com/m/74fba24b-937e-4451-9960-041bac5bbfa3](https://dashboard.fastmarkets.com/m/74fba24b-937e-4451-9960-041bac5bbfa3)

### Pittsburgh

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0303	Steel scrap No1 heavy melt, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	410	-5.75%	Sep 2021	410
MB-STE-0304	Steel scrap No1 bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	571	-8.05%	Sep 2021	571
MB-STE-0305	Steel scrap No2 bundles, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	319	-7.27%	Sep 2021	319
MB-STE-0306	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	590	-7.81%	Sep 2021	590
MB-STE-0308	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	460	-5.15%	Sep 2021	460
MB-STE-0309	Steel scrap machine shop turnings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	335	-6.94%	Sep 2021	335
MB-STE-0310	Steel scrap cast iron borings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	290	-7.94%	Sep 2021	290
MB-STE-0312	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Pittsburgh, \$/gross ton	07 Sep 2021	445	-5.32%	Sep 2021	445
MB-STE-0598	Steel scrap punchings and plate, consumer buying price, delivered mill Pittsburgh, \$/gross ton	08 Sep 2021	792	-5.38%	Sep 2021	792

### Chicago

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0228	Steel scrap No1 heavy melt, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	430	-5.49%	Sep 2021	430
MB-STE-0229	Steel scrap No2 heavy melt, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	415	-5.68%	Sep 2021	415
MB-STE-0230	Steel scrap No1 bundles, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	585	-7.87%	Sep 2021	585
MB-STE-0231	Steel scrap No2 bundles, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	315	-7.35%	Sep 2021	315
MB-STE-0232	Steel scrap No1 busheling, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	580	-7.94%	Sep 2021	580
MB-STE-0233	Steel scrap shredded auto scrap, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	470	-2.08%	Sep 2021	470
MB-STE-0234	Steel scrap machine shop turnings, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	290	-7.94%	Sep 2021	290
MB-STE-0235	Steel scrap cast iron borings, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	320	-7.25%	Sep 2021	320
MB-STE-0236	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	584	-4.11%	Sep 2021	584
MB-STE-0237	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	465	-5.10%	Sep 2021	465
MB-STE-0577	Steel scrap low-residual, black foundry busheling, consumer buying price, delivered mill Chicago, \$/gross ton	08 Sep 2021	742	-6.31%	Sep 2021	742



Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0578	Steel scrap low-residual, ductile-quality shredded clips, consumer buying price, delivered mill Chicago, \$/gross ton	08 Sep 2021	742	-6.31%	Sep 2021	742
MB-STE-0579	Steel scrap low-alloy punchings, consumer buying price, delivered mill Chicago, \$/gross ton	08 Sep 2021	762	-6.16%	Sep 2021	762
MB-STE-0239	Steel scrap cupola cast, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	559	-4.28%	Sep 2021	559
MB-STE-0240	Steel scrap clean auto cast, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	622	-3.86%	Sep 2021	622
MB-STE-0243	Steel scrap drop broken machinery cast, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	537	-4.45%	Sep 2021	537
MB-STE-0246	Steel scrap steel car wheels, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	495	-4.81%	Sep 2021	495
MB-STE-0244	Steel scrap rail crops 2ft max, consumer buying price, delivered mill Chicago, \$/gross ton	07 Sep 2021	553	-4.33%	Sep 2021	553

### Philadelphia

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0285	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	400	-5.88%	Sep 2021	400
MB-STE-0286	Steel scrap No1 bundles, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	530	-7.02%	Sep 2021	530
MB-STE-0287	Steel scrap No2 bundles, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	335	-6.94%	Sep 2021	335
MB-STE-0288	Steel scrap No1 busheling, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	530	-7.02%	Sep 2021	530
MB-STE-0289	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	450	-5.26%	Sep 2021	450
MB-STE-0290	Steel scrap machine shop turnings, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	315	-7.35%	Sep 2021	315
MB-STE-0291	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	525	-4.55%	Sep 2021	525
MB-STE-0292	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	420	-3.45%	Sep 2021	420
MB-STE-0293	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Philadelphia, \$/gross ton	07 Sep 2021	410	-5.75%	Sep 2021	410

### St Louis

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0621	Steel scrap No1 heavy melting, broker buying price, fob St Louis, \$/gross ton	08 Sep 2021	385	-4.94%	Sep 2021	385
MB-STE-0622	Steel scrap No2 heavy melting, broker buying price, fob St Louis, \$/gross ton	08 Sep 2021	375	-5.06%	Sep 2021	375
MB-STE-0623	Steel scrap No1 busheling, broker buying price, fob St Louis, \$/gross ton	08 Sep 2021	565	-8.13%	Sep 2021	565
MB-STE-0624	Steel scrap No1 dealer bundles, broker buying price, fob St Louis, \$/gross ton	08 Sep 2021	560	-8.20%	Sep 2021	560
MB-STE-0626	Steel scrap shredded scrap, broker buying price, fob St Louis, \$/gross ton	08 Sep 2021	410	-4.65%	Sep 2021	410
MB-STE-0627	Steel scrap machine shop turnings, broker buying price, fob St Louis, \$/gross ton	08 Sep 2021	230	-8.00%	Sep 2021	230
MB-STE-0631	Steel scrap plate and structurals 5ft and under, broker buying price, fob St Louis, \$/gross ton	08 Sep 2021	400	-4.76%	Sep 2021	400

## Detroit

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0633	Steel scrap No1 heavy melting, broker buying price, fob Detroit, \$/gross ton	08 Sep 2021	270	-8.47%	Sep 2021	270
MB-STE-0634	Steel scrap No1 dealer bundles, broker buying price, fob Detroit, \$/gross ton	08 Sep 2021	390	-11.36%	Sep 2021	390
MB-STE-0635	Steel scrap No1 busheling, broker buying price, fob Detroit, \$/gross ton	08 Sep 2021	438	-10.25%	Sep 2021	438
MB-STE-0636	Steel scrap shredded scrap, broker buying price, fob Detroit, \$/gross ton	08 Sep 2021	318	-7.29%	Sep 2021	318
MB-STE-0637	Steel scrap plate and structurals 5ft and under, broker buying price, fob Detroit, \$/gross ton	08 Sep 2021	296	-7.79%	Sep 2021	296
MB-STE-0638	Steel scrap machine shop turnings, broker buying price, fob Detroit, \$/gross ton	08 Sep 2021	45	-35.71%	Sep 2021	45
MB-STE-0640	Steel scrap cast iron borings, broker buying price, fob Detroit, \$/gross ton	08 Sep 2021	75	-25.00%	Sep 2021	75

## Cleveland

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0255	Steel scrap No1 heavy melt, consumer buying price, delivered mill Cleveland, \$/gross ton	07 Sep 2021	425	-5.56%	Sep 2021	425
MB-STE-0256	Steel scrap No1 bundles, consumer buying price, delivered mill Cleveland, \$/gross ton	07 Sep 2021	620	-7.46%	Sep 2021	620
MB-STE-0257	Steel scrap No1 busheling, consumer buying price, delivered mill Cleveland, \$/gross ton	07 Sep 2021	620	-7.46%	Sep 2021	620
MB-STE-0258	Steel scrap shredded auto scrap, consumer buying price, delivered mill Cleveland, \$/gross ton	07 Sep 2021	460	-5.15%	Sep 2021	460
MB-STE-0259	Steel scrap machine shop turnings, consumer buying price, delivered mill Cleveland, \$/gross ton	07 Sep 2021	245	-9.26%	Sep 2021	245
MB-STE-0260	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Cleveland, \$/gross ton	07 Sep 2021	440	-5.38%	Sep 2021	440
MB-STE-0653	Steel scrap punchings and plate, broker buying price, fob Cleveland, \$/gross ton	08 Sep 2021	740	-5.73%	Sep 2021	740

## Cincinnati

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0249	Steel scrap No1 heavy melt, consumer buying price, delivered mill Cincinnati, \$/gross ton	07 Sep 2021	410	-5.75%	Sep 2021	410
MB-STE-0250	Steel scrap No1 bundles, consumer buying price, delivered mill Cincinnati, \$/gross ton	07 Sep 2021	565	-8.13%	Sep 2021	565
MB-STE-0251	Steel scrap No1 busheling, consumer buying price, delivered mill Cincinnati, \$/gross ton	07 Sep 2021	565	-8.13%	Sep 2021	565
MB-STE-0252	Steel scrap shredded auto scrap, consumer buying price, delivered mill Cincinnati, \$/gross ton	07 Sep 2021	430	-5.49%	Sep 2021	430
MB-STE-0253	Steel scrap machine shop turnings, consumer buying price, delivered mill Cincinnati, \$/gross ton	07 Sep 2021	247	-9.19%	Sep 2021	247
MB-STE-0254	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Cincinnati, \$/gross ton	07 Sep 2021	435	-5.43%	Sep 2021	435

## Birmingham

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0698	Steel scrap No1 heavy melting, broker buying price, fob Birmingham, \$/gross ton	08 Sep 2021	273	-6.83%	Sep 2021	273

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0699	Steel scrap No2 heavy melting, broker buying price, fob Birmingham, \$/gross ton	08 Sep 2021	263	-7.07%	Sep 2021	263
MB-STE-0700	Steel scrap No1 dealer bundles, broker buying price, fob Birmingham, \$/gross ton	08 Sep 2021	505	-7.34%	Sep 2021	505
MB-STE-0702	Steel scrap No1 busheling, broker buying price, fob Birmingham \$/gross ton	08 Sep 2021	475	-7.77%	Sep 2021	475
MB-STE-0703	Steel scrap shredded scrap, broker buying price, fob Birmingham \$/gross ton	08 Sep 2021	430	-4.44%	Sep 2021	430
MB-STE-0704	Steel scrap machine shop turnings, broker buying price, fob Birmingham \$/gross ton	08 Sep 2021	230	-8.00%	Sep 2021	230
MB-STE-0710	Steel scrap plate and structurals 5ft and under, broker buying price, fob Birmingham \$/gross ton	08 Sep 2021	345	-5.48%	Sep 2021	345

### 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	07 Sep 2021	420	-4.55%	Sep 2021	420
MB-STE-0323	Steel scrap No1 busheling, consumer buying price, delivered mill South Carolina, \$/gross ton	07 Sep 2021	540	-8.47%	Sep 2021	540
MB-STE-0324	Steel scrap shredded auto scrap, consumer buying price, delivered mill South Carolina, \$/gross ton	07 Sep 2021	440	-4.35%	Sep 2021	440
MB-STE-0325	Steel scrap machine shop turnings, consumer buying price, delivered mill South Carolina, \$/gross ton	07 Sep 2021	335	-5.63%	Sep 2021	335
MB-STE-0326	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill South Carolina, \$/gross ton	07 Sep 2021	430	-4.44%	Sep 2021	430

### New York

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0379	Steel scrap No1 heavy melt, export yard buying price, delivered to yard New York, \$/gross ton	27 Sep 2021	335	0.00%	Sep 2021	337.5
MB-STE-0380	Steel scrap No2 bundles, export yard buying price, delivered to yard New York, \$/gross ton	27 Sep 2021	285	0.00%	Sep 2021	287.5
MB-STE-0381	Steel scrap machine shop turnings, export yard buying price, delivered to yard New York, \$/gross ton	27 Sep 2021	230	0.00%	Sep 2021	232.5
MB-STE-0382	Steel scrap mixed cast, export yard buying price, delivered to yard New York, \$/gross ton	27 Sep 2021	330	0.00%	Sep 2021	332.5
MB-STE-0383	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard New York, \$/gross ton	27 Sep 2021	350	0.00%	Sep 2021	352.5
MB-STE-0384	Steel scrap auto bodies, export yard buying price, delivered to yard New York, \$/gross ton	27 Sep 2021	315	0.00%	Sep 2021	317.5
MB-STE-0385	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard New York, \$/gross ton	27 Sep 2021	345	0.00%	Sep 2021	347.5

### Boston

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0366	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Boston, \$/gross ton	27 Sep 2021	330	0.00%	Sep 2021	332.5
MB-STE-0369	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Boston, \$/gross ton	27 Sep 2021	330	0.00%	Sep 2021	332.5

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0370	Steel scrap auto bodies, export yard buying price, delivered to yard Boston, \$/gross ton	27 Sep 2021	225	0.00%	Sep 2021	230
MB-STE-0371	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Boston, \$/gross ton	27 Sep 2021	340	0.00%	Sep 2021	342.5

### Los Angeles

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0372	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Los Angeles, \$/gross ton	27 Sep 2021	265	0.00%	Sep 2021	265
MB-STE-0373	Steel scrap No2 bundles, export yard buying price, delivered to yard Los Angeles, \$/gross ton	27 Sep 2021	165	0.00%	Sep 2021	165
MB-STE-0374	Steel scrap No1 busheling, export yard buying price, delivered to yard Los Angeles, \$/gross ton	27 Sep 2021	275	0.00%	Sep 2021	275
MB-STE-0375	Steel scrap machine shop turnings, export yard buying price, delivered to yard Los Angeles, \$/gross ton	27 Sep 2021	60	0.00%	Sep 2021	60
MB-STE-0378	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Los Angeles, \$/gross ton	27 Sep 2021	275	0.00%	Sep 2021	275

### Seattle-Portland

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0409	Steel scrap No1 heavy melt, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	07 Sep 2021	(22)		Sep 2021	(22)
MB-STE-0411	Steel scrap machine shop turnings, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	07 Sep 2021	(22)		Sep 2021	(22)
MB-STE-0410	Steel scrap shredded auto scrap, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	07 Sep 2021	(21)		Sep 2021	(21)
MB-STE-0412	Steel scrap cut structural/plate 5ft max, consumer buying price trend, delivered mill Seattle/Portland, \$/gross ton	07 Sep 2021	(22)		Sep 2021	(22)

### Hamilton, Ontario

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0772	Steel scrap No1 heavy melting, broker buying price, fob Hamilton, Canadian \$/net ton	08 Sep 2021	294	-8.70%	Sep 2021	294
MB-STE-0773	Steel scrap No1 dealer bundles, broker buying price, fob Hamilton, Canadian \$/net ton	08 Sep 2021	586	-8.58%	Sep 2021	586
MB-STE-0774	Steel scrap No1 busheling, broker buying price, fob Hamilton, Canadian \$/net ton	08 Sep 2021	481	-10.26%	Sep 2021	481
MB-STE-0776	Steel scrap shredded scrap, broker buying price, fob Hamilton, Canadian \$/ net ton	08 Sep 2021	240	-10.45%	Sep 2021	240
MB-STE-0777	Steel scrap machine shop turnings, broker buying price, fob Hamilton, Canadian \$/ net ton	08 Sep 2021	186	-13.08%	Sep 2021	186

### Houston

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0765	Steel scrap No1 heavy melting, broker buying price, fob Houston \$/gross ton	08 Sep 2021	255	-7.27%	Sep 2021	255

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0766	Steel scrap No2 heavy melting, broker buying price, fob Houston \$/gross ton	08 Sep 2021	245	-7.55%	Sep 2021	245
MB-STE-0767	Steel scrap No1 busheling, broker buying price, fob Houston \$/gross ton	08 Sep 2021	430	-10.42%	Sep 2021	430
MB-STE-0768	Steel scrap shredded scrap, broker buying price, fob Houston \$/gross ton	08 Sep 2021	275	-6.78%	Sep 2021	275
MB-STE-0769	Steel scrap machine shop turnings, broker buying price, fob Houston \$/gross ton	08 Sep 2021	175	-10.26%	Sep 2021	175
MB-STE-0770	Steel scrap plate and structurals 5ft and under, broker buying price, fob Houston \$/gross ton	08 Sep 2021	280	-6.67%	Sep 2021	280

### Weekly composite prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0531	Steel scrap No1 heavy melt, consumer buying price, delivered mill, \$/gross ton, weekly composite	01 Oct 2021	413.33	0.00%	Sep 2021	
MB-STE-0526	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, \$/gross ton, weekly composite	01 Oct 2021	590	0.00%	Sep 2021	
MB-STE-0523	Steel scrap shredded auto scrap, consumer buying price, delivered mill, \$/gross ton, weekly composite	01 Oct 2021	462	0.00%	Sep 2021	

### Pittsburgh stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STSS-0046	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, \$/gross ton	28 Sep 2021	1971 - 2016	1.14%	Sep 2021	1937.5 - 2038.25
MB-STSS-0047	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, \$/gross ton	28 Sep 2021	1814 - 1904	0.60%	Sep 2021	1803 - 1920.75
MB-STSS-0133	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Sep 2021	1814 - 1904	0.00%	Sep 2021	1814 - 1904
MB-STSS-0134	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, \$/gross ton	10 Sep 2021	1669 - 1792	0.00%	Sep 2021	1669 - 1792

### Chicago stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STSS-0067	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, \$/gross ton	28 Sep 2021	1971 - 2016	0.00%	Sep 2021	1960 - 2038.25
MB-STSS-0068	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, \$/gross ton	28 Sep 2021	1814 - 1904	-1.80%	Sep 2021	1864.75 - 1920.75
MB-STSS-0069	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, \$/gross ton	28 Sep 2021	762 - 806	0.00%	Sep 2021	745 - 806

### Detroit stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STSS-0087	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, \$/gross ton	28 Sep 2021	1971 - 2016	0.00%	Sep 2021	1960 - 2038.25
MB-STSS-0088	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, \$/gross ton	28 Sep 2021	1814 - 1904	-1.20%	Sep 2021	1842.25 - 1920.75
MB-STSS-0048	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, \$/gross ton	28 Sep 2021	784 - 806	9.20%	Sep 2021	683.5 - 806

**Cleveland stainless steel scrap**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0196	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Cleveland, \$/gross	07 Sep 2021	1120 - 1456	0.00%	Sep 2021	1120 - 1456
MB-ST5-0197	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Cleveland, \$/gross	07 Sep 2021	896 - 1299	0.00%	Sep 2021	896 - 1299

**New York stainless steel scrap**

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ST5-0115	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, \$/gross ton	28 Sep 2021	2083 - 2106	0.79%	Sep 2021	2074.75 - 2100
MB-ST5-0116	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, \$/gross ton	28 Sep 2021	1299 - 1322	0.00%	Sep 2021	1299 - 1322
MB-ST5-0117	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, \$/gross ton	28 Sep 2021	470 - 493	0.00%	Sep 2021	470 - 493