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US steel imports down in Dec vs Nov

By Abby Verret - Thursday 27 January

Finished steel imports to the United States decreased month on month in December but roughly doubled year on year, according to government data.

A total of 2.62 million tonnes of steel arrived in the US in December, down by 8.33% from 2.86 million tonnes in November but nearly twice the 1.36 million tonnes shipped in December 2020, according to preliminary US Census Bureau data released on Thursday January 27.

While shipments of bloom, billet and slab to the US were up by 13.02% and imported tonnes of oil country goods increased slightly, most major products had fewer shipments into the US in December compared to November.

Reinforcing bar had the sharpest percentage decrease with 59,817 tonnes shipped in December, a 50.74% drop from 121,422 tonnes in November.

Hot-rolled sheet accounted for 67% of the total decrease in shipments to the US, with imports falling by 159,437 tonnes to 264,460 tonnes in December from 423,897 tonnes in November.

The largest declines by country were for products shipped from Russia - down by 62.11% to 102,998 tonnes in December from 271,866 tonnes in November - and Canada – down by 17.52% to 507,146 tonnes from 614,873 tonnes in the same comparison.

Canada was the largest supplier of foreign steel products to the US in 2021, shipping 7.59 million tonnes, with 1.93 million of those tonnes comprising hot-rolled sheet.

US IMPORTS OF STEEL MILL PRODUCTS
(in tonnes)

	December 2021 (p)	November 2021	% change	December 2020	% change
Total	**2,621,183**	**2,859,231**	**▼8.33**	**1,357,255**	**▲93.12**
Carbon and alloy	**2,518,514**	**2,773,807**	**▼9.20**	**1,306,019**	**▲92.84**
Blooms, billets and slabs	570,331	504,647	▲13.02	138,386	▲312.13
Hot-dipped galvanized sheet/strip	307,934	312,517	▼1.47	141,597	▲117.47
Hot-rolled sheet	264,460	423,897	▼37.61	148,579	▲77.99
Oil country goods	194,242	190,965	▲1.72	83,575	▲132.42
Cold-rolled sheet	170,633	209,866	▼18.69	94,307	▲80.93
Coiled plate	144,487	177,370	▼18.54	85,436	▲69.12
Hot-rolled bar	66,907	88,631	▼24.51	59,404	▲12.63
Reinforcing bar	59,817	121,422	▼50.74	44,464	▲34.53
Heavy structural shapes	38,912	66,499	▼41.48	19,655	▲97.98
Stainless	**102,669**	**85,424**	**▲20.19**	**51,236**	**▲100.38**

(p) - preliminary
Source: Compiled by Fastmarkets AMM from US Census Bureau data.

Hollow sections price 'landslide' gains speed

By Mark Burgess - Thursday 27 January

Prices for hollow structural sections (HSS) in the United States retreated for the eighth time since mid-November 2021, with sources agreeing the downhill slide is gaining momentum.

Fastmarkets' weekly price for steel hollow sections ASTM A500 Grade B domestic, fob mill US was assessed at $2,050-2,100 per short ton ($102.50-105.00 per hundredweight) on Thursday January 27, down by 2.35% from $2,100-2,150 per ton a week ago.

"The landslide has started," a northern producer source said.

HSS prices have dropped by 15.31% since hitting an all-time high at $2,425-2,475 per ton, where the assessment remained between mid-August and mid-November 2021.

Hot-rolled coil, the primary input cost for HSS, has dropped by 34.18% from an all-time high of $1,965 per ton in late September 2021 to a 10.5-month low of $1,293.40 per ton as of Wednesday January 26.

"Things aren't just getting bumpy, things are nearing full-blown crisis," a southern distributor source said. "It seems like a good time to think of all the capex and added capacity due from the mills soon. It's bumpy indeed."

Producers, buyers and distributors therefore are all buckling up for expected further corrections, sources said.

"Yeah, there's no choice but to brave the other side of the mountain," another southern distributor said. "We expect much lower numbers ahead. I believe HRC has another few hundred dollars to drop, so you're looking at $1,000 per ton for HRC before any rise."

One source mentioned "pockets" of offers ranging from $1,950-2,000 per ton, but no deals were confirmed at those levels and that was not believed to be the norm just yet.

The threat of cheaper import competition still exists, and foreign offers are being considered as an option – or at least a bargaining chip – by consumers.

"Pricing is correcting, but it is the traders and import-heavy buyers that are getting burned... Everybody else is buying a week's worth of inventory at a time and receiving it on time," a domestic producer source said.

"I think imports will be nonexistent in the second half and that we will probably start setting the floor on HRC by the end of next month," that source continued. "It will be a bloodbath, but everyone made a lot of money last year and expected to see a correction this year. It's been more dramatic than expected but is needed to keep import levels down to a sustainable level."

Fastmarkets assessed the price for steel hollow sections ASTM 500 Grade B import, ddp US port of entry at $1,800-1,850 per ton on Tuesday January 25, down by 2.67% from $1,850-$1,900 per ton on December 28, and sources have confirmed "very aggressive import offers of HSS from Korea" and Mexico.

Aggressive or not, the US producer source argued that looks can be deceiving

when consumers have to wait a matter of months for their product to arrive.

"Most folks who have bought import are anywhere from $100- to $200-per-ton upside down by the time they've arrived – normally two months late," he said. "The dramatic drop in the HRC market has made April/May offers from importers look like a pretty dumb idea. I've heard the Koreans are still in the upper $70s, lower $80s [per cwt], but even in the low $70s people could be upside down if the futures curve is accurate."

People on the move

By Mark Burgess - Thursday 27 January

A roundup of personnel changes in the metals world.

National Tube Supply — Jim Conley has been appointed purchasing manager for the University Park, Illinois-based supplier of carbon and alloy round mechanical tubing. Conley, most recently director of procurement and business development for Midwest Store Fixtures, will be in charge of MRP process review and inventory optimization at National Tube.

Reibus – Chris Shipp has joined the Atlanta-based online metals marketplace as vice president of strategic partnerships, company founder and chief executive officer John Armstrong announced on Tuesday January 25. In his new role, Shipp will help Reibus to continue to build its strategic partnerships with customers in the United States and around the world, Armstrong said.

Nucor Q4 earns peak despite fall in shipments

By Rijuta Dey Bera - Thursday 27 January

Nucor Corp posted its strongest quarterly results yet despite lower shipments and a month-long planned outage at its Kentucky sheet mill in December, the United States' biggest steel producer said in a statement on Thursday January 27.

NUCOR CORP (in thousands except per share)	2021	2020
Year ended December 31		
Net sales	$36,483, 939	$20,139,658
Net income	6,827,461	721,470
Per share	23.16	2.36
4th qtr ended December 31		
Net sales	$10,364,412	$5,260, 055
Net income	2,250,418	398,843
Per share	7.97	1.30

Strong demand in non-residential construction markets underpinned the increased earnings in the steel product segment, while raw material segment earnings decreased quarter on quarter due to margin compression at the company's direct-reduced iron (DRI) facilities.

Charlotte, North Carolina-based Nucor recorded consolidated net income of $2.25 billion, or $7.97 per diluted share, for the fourth quarter of 2021, according to its earnings release. That's up by 5.77% from $2.13 billion, or $7.28 per diluted share, in the third quarter and more than five times the year-earlier $398.84 million, or $1.30 per diluted share.

The latest quarterly results outperformed the company's forecast in December of $7.65-7.75 per diluted share for the period.

Nucor's consolidated net sales totaled $10.36 billion in the quarter ended December 31, up by 0.50% from $10.31 billion in the third quarter and by 97.04% from $5.26 billion in the fourth quarter of 2020.

For the full year, consolidated net income totaled $6.83 billion, or $23.16 per diluted share, nearly 10 times 2020 consolidated net income of $721.47 million, or $2.36 per diluted share.

Nucor's consolidated net sales of $36.48 billion in 2021 increased by 81.15% from $20.14 billion in 2020.

Average sales prices spike

The average sales price per ton in the fourth quarter increased by 12.0% sequentially and by 99.0% year on year, the company said, and the average sales price per ton for all of 2021 rose by 64.0% versus 2020.

US steel prices broke multiple records during 2021, with Fastmarkets' daily steel hot-rolled coil index, fob mill US reaching an all-time high of $98.25 per hundredweight ($1,965 per short ton) on September 20 and September 27 last year.

The nearly two-year rally in hot band prices began to soften in the fourth quarter of 2021, with the index last calculated at $64.67 per cwt on January 26 - its lowest level since March 16, 2021, when it was at $64.55 per cwt.

Steel mill segment earnings are expected to decline in the first quarter of 2022 due to decreased profitability at Nucor's sheet mills, the steelmaker said.

Raw material segment earnings are expected to pick up slightly sequentially in the first quarter due to improved profitability at the company's DRI facilities, partially offset by the impact of lower scrap prices on scrap brokerage and processing operations.

Shipments dip in quarter, rise in 2021

Volumes shipped to outside customers totaled 6.42 million tons in the fourth quarter, down by 10.53% sequentially from 7.17 million tons and by 1.06% from 6.49 million tons in the year-earlier quarter.

Steel mill shipments in the fourth quarter of 2021 decreased by 10.30% from the third quarter but increased by 1.31% compared with the fourth quarter of 2020.

Steel mill shipments to internal customers represented 22% of total steel mill shipments in the fourth quarter of 2021, a slight increase from 21% in the third quarter of 2021 and 19% in the fourth quarter of 2020.

Downstream steel product shipments to outside customers in the fourth quarter of 2021 decreased by 12.0% from the third quarter and by 1% from the fourth quarter of 2020.

For 2021 as a whole, volumes shipped to outside customers totaled 28.25 million tons, up by 10.69% from 25.52 million tons in 2020.

Scrap costs flat in Q4

The average scrap and scrap substitute cost per gross ton used in the fourth quarter was $508, a 0.59% decrease from $511 in the third quarter but a 66.56% increase from $305 in the fourth quarter of 2020.

The average scrap and scrap substitute cost per gross ton used in the full-year 2021 was $469, up by 61.72% from $290 in 2020.

Base metals

Chile's senate commission approves bill to tax copper output, profits

By Julian Luk, Renato Rostás - Thursday 27 January

Chile's new mining royalty bill, intended to impose a new tax on both copper sales and profits, cleared a further hurdle on Thursday January 27 despite strong industry opposition.

The bill, which has been approved by the senate's mining and energy commission, will add extra sales tax on miners in Chile, the world's biggest copper producer and home to the Escondida and Collahuasi operations.

Under the modified bill, projects producing less than 200,000 tonnes per year would pay a 1% tax on gross sales. For mining units larger than that, the rate would be variable at 1-3%, depending on annual average prices on the London Metal Exchange.

The new bill also proposes a tax on the adjusted mining exploration margin, which excludes amortization and depreciation and is similar to operating profits.

A table with the aforementioned presentation showed that such a tax could be at rates of 2-3% for prices up to $2.49 per lb; roughly 3.5-9% for prices of $2.50-3.49 per lb; and 11.5-40% when LME prices rise to $3.50-6.00 per lb.

"It would make major copper miners with 100% presence in Chile pay a higher effective tax rate, going from the low 40s% to approximately 50-55%," an analyst who closely follows the cost model for Chilean miners told Fastmarkets.

A Chilean mining official earlier told Fastmarkets that an effective tax rate of more than 50% would put Chile at a competitive disadvantage when it comes to attracting mining investment. The vice minister of mining, Edgar Blanco, told Fastmarkets that any changes to the current tax regime would need to keep the rate between 41% and 45%.

At current copper price levels, it is true that Chilean miners would be more heavily taxed compared with other mining jurisdictions.

The LME copper three-month official futures price has been between $9,565 per tonne and $10,039 per tonne ($4.34-4.55 per lb) since the beginning of this year. This compared with a monthly average price of $7,981.50 per tonne for January 2021.

On January 27, the mining and energy commission discussed a model for copper projects with output of 125,000 tpy and an average cost of $1.60 per lb.

Under the current tax regime, a company in such circumstances would pay an effective rate of 31.9% if copper prices were to average $4.50 per lb in a year. The modified bill, however, would increase that rate to 49.7% with an additional 1% over gross sales. And a 3% tax on sales would elevate that rate to 51.7%.

The presentation showed that the new royalty would be comparable only to the tax regimes in Peru and the Australian state of Queensland, which currently collect tax from mining profits with prices below $4 per lb. In the scenario of an average price of $4.50 per lb for a year, a miner would pay a 35.6% effective rate in Peru and 40.5% in Queensland.

The new royalty bill was previously approved by Chile's lower house in May 2021.

But changes to the bill were still possible. Even after approval from the senate's mining and energy commission on Thursday, the bill still must be approved by the finance commission, and then voted through by the senate.

The debate about royalties, however, has already made major stakeholders such as Freeport-McMoRan reluctant to pour further capital into Chilean copper projects, citing fears of rising costs.

US vaccine entry req may affect metals

By Yasemin Esmen - Thursday 27 January

The availability of metals in the United States could be affected by a new government mandate requiring all non-US individuals entering the country at land ports and ferry points to be vaccinated against Covid-19, market participants said.

The Department of Homeland Security (DHS) began requiring all non-US citizens, nationals or permanent residents entering the US "via land ports of entry and ferry terminals at the US-Mexico and US-Canada borders to be fully vaccinated for Covid-19 and provide proof of vaccination" effective Saturday January 22, DHS said.

"We take a lot of copper from Canada, so that does affect us," one copper trader said.

According to the US Geological Survey, 99% of copper ore and concentrate imports came from Mexico, while 55% of copper scrap imports and 26% of refined copper imports came from Canada between 2015 and 2018.

In a 2019 report, the Mexican government said foreign companies - mainly from Canada, the US, Spain, Germany and Japan - mine primarily gold, copper, zinc and uranium.

A second trader said he did not see the trucker vaccination issue being a problem, since most of the zinc and lead coming into the US from Mexico, as well as 75% from Canada, arrives by rail and not via truck.

"Plus, most truckers who come into the US from either country are 'regulars' and have been dealing with mandates and quarantines for nearly two years. I don't doubt that most of them have already taken all the steps and are probably a lot safer than certain segments of the US itself," he said.

A third trader agreed that most of the metal from both Mexico and Canada come via rail, unless the delivery point is very close to the border and the short distance makes it unfeasible to ship by rail.

"It also depends on how much the consumer takes... If it is not much, then [producers] are more likely to truck it," he said.

"This is called 'damned if you do, damned if you don't,'" another trader said, noting that this was an effort on the part of the government to try to stop the spread of Covid-19 but it could create backlogs and issues at the borders.

"So, pick your poison," he said.

In mid-January, Canada started enforcing a similar vaccine requirement at its borders, calling for all non-Canadian truck drivers to show proof of vaccination to be granted entry to the country.

High aluminium billet, PFA premiums underpin Alcoa record profit

By Orla O'Sullivan - Thursday 27 January

United States-based Alcoa sold more aluminium billet and primary foundry alloy in 2021, and at higher premiums, than it did in 2020, partly explaining its record annual profit for the year, but the producer declined to provide additional detail to Fastmarkets.

"Higher premiums for value-added products [including billet and primary foundry alloy (PFA)] drove a 31% increase in revenue in 2021 to $12.2 billion," Alcoa said recently when reporting its financial results for the year.

Alcoa's highest ever annual profit, of $429 million, reversed its $170 million loss in 2020, as previously reported by Fastmarkets. It was attributed to both the premium increases and "higher aluminium and alumina prices."

The producer's report of higher premiums for billet and PFA echoed Fastmarkets' latest price assessments, which showed both premiums up to record highs amid demand that was outstripping supply.

The aluminium primary foundry alloy silicon 7 ingot/T-bar premium, dlvd dup, over P1020A Midwest US, increased by 62.50% in the month to January 14 to an all-time high of 17-22 cents per lb. This was its first price increase since April 2021.

Meanwhile, the aluminium 6063 extrusion billet premium, delivered Midwest US, rose by 17.31% in the two weeks to January 14 to 27-34 cents per lb.

"We do not disclose shipment volumes by particular product in our aluminium business," a spokesperson for Alcoa said on January 22, when asked about its increased billet and PFA sales.

He did not respond at the time of publication to a follow-up request for comment on billet and PFA premium levels.

Alcoa's 2021 financial report, published on January 19, said: "[Overall] in aluminium, total third-party shipments were flat on a year-over-year basis."

But shipments did rise sharply for the product basket that included billet and PFA.

"Shipment volumes for value-added aluminium products increased by 18% in 2021 due to higher demand and the restart of [Aluminerie de Becancour, Canada, in the third quarter of 2020]," the report said.

"[Fourth-quarter] shipment volumes for value-added aluminium products - which include specific shapes and alloys such as billet, slab, foundry, and rod - increased by 9% [quarter on quarter], after removing the effects of the strike at the San Ciprián smelter," Alcoa added. "The workers' strike at San Ciprián [in Spain] blocked more than 50,000 tonnes of metal shipments."

Alcoa ranks among the top 10 global aluminium producers and among the top few in its home territory of the United States.

Alcoa achieved an average realized, third-party price for refined aluminium of $3,382 per tonne in the fourth quarter of 2021, up from $2,094 per tonne in the fourth quarter of 2020. It was $2,879 per tonne for the full year, up from $1,915 per tonne in 2020.

Fastmarkets assessed the aluminium 6063 extrusion billet premium, delivered Midwest US, at an all-time high of 27-34 cents per lb on January 14, up from 24-28 cents per lb on December 31.

LME copper and nickel prices dip; aluminium and zinc hold steady

By Ana de Liz, Carrie Bone - Thursday 27 January

Base metal prices on the London metal exchange diverged at the 5pm close on Thursday January 27, with aluminium and zinc holding steady while copper and nickel prices fell.

The three-month copper price at the 5pm close was $9,782 per tonne on Thursday, down by 1.36% from Wednesday's 5pm closing price of $9,916.50 per tonne. The price had reached a high of $9,878.50 per tonne and a low of $9,721 per tonne during the day.

The US dollar index rose to an intraday peak of 97.30 during trading on Thursday, its highest since July 2020, following the Federal Reserve's comments on the rise of interest rates.

"The weakness in copper and other commodity prices follows the hawkish statement from the United States Federal Reserve a day earlier. The Fed continued to hint to a rate increase at its next meeting in March," Fastmarkets analyst Boris Mikanikreza said.

"Fed Chairman Jerome Powell's Q&A, which followed the Fed's statement, triggered a sharp appreciation in the dollar after he suggested that the Fed was 'willing to move soon' and 'perhaps faster' than last time about its balance sheet reduction. Against this backdrop, copper and other commodity prices came under pressure," Mikanikreza added.

Elsewhere, the three-month nickel price had fallen to $22,398 per tonne by the 5pm close, down from Wednesday's 5pm close price of $22,695 per tonne. It had reached a high of $22,775 per tonne during the day and a low of $22,260 per tonne.

Aluminium's futures contract had a steady day, closing at $3,098.50 per tonne, slightly up compared with Wednesday's 5pm close of $3,094 per tonne. The price failed to remain above $3,100 per tonne, however, having reached a high of $3,117 per tonne during the day.

Tight supply continues to support prices, with with Russia-Ukraine tensions stoking concerns over supply, particularly in Europe.

Commerzbank analysts noted aluminium had "successfully resisted the price slide in the metals sector in the preceding days. Further concerns about supply have presumably been contributing to the high aluminium price in recent days. This time, market participants have been focusing on Russia and the potential scenario in which sanctions are imposed on the country amid the Ukraine conflict."

Zinc's three-month price was up by $20.50 on Thursday at the close to $3,630.50 per tonne, compared with Wednesday's 5pm close price of $3,610.00 per tonne. The galvanizing metal had over 9,000 lots traded on Thursday, its highest volumes since January 4.

Zinc's physical market remains tight globally, particularly in Europe and in the Unites States, where premiums are at their highest since Fastmarkets started covering those regions.

Zinc stocks on the LME continue to fall, with on-warrant levels down by 13% since the start of the year to 131,250 tonnes on Thursday.

Cu scrap discounts hold despite tight supply

By Kirstyn Petras - Thursday 27 January

Copper scrap discounts in the United States were mostly unchanged on Wednesday January 26, with sources citing a steadying market amid ongoing supply tightness.

One seller on January 26 pointed to shortages in the market as leading to some price increases and spreads narrowing down.

Fastmarkets' copper scrap No1 copper, discount, buying price, delivered to brass mill US narrowed to 9-11 cents per lb on Wednesday, down from 9-12 cents per lb on January 19.

Fastmarkets' copper scrap No1 copper, discount, buying price, delivered to refiners widened down to 17-20 cents per lb January 26 from 18-20 cents per lb on January 19.

Other market sources noted stability in pricing, however, with one source saying on Thursday January 27 that it "seems like all are in a holding pattern."

The market is "steady as she goes," a second seller said January 26.

Comex pricing inched upward week on week. The most-active March delivery Comex copper contract settled at $4.515 per lb on Wednesday, up by 1.01% from $4.47 per lb on January 19.

Most discounts to brass ingot makers also were steady on the week.

Fastmarkets' copper scrap No1 copper, discount, buying price, delivered to brass ingot makers narrowed down to 21-24 cents per lb from 21-25 cents per lb.

Meanwhile, the discounts for No1 bare bright, delivered to brass ingot makers; No2 copper, delivered to brass ingot makers; and light copper, delivered to brass ingot makers were unchanged at 7-10 cents per lb, 48-52 cents per lb and 55-57 cents per lb respectively.

For brass ingot makers' scrap, one buyer described current pricing as a "bargain."

Prices are "very cheap right now," the buyer said, adding: "[I] think in a few months, prices have to go up, and scrap prices will have to go up."

The buying prices for comp borings, turnings, delivered to brass ingot makers and copper scrap radiators, delivered to brass ingot makers were stable on the week at $3.20-3.23 per lb and $2.58-2.63 per lb respectively.

The buying price for copper scrap No1 comp solids, delivered to brass ingot makers, however, rose by 1.04% on the week to $3.39-3.42 per lb; and that for yellow brass solids, delivered to brass ingot makers increased by 1.62% to $2.80-2.84 per lb.

Sources cited rising export demand, particularly from Asian markets, as driving yellow brass prices upward.

COPPER AND BRASS SCRAP		
Brass mill scrap discounts*	**01/26/2022**	**01/19/2022**
No1 copper	9 to11	9 to 12
Refiners' copper scrap discounts*	**01/26/2022**	**01/19/2022**
No1 copper	17 to 20	18 to 20
No2 copper	50 to 53	50 to 53
Brass ingot makers' scrap discounts*	**01/26/2022**	**01/19/2022**
No1 bare bright	7 to 10	7 to 10
No1	21 to 24	21 to 25
No2	48 to 52	48 to 52
Light copper	55 to 57	55 to 57
Brass ingot makers' scrap prices (in cents per lb)	**01/26/2022**	**01/19/2022**
No1 comp solids	339 to 342	335 to 339
Comp borings, turnings	320 to 323	320 to 323
Radiators	258 to 263	258 to 263
Yellow brass solids	280 to 284	275 to 280
*Discounts, in cents, based on the most actively traded Comex copper contract.		Source: Fastmarkets

Cobalt outlook bullish through 2022 and beyond, ERG CEO says

By Andrea Hotter - Thursday 27 January

The situation in the global cobalt market is such that prices could climb to new highs through 2022 and beyond, according to the chief executive officer of diversified mining company Eurasian Resources Group (ERG).

Benedikt Sobotka said that the surging price of the metal, which rose by 119% in 2021, was giving a very clear message: the market is severely short of cobalt, a key ingredient in the batteries that power electric vehicles (EVs).

There were no discernible signs of any fundamental easing, he said, and prices remained on an upward trajectory while consumers struggle to secure the few available spot units - a situation that will persist, in his opinion.

Fastmarkets assessed the price of cobalt, standard grade, in-whs Rotterdam, at $34.20-34.60 per tonne on Thursday January 27 This was up from $18.50-19.30 per tonne on the corresponding date last year.

"While it seems 'obvious' to us today that much of the tightness is underscored by stellar demand growth from the EV segment," Sobotka said, "just a year ago, most of us would have sniggered with disbelief at the prospect of EV sales more than doubling in 2021.

"Yet it is now a reality, and the pace of EV adoption shows few signs of losing momentum, being supported by the global transition to a greener future," he said.

"We firmly believe that future EV sales will continue to exceed analysts' expectations, driven by governments' ambitious adoption goals and manufacturers' aggressive sales targets," he added.

Based on these announcements alone, ERG forecasts that EV sales should account for more than half of the automotive market by 2030, far exceeding consensual estimates of around 30%.

Sobotka noted that the use of cobalt-bearing lithium-ion batteries is bourgeoning across a spectrum of end-use sectors, from mobile electronics to e-mobility and battery energy storage systems.

"Even demand from traditional cobalt metal end-use sectors, which account for around one-quarter of overall consumption, looks set to undergo a boom

this year, spurred by the recovery of the aerospace sector," he said.

But according to Sobotka, cobalt supply was increasingly unable to keep pace with demand.

"The underlying reason behind this is straightforward: while giga-factories pop up at record speeds, developing industrial-scale mines still takes 10-15 years on average," he said.

"Importantly, downside risks surround the timely commissioning and ramping-up of many existing projects, in view of global shortages of mining equipment and the adoption of the historically troublesome high-pressure acid-leach technology at numerous mine projects in Indonesia," he added.

He also noted that the movement and availability of cobalt raw materials continued to be subject to logistics disruptions, which were likely to persist throughout this year.

Another factor affecting supply was that cobalt production is largely based in the Democratic Republic of Congo. The African nation is the world's largest producer of cobalt but it has had to confront continuing concerns about the health and safety of mining operations as well as the use of child labor at artisanal mines.

In turn, this has led the automotive sector in particular to turn away from the use of cobalt in batteries where possible, in an effort to reduce carmakers' exposure to potentially irresponsible production methods.

Sobotka pointed to growing consumer scrutiny of the cobalt supply chain, facilitated by tracing solutions and government efforts to introduce stronger controls to the sector.

Sobotka is co-chair of the Global Battery Alliance, a public-private collaboration platform founded in 2017 at the World Economic Forum to help establish a sustainable battery value chain by 2030.

ERG is the world's largest high-carbon ferrochrome producer by chrome content, and among the major cobalt producers. It is also a large producer of copper, the only producer of high-grade aluminium in the Republic of Kazakhstan, and one of the largest suppliers of alumina and iron ore in Eurasia.

Anglo American's Q4 copper production down 11% on lower grades

By Ana de Liz - Thursday 27 January

A summary of Anglo American's non-ferrous metals production for the fourth quarter and full year 2021, as published in its quarterly report on Thursday January 27.

- Copper production fell 4% in the fourth quarter, due to an 11% decrease in production at the Los Bronces mine in Chile in the quarter to 84,900 tonnes - although this was partially offset by an 11% increase in production at the Collahuasi mine.
- Production at Collahuasi was 66,000 tonnes, which Anglo American attributed to higher throughput as a result of strong plant performance in the quarter and the planned maintenance in the last quarter of 2020.
- The company said that severe drought continued to affect the the Chilean regions where its mines are located.
- While the impact on production during 2021 was mitigated by Anglo American's water management initiatives, "record low levels of precipitation during the year have reduced water availability for Los Bronces in the first half of 2022 and have been factored into production guidance."
- Anglo American decreased its copper production guidance for Chile for 2022, noting the impact of the drought and the lower grades at Los Bronces and Collahuasi.
- The British entity's full-year 2021 copper production was stable from 2020, despite the "ongoing water challenges from the severe drought conditions."
- Primary nickel production at its Brazilian operations at Barro Alto and Codemin was also down by 9% over the fourth quarter, but its group nickel production, including co-product nickel production from its platinium group of metals, was up 12% in 2021 to 64,000 tonnes.

Key figures
Copper

Fourth-quarter: 161,000 tonnes, down by 4% year on year
Full 2021 year: 647,000, no change form 2020

Nickel (Brazil operations only)
Fourth-quarter: 10,600 tonnes, down 9% year on year
Full 2021 year: 41,700 tonnes, down 4% year on year

Manganese ore
Fourth-quarter: 835,000 tonnes, down 11% year on year
Full 2021 year: 3.7 million tonnes, up 5% year on year

2022 guidance
Copper: 680,000-760,000 tonnes

Nickel: 40,000-42,000 tonnes

Key quotes from chief executive officer Mark Cutifani
- "As we move into 2022, we are pleased with the construction progress at Quellaveco, our new copper mine in Peru. We are on track and within budget, we mined our first ore in October 2021 and we are expecting our first production of copper concentrate in the middle of this year... We expect Quellaveco to produce 120,000-160,000 tonnes of copper production in 2022 and to average 300,000 tonnes per year for the first 10 years at full production."

Minor metals

European selenium price down on low offers in quiet market

By Fola Malomo - Thursday 27 January

European selenium market participants have been hearing of reduced offer prices and reduced bids, as well as finding it increasingly difficulty to secure deals, sources told Fastmarkets on Thursday January 27.

Fastmarkets' weekly price assessment for selenium, 99.5% Se min, in-whs Rotterdam, was $9.70-10.50 per lb on January 26, narrowing downward by 2.42% from $9.70-11.00 per lb the previous week.

There was a lack of confirmed business and a shortness of spot inquiries before the price drop. It went down in two consecutive pricing sessions on January 24 and 26.

"There have been no [new] spot inquiries," a producer said. "All spot inquiries have come from regular customers in the glass industry."

Selenium can be traded in different forms - as metal powder, granules or flakes, as selenium dioxide, or as 'selenium crude'.

Fastmarkets prices selenium powder of -200 mesh, or granules of 1-5mm. Market participants said that there was a dual market, one for selenium powder and another for granules.

"Things are quiet [for both powder and granules]. There have been a few small inquiries around $9.40 per lb for powder and $10.50 per lb for granules. [But] there is no chance of selling at $11.25 [per lb]," a European trader said.

Selenium is mainly used in the the production of electrolytic manganese, glass packaging, optics, semiconductors, pigments, and as an agricultural dietary supplement.

One producer reported difficulty in securing deals. "We tried to sell to a glass factory but we were rejected," he said. "According to them, they are able to buy much cheaper [from other sources]."

Before the drop in price on January 21, the market for selenium had been relatively quiet, with no change in the price for the majority of the month.

In the last two quarters of 2021, the price of selenium showed consecutive quarter-on-quarter increases, by 16.32% and 3.11%. The highest growth rate of the half-year was in July 2021, when producers secured strong sales and good volumes. Prices remained stable toward the end of the year, before a one-week dip-and-rise at the end of December, and an overall slight reduction for the month.

Market opinions differed on the outlook for selenium prices. One distributor reported being offered selenium granules sourced outside Rotterdam at the former high-end price of $11.00 per lb. "I don't see the high going down," he said.

But another producer source reported that the market was "either side of $10.50 per lb and stable."

Davide Ghilotti and Janie Davies in London contributed to this report.

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

By pricing@fastmarkets.com - Thursday 27 January

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

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

Fastmarkets assessed Cobalt standard grade, in-whs Rotterdam, $/lb at 34.20-34.60 on Thursday January 27, 2022.

- Bid at $34.30
- Bid at $34.40 for standard tonnage
- Bid at $34.40 for standard tonnage
- Offer at $34.60
- Offer at $35.00 for standard tonnage
- Deal heard at $34.55 for standard tonnage
- Deal heard at $34.60 for small tonnage
- Prices indicated at $34.20-34.60
- Prices indicated at $34.20-34.60
- Prices indicated at $34.20-34.70
- Prices indicated at $34.25-34.70
- Prices indicated at $34.25-34.75
- Prices indicated at $34.30-34.70
- Prices indicated at $34.30-34.75
- Prices indicated at $34.50-34.70
- Prices indicated at $34.50-34.95

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 - Thursday 27 January

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

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

Fastmarkets assessed Cobalt alloy grade, in-whs Rotterdam, $/lb at 34.20-34.70 on Thursday January 27, 2022.

- Sale at $34.45 for small tonnage
- Sale at $34.40 for small tonnage
- Sale at $34.50 for small tonnage
- Bid at $34.30
- Offer at $34.60
- Prices indicated at $34.20-34.70
- Prices indicated at $34.20-34.70
- Prices indicated at $34.20-34.70
- Prices indicated at $34.25-34.75
- Prices indicated at $34.25-34.70
- Prices indicated at $34.30-34.70
- Prices indicated at $34.30-34.75
- Prices indicated at $34.40-34.90
- Prices indicated at $34.50-34.70

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Ores and alloys

Fastmarkets AMM: Ferro-alloys January 27

By Chris Kavanagh - Thursday 27 January

The latest ferro-alloy prices from Fastmarkets price reporters.

Fastmarkets AMM

FERRO-ALLOYS

OCTOBER 1, 2018

Bushveld Minerals looks for 20% increase in FeV production in 2022

By Cristina Belda - Thursday 27 January

A summary of Bushveld Minerals' financial and production results for the fourth quarter and 12 months ended December 31, 2021.

Bushveld Minerals' vanadium resource base currently consists of three mineral assets - Vametco, Brits and Mokopane - while its processing facilities consist of Vametco and Vanchem, which are all situated in South Africa.

The company published its fourth-quarter and full-year operational update on its website on Wednesday January 26.

In brief
Annual sales totaled 3,314 tonnes of vanadium. This figure was lower than expected due to challenges in international logistics channels arising from Covid-19, civil unrest in South Africa, and disruptions at local ports in July and August. Consequently, the company was unable to ship some of the product produced during 2021, resulting in a build-up of finished products inventory amounting to 278 tonnes.

Production for 2021 was 3,592 tonnes, marginally lower than in 2020, when it reached 3,631 tonnes.

Bushveld has increased its production guidance for this year to 4,200-4,400 tonnes, because it expected to ramp-up output at the Vanchem facility. Consequently, 2021 guidance was set at 3,400-3,600 tonnes.

Construction has started work on a new vanadium electrolyte manufacturing plant in South Africa, which the company expected to commission in the second half of this year. This will be the largest publicly announced plant outside China, with capacity for 200MWh per year of vanadium electrolyte production.

Bushveld expected capital expenditure this year of $17 million, compared with $29 million in 2021.

Vametco
Fourth-quarter 2021 production was 700 tonnes, in line with third-quarter production of 703 tonnes.

Production for the full year of 2021 was 2,453 tonnes, down by 8% from 2,654 the previous year, due to lower production in the first half of 2021.

Production guidance is 2,450-2,550 tonnes.

Vanchem
Production for the fourth quarter of 2021 was 262 tonnes, down by 10% from 291 tonnes in the third quarter.

Total production in 2021 was 1,138 tonnes, up by 15% from 990 tonnes in 2020, due to Vanchem ramping-up production in that year and running at capacity in 2021.

Production guidance was set at 1,750-1,850 tonnes of vanadium.

Key quote
Fortune Mojapelo, chief executive officer, Bushveld Minerals

"Our focus on stable, achievable production levels on the back of operational improvements and enhanced safety helped us to reach the upper end of the full-year revised guidance and meet the unit-cost guidance, pursuant to rebasing in the first half of 2021.

"We continue to invest in sustaining and growth capital, to maintain the stable production base we have worked hard to achieve [in our] existing operations and to provide the platform to support the [planned] volume increase in 2022... Production growth is key to unit-cost reduction and margin expansion, as reflected in the guidance for 2022.

"Demand for vanadium in the United States, Europe and the rest of the world remains buoyant... Ferro-vanadium prices have strengthened and currently trade at an average of about $35 per kg V across [all] markets."

Steel

Steel demand strong, resilient to rate hikes: SMA

By Robert England - Thursday 27 January

Steel demand is expected to remain strong and resilient in the face of potential interest rate hikes that Federal Reserve chair Jerome Powell has said are likely to be implemented to tame rising inflation, industry leaders said during the winter board meeting of the Steel Manufacturers Association (SMA) on Thursday January 27.

"All we can do is see the marketplace through our own lens as steelmakers, [and] demand currently is incredible," Mark Millett, chairman and president of Steel Dynamics Inc (SDI) - who is serving as chairman of the board at SMA for the 2021-22 term - said at a press conference.

"In almost every sector out there today, we see demand continuing in a very robust manner through the rest of this year," Millet said

Philip K Bell, president of the SMA, agreed.

"Supply-chain issues have actually had a paradoxical effect, extending demand cycles in various industries, whether it's chips or automotive or housing," according to Bell.

Millett pointed out strength in a number of key markets for steel products, including the automotive sector, which produced 13 million vehicles last year but is expected to produce 15 million this year and 17 million next year, he said.

Noting that auto dealer inventories are 60% below normal levels, Millett said that "the pent-up demand for automotive since the restart to normalized levels is going to take a least a year at a high production rate. So we see automotive continuing in a very, very strong direction."

As for other sectors, "non-residential construction is equally as strong. It's pretty broadly based," with construction of hospitals, schools, pharmaceutical buildings, cloud computing buildings and distribution warehouses proceeding "at a very, very high clip," Millett said.

"Industrial demand is good, and energy is actually picking up [due to] higher energy prices," he continued. "There is good, good demand across virtually every steel consuming space."

Looking ahead, the Fed appears poised to announce an interest-rate hike in March.

"With inflation well above 2% and a strong labor market, the [Federal Open Market Committee] expects it will soon be appropriate to raise the target range for the federal funds rate," the central bank said in a statement released Wednesday January 26 after its two-day meeting.

"I would say that the committee is of a mind to raise the federal funds rate at the March meeting, assuming that the conditions are appropriate for doing so," Powell added during in a press conference following the meeting.

But a rate hike in March, which would be the first in more than three years, is by no means certain, Powell said.

"We have our eyes on the risks, particularly around the world.... We do expect some softening in the economy from Omicron, but we think that should be temporary. And we think [that] the underlying strength of the economy should show through fairly quickly after that," he explained.

Powell has pointed to potential improvements in the supply chain - such as increased supply of semiconductor chips - and to the prospect of reduced fiscal stimulus, as potentially also contributing to the Fed's effort to lower inflation over time to its 2% target level.

The Fed also will end its monthly purchases of Treasuries and mortgage-backed securities in March; and, as part of its effort to reduce inflationary pressures, the Fed will adjust reinvestments so that some of the securities on its balance sheet roll off as they mature and no new purchases are made to replace them, Powell said.

"I think the Fed has done a reasonably good job in signaling this rate increase for quite some time, so this isn't necessarily catching folks off guard. And I think that it's going to be [done] in a very measured way," Bell concluded.

US Steel earns more than $1bln in Q4 2021

By Dom Yanchunas - Thursday 27 January

US Steel said it earned $1.069 billion in the fourth quarter of 2021, aided by higher steel shipments, greater market share and a healthier financial structure.

Adjusted earnings were $1.038 billion in the quarter, the Pittsburgh-based steelmaker said in a press release on Thursday January 27. Full-year 2021 net earnings were $4.174 billion, compared to a loss of over $1 billion in 2020.

Revenue in the fourth quarter more than doubled to $5.62 billion, US Steel said. The company shipped about 3.75 million tons in the quarter, compared with 3.17 million tons in the fourth quarter of 2020.

"Through our 'best for all' customer-centric strategy, US Steel continues to gain market share with our clear competitive advantages: low-cost iron ore, mini-mill steelmaking, and best-in-class finishing capabilities," president and chief executive officer David Burritt said in Thursday's statement.

The $1.069 billion of net earnings was more than 20 times the $49 million of earnings posted in the fourth quarter of 2020. Both the flat-roll and tubular operations swung to a profit in the recent quarter after losing money in the year-earlier quarter, the company stated.

US hot-rolled coil index continues to slide

By Abby Verret - Thursday 27 January

Hot-rolled coil prices in the United States fell again one day after hitting a ten-and-a-half-month low, due to factors ranging from competitive imports to Covid-19 pandemic-related labor shortages creating ongoing downward pressure.

Fastmarkets' daily steel hot-rolled coil index, fob mill US was calculated at $62.90 per hundredweight ($1,258 per short ton) on Thursday January 27, down by 2.74% from $64.67 per cwt on Wednesday January 26 and down by 13.18% from $72.45 per cwt one week prior.

Fresh inputs were received in the distributor and producer sub-indices in a range of $56.00-73.50 per cwt, representing offers and general indications of current spot market pricing. An input at the high end of the range was discarded at the assessor's discretion because it fell outside the geographical footprint of Fastmarkets' methodology specifications. An input was carried over in the consumer sub-index due to a lack of liquidity there.

Heard in the market

The HRC index is now at its lowest level since March 5, 2021, when the price was calculated at $62.56 per cwt.

A producer source said spot orders were still coming in, but customers have been holding off when possible to see what the price does next. Current spot market prices almost exclusively represent the rates for small-tonnage deals, due to buyer hesitation and well-stocked inventories, he added.

Improvements in automotive activity, a narrowing of the gap between domestic and foreign prices, a reduction in Covid-19 cases and the depletion of current inventories will all factor into where and when the price level stabilizes, the producer source said.

Quote of the day

"A lot of customers' demand is being impacted not by people not wanting the product but by the fact that people don't have the workers in their plants because of Covid," the producer source said. "Until that improves, you'll see a backup all the way to the mills."

Saudi Aramco awards steel pipe contract to Arabian Pipes Co

By Elina Virchenko - Thursday 27 January

Arabian Pipes Co has been awarded a contract to supply pipe to Saudi Arabian Oil Co (Saudi Aramco), valued at around 268 million Saudi Arabian riyals ($71.37 million), according to an announcement on Saudi Stock Exchange "Tadawul" on Wednesday January 26.

The 13-month contract was awarded on January 25 for steel pipe produced by Arabian Pipes Co's factories, with the company's financial statements to be impacted from the third quarter of 2022 through the first quarter of 2023, according to the announcement.

Arabian Pipes Co operates two factories in Saudi Arabia, according to the company's website.

Its plant in Riyadh has an annual capacity of 160,000 tonnes of electric-resistance welded pipe from 6-20in.

The plant in Jubail Industrial City has an annual capacity of 300,000 tonnes of longitudinally submerged arc welding pipe from 16-48in.

In November, Arabian Pipes Co won a contract valued at 66 million riyals to provide Saudi Aramco with steel pipe.

EU to increase anti-dumping duty into Severstal's HRC to €75 per tonne

By Maria Tanatar - Thursday 27 January

The European Commission (EC) is planning to increase anti-dumping duty on hot-rolled coil imports from Russia's Severstal to €75 ($85) per tonne, sources told Fastmarkets.

Existing duty on Severstal's HRC is €17.60 per tonne and it had been the lowest compared to other exporters subject to trade measures. As a result, the producer was the only Russian mill that continued to export HRC to Europe, sources told Fastmarkets.

The EC had started an investigation review of existing measures in mid-January last year following the request of the European steel association Eurofer.

The investigation is scheduled to end within 12-15 months from the date of the notice.

In January-November of 2021, Russia exported about 1.99 million tonnes of HRC to the EU, up from about 1.49 million tonnes in 2020 and from 1.32 million in 2019, according to Eurofer statistics.

US stainless surcharges mostly up for February

By Robert England - Thursday 27 January

Stainless steel raw material surcharges for flat-rolled products in the United States will rise for all nickel-bearing grades in January, according to stainless steel producers.

Alloy costs

Surcharges were higher for nickel and molybdenum, flat for chrome and manganese, and lower for iron, according monthly surcharge sheets from the producers.

The increase in the surcharge for Type 201 product ranges from 0.47-0.69 cents per lb. For Type 304, the rise ranges from 3.16-3.25 cents per lb. For Type 316, the surcharge hike ranges from 4.89-5.32 cents per lb. Surcharges for Type 430 material are set to fall by between 2.19 and 2.29 cents per lb on lower iron costs.

The London Metal Exchange's three-month nickel contract closed the official session on Wednesday January 26 at $22,800 per tonne ($10.34 per lb), up 13.72% from $20,050 per tonne ($9.09 per lb) on December 23, 2021, and up by 11.63% from $20,425 per tonne ($9.26 per lb) on November 23, 2021.

Fastmarkets' monthly assessment for stainless steel 304 cold-rolled sheet, fob mill US was $205 per hundredweight ($4,100 per short ton) on January 10, up 2.50% from $200 per cwt on December 10 and up by 6.77% from $192 per cwt on November 10.

FLAT-ROLLED STAINLESS STEEL SURCHARGES (in cents per lb)			
	February 2022	January 2022	Change
Allegheny Technologies Inc			
Type 201	95.79	95.11	▲0.68
Type 304	127.18	123.93	▲3.25
Type 316	179.96	174.67	▲5.29
Type 430	51.80	54.00	▼2.20
Cleveland-Cliffs Steel Corp			
Type 201	87.95	87.48	▲0.47
Type 304	118.87	115.71	▲3.16
Type 316	171.34	166.45	▲4.89
Type 430	43.49	45.78	▼2.29
North American Stainless Inc			
Type 201	87.37	86.69	▲0.68
Type 304	120.60	117.35	▲3.25
Type 316	173.41	168.09	▲5.32
Type 430	45.22	47.41	▼2.19
Outokumpu Stainless USA LLC			
Type 201	92.23	91.54	▲0.69
Type 304	122.23	118.98	▲3.25
Type 316	174.67	169.73	▲4.94
Type 430	46.87	49.07	▼2.20

Source: Compiled by Fastmarkets based on company data.

Egypt steel billet import prices continue upward trend

By Ross Yeo - Thursday 27 January

The price of steel billet imported to Egypt continued rising in the week ended Thursday January 27, with a number of deals heard from the Black Sea.

Domestic rebar prices were stable, with new prices for February likely to be announced in the coming days, sources said.

Billet imports

Three deals were heard in the week, booked from the Black Sea, although details were lacking.

The first was priced at $685 per tonne cfr, the second at $690 per cfr, while the third was $$650-655 per tonne plus extras.

Offers were heard in the range $670-685 per tonne cfr.

Fastmarkets' weekly assessment for steel billet import, cfr main port Egypt was $665-675 per tonne on Thursday, up by $15 per tonne from $665-675 per tonne a week earlier.

The upward trend has mirrored that of the CIS billet export market, which has been rising since the start of the year.

On Thursday, Fastmarkets' daily steel billet index export, fob Black Sea, CIS was calculated at $649 per tonne, up by $24 per tonne from $626 per tonne a week earlier.

Rebar

Egyptian rebar producers have yet to announce prices for February, with new prices expected in the coming days.

Statistics showed that consumption was lower in December month on month and year on year. Producers were undecided on whether this had changed in January.

Demand was described as moderately good by one producer, who also noted that availability is lower now than this time last year, which could be giving the impression of better demand.

"Rebar consumption in December 2021 decreased by 15.93% month to month and decreased by 19.84% year on year. Consumption was 653,900 tonnes compared with 777,800 tonnes in November 2021 and 815,700 tonnes in December 2020," chief business development officer at El Marakby Steel Ramy Salah said.

Producers declined to comment on whether lower demand was putting any pressure on rebar prices.

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

Prices for CRC, HDG inch down across Europe

By Maria Tanatar - Thursday 27 January

Domestic prices for cold-rolled and hot-dipped galvanized coil fell in both Northern and Southern Europe in the week to Wednesday January 26, sources told Fastmarkets.

The negative correction, however, was not viewed as a downtrend by market participants; they believe that prices have re-adjusted following a jump earlier this month.

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

Some sources also said that despite limited automotive industry demand recovery, construction showed healthy consumption so HDG prices were still supported. CRC - material sold primarily into car manufacturing – has been under stronger downward pressure.

Northern Europe

Fastmarkets' weekly price assessment for steel hot-dipped galvanized coil, domestic, exw Northern Europe was €1,090-1,150 ($1,223-1,297) per tonne on January 26, compared with €1,100-1,150 a week earlier.

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

The corresponding weekly price assessment for steel cold-rolled coil, domestic, exw Northern Europe was €1,085-1,100 per tonne this week, down by €15-30 per tonne from €1,100-1,130 per tonne on January 19.

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

Southern Europe

Fastmarkets' weekly price assessment for steel hot-dipped galvanized coil, domestic, exw Southern Europe was €1,030-1,080 per tonne on January 26, down by €10-20 per tonne week on week from €1,040-1,100 per tonne.

The assessment was based on offers heard in the market.

Italian steelmakers have not followed the same strategy in their downstream coil offers. Some producers, particularly an integrated mill in the south of Italy, have been offering HDG at the lower end of the assessment range. The Italian mill was ready to give additional discounts, sources said.

The corresponding weekly price assessment for steel cold-rolled coil, domestic, exw Southern Europe was €1,020-1,060 per tonne on January 26, compared with €1,020-1,090 per tonne a week earlier.

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

European HRC market flat but ArcelorMittal eyes rises

By Julia Bolotova - Thursday 27 January

Steel hot-rolled coil prices across Europe remained largely flat on Thursday January 27, but ArcelorMittal announced a €50 ($56.40) per tonne price increase, sources told Fastmarkets.

ArcelorMittal, Europe's flagship producer, announced a €50 per tonne price increase for spot HRC across Europe, several market participants said.

Although the increase amount was clear, market sources reported different final offers - one offer was reported at €970 per tonne ex-works and another at €1,020-1,040 per tonne ex-works.

"They [ArcelorMittal] are making general announcements but so far I've not received a specific new price; old prices are gone but new ones are yet to come. These will be asking prices not transactions," a trading source in the EU said.

In the first half of January the company implemented a similar increase for downstream flat steel products, pushing offers of hot-dipped galvanized to €1,060 per tonne ex-works. The market was expecting a similar move for HRC.

Market participants in northern Europe estimated the workable price level for HRC to be no higher than €920-930 per tonne ex-works.

Trading in the region was subdued, with buyers taking their time to evaluate the market.

European mills have been optimistic, however, expecting HRC prices to rise with improved automotive demand. Increasing raw materials and logistics costs have also supported producers' bullish moods.

Fastmarkets calculated its daily steel hot-rolled coil index, domestic, exw northern Europe at €925.00 ($1,043.59) per tonne on January 27, stable day on day.

The index was down by €18.00 per tonne week on week, but up by €21.67 per tonne month on month.

The calculation was based on achievable prices estimated by market sources at €920-930 per tonne ex-works.

A deal for HRC from eastern Europe to Germany was reported at around €920-930 per tonne ex-works.

Two offers were reported, one at €970 per tonne ex-works and another at €1,020-1,040 per tonne ex-works, but neither was included in the index calculation because they were substantially above the workable price level reported by other sources.

Fastmarkets calculated its corresponding daily steel HRC index, domestic, exw Italy at €836.25 per tonne on Thursday, up by just €4.58 per tonne from €831.67 per tonne ex-works on Wednesday.

The Italian index was stable week on week but up by €18.75 per tonne month on month.

The calculation was based on achievable prices heard at €920-930 per tonne ex-works and offers heard at €850 per tonne ex-works.

One source reported an offer of €970 per tonne ex-works for second-quarter rolling HRC. It was not included in the index calculation, however, since it had not been widely confirmed by the market.

Italian mills were largely sold out for March-rolling material; sources expected mills to increase offers for HRC from second-quarter production.

Imports

Offers of Russia-origin HRC to northern European ports were heard at €960 per tonne cfr, duty included.

HRC offers from Turkey and Asia to southern ports were heard in the range of €780-800 per tonne cfr.

European ports have recently started to increase storage costs for steel due to high volumes and a lack of storage capacity, sources said.

Demand for storage space has increased because buyers have been building inventories at the port to be cleared through customs after the next quota period begins in April, when they will no longer be subject to duties until that new quota is exceeded.

Turkish mills book more deep-sea scrap, prices stable

By Cem Turken - Thursday 27 January

Turkish steel mills continued buying deep-sea scrap at a slow pace on Thursday January 27, but the market could improve if long steel sales to Southeast Asia continue, sources told Fastmarkets.

A steel mill in the Marmara 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 bonus at an average price of $471 per tonne cfr.

Market participants said the HMS 1&2 (80:20) price was $461 per tonne cfr, with the shredded and bonus at $481 per tonne cfr.

Previous deals were concluded at $470-472 per tonne cfr on an HMS 1&2 (80:20) basis, but from the United States, which usually trades at a premium over European material.

As a result of the fresh deal, Fastmarkets' daily scrap indices edged down on Thursday January 27.

Fastmarkets' calculation of its daily index for steel scrap, HMS 1&2 (80:20 mix), North Europe origin, cfr Turkey was $462.87 per tonne on Thursday, down by $1.09 per tonne, while the corresponding daily index for steel scrap, HMS 1&2 (80:20 mix), US origin, cfr Turkey was $471.16 per tonne, also down by $1.09 per tonne, leaving the premium for US-origin material over European scrap at $8.29 per tonne.

Turkish steel mills have been keeping their deep-sea scrap purchases slow for a while due to limited finished long steel demand in the country's major export markets. But the recent sale of rebar to Singapore - when a mill in the Izmir region was heard selling 55,000 tonnes of rebar to Singapore at $701 per tonne fob on an actual-weight basis - has lifted morale in the market and

raised hopes of further sales to that destination.

"The recent Singapore booking could lead to an increase in prices [and] I heard that demand from the region is improving," a Turkish source told Fastmarkets.

"This is good because scrap prices will remain firm even as severe weather conditions in the US raise collection costs," the source added.

Fresh rebar sale to SE Asia buoys Turkish market

By Cem Turken - Thursday 27 January

Turkish long steel export markets saw some recovery with the news of a fresh cargo sold to Southeast Asia after a long hiatus, market participants told Fastmarkets on Thursday January 27.

A steel mill in the Izmir region reportedly sold 55,000 tonnes of rebar to Singapore at $701 per tonne fob on an actual weight basis.

Market sources said that the Izmir mill achieved the rebar booking with the help of securing a lower freight price. The freight cost was said to be around $45-50 per tonne.

With the freight rate, the transaction price was calculated at around $725 per tonne cfr on a theoretical weight basis, sources told Fastmarkets.

Steel mills in Turkey had been trying to increase their offers for long steel products amid increasing input costs.

Rebar export offers were at $710-715 per tonne fob on an actual weight basis, but some mills were already trying for levels of $720-725 per tonne, sources said.

Fastmarkets' weekly price assessment for steel reinforcing bar (rebar), export, fob main port Turkey was $700-715 per tonne on Thursday January 27, unchanged week on week.

Turkish steel mills have raised their wire rod export offers to $810-815 amid increasing costs.

Fastmarkets' weekly price assessment for steel wire rod (mesh quality), export, fob main port Turkey was $810-815 per tonne on Thursday January 27, up from $790-800 per tonne the previous week.

Turkish billet import prices rise on higher offers from the CIS

By Cem Turken - Thursday 27 January

Turkish billet import prices have increased over the past week amid strengthening Egyptian demand for material exported from the Commonwealth of Independent States (CIS), market participants told Fastmarkets on Thursday January 27.

A 15,000-tonne standard grade cargo was reported sold to Egypt at $635 fob last week, while a few more cargoes but with changed chemistry that required extra payment were heard sold above $640 per tonne fob Black Sea.

Following these sales, offers for Turkish customers rose to $675-680 per tonne cfr from the CIS suppliers. But Turkish buyers were only bidding $650-655 per tonne cfr.

Fastmarkets' weekly price assessment for steel billet, import, cfr main port Turkey, was $655-675 per tonne on Thursday, up by $10-20 per tonne from $645-655 per tonne a week earlier.

Meanwhile, domestic and export billet prices in Turkey were stable over the past week.

Fastmarkets' weekly price assessment for steel billet, domestic, exw Turkey, was $665-670 per tonne on Thursday, unchanged week on week.

Fastmarkets' weekly price assessment for steel billet, export, fob main port Turkey, was also flat from a week earlier at $665-670 per tonne on Thursday.

ArcelorMittal invests $5mln in hydrogen company

By Carrie Bone - Thursday 27 January

ArcelorMittal has made a $5 million investment in hydrogen company H2Pro through its XCarb innovation fund, the company said on January 25.

The steelmaker said the investment was part of a $75 million Series B fundraising by H2Pro, which produces hydrogen from water.

The process is similar to electrolysis but its technology, Electrochemical – Thermally Activated Chemical (E-TAC) - uses electricity to split water into hydrogen and oxygen. Unlike conventional electrolysis, hydrogen and oxygen are generated separately in different steps – an Electrochemical step and a Thermally Activated Chemical step.

The technology was developed at Technion, Israel Institute of Technology, and offers energy efficiency of over 95% - higher than traditional water electrolysis technologies, which typically deliver energy efficiency of around 70%, it said.

The company said the technology should prove more cost effective than traditional electrolysis; it expects capex costs to be broadly halved, alongside lower operational costs.

For many steelmakers who are looking at utilizing hydrogen to reduce their emissions, having hydrogen at a competitive cost is one of the key barriers for implantation and commercial viability of their project.

Arcelormittal has previously announced several projects to utilize hydrogen to decarbonize its steelworkers across Europe including in Spain and Germany, but has cited funding and access to suffice volumes of hydrogen as stipulations.

It is targeting producing hydrogen at a cost of under $2 per kg by 2023, when the first commercial megawatt scale project is anticipated to move into production, before a cost of under $1 per kg by 2030.

"The potential green hydrogen holds to deliver deep decarbonization of the steelmaking process is well understood. Although the technology required to directly reduce iron ore using hydrogen still needs to mature, the greater challenge with this new method of ironmaking is the cost and availability of the energy input – green hydrogen," chief technology officer, ArcelorMittal Pinakin Chaubal said .

"Given H2Pro's focus on developing a novel technology which aims to produce green hydrogen in an energy efficient manner at competitive costs, it is a very welcome and natural addition to our XCarb innovation fund investment portfolio. Although at an early stage, E-TAC is a very exciting technology and we look forward to working with the H2Pro team as it seeks to move it into commercial production," Chaubal added.

"Green hydrogen is one of a small number of tools in the world's decarbonization toolbox. To become a viable tool, green hydrogen needs to be cheaper -- much cheaper. Over the last couple of years, we've made tremendous progress and with this round of funding we're not only on track to deliver on our promise of cheap green hydrogen technology, but we will

also be able to setup manufacturing," chief executive of H2Pro Talmon Marco said.

This recent venture brings the xcarb innovation funds investments to $180 million since its launch in March 2021.

Investments made so far by Arcelormittal include $10 million in renewable energy company Heliogen and $25 million in the development of energy storage technology by Form Energy.

The company also invested $30 million in carbon recycling company LanzaTech and $100 million in Bill Gates founded Breakthrough Energy Catalyst program.

Seaborne coking coal prices flat; Longwall at Grosvenor mine to recommence in Q1

By Min Li - Thursday 27 January

Seaborne coking coal prices were flat on Thursday January 27 amid quiet markets, while the longwall at Grosvenor mine, owned by Anglo American, was operationally ready for recommencement in the first quarter of 2022, the miner said in its quarterly report.

Fastmarkets indices
Premium hard coking coal, cfr Jingtang: $405.28 per tonne, unchanged

Hard coking coal, cfr Jingtang: $361.18 per tonne, unchanged
Premium hard coking coal, fob DBCT: $445.10 per tonne, unchanged
Hard coking coal, fob DBCT: $391.84 per tonne, unchanged

The fob Australia market was relatively quiet on Thursday, with no bids or offers heard, sources said.

Anglo American said in its fourth-quarter 2021 production report that development activity at Grosvenor metallurgical coal mine progressed well and the longwall was operationally ready for recommencement in the first quarter of 2022.

Mining operations at Grosvenor halted in May 2020 due to an explosion and mine development activities resumed in June 2021.

This will bring more coking coal supply to the market, helping coking coal price corrections, a trading source at a major European steel mill said on Thursday.

In the cfr China market, most traders were holding back from the market ahead the Lunar New Year holiday.

China's domestic coking coal prices remained relatively flat, with some spot deal prices edging down in the week.

Dalian Commodity Exchange
The most-traded May coking coal futures contract closed at 2,278 yuan ($360.15) per tonne on Thursday, up by 74 yuan per tonne.

The most-traded May coke contract closed at 2,962 yuan per tonne, down by 18 yuan per tonne.

Bangladesh, Taiwan secure imported scrap at higher prices

By Paul Lim - Thursday 27 January

Spot prices for steel scrap in Asia continued to increase on Thursday January 27, with higher-value transactions supported by an overwhelmingly bullish outlook among market participants.

- Bangladesh buys bulk HMS cargo
- Taiwanese spot prices continue increase

Bangladesh
Spot prices in Bangladesh have surged for bulk cargoes, although prices for containerized materials remained comparatively stable.

A transaction was heard at $557 per tonne cfr Bangladesh this week for a bulk cargo of HMS 1&2 (80:20) from the United States West Coast, sold to a major steelmaker in Chittagong.

Key market participants estimated that spot prices were about $560 per tonne cfr Bangladesh, with a $10 per tonne premium for shredded materials.

Downstream steel demand remained extremely poor due to the Covid-19 situation, however, with the Omicron variant shutting down business activity and reducing consumption of finished steel products.

Difficulties in opening letters of credits in the Bangladesh market due to a strain on foreign exchange reserves have also dampened business sentiment.

Containerized HMS 1&2 (80:20) cargoes were offered at $530-535 per tonne cfr Bangladesh, although spot activity was limited, sources said.

"Some steelmakers aren't interested in purchasing containerized cargoes at all because of poor downstream steel sales, so not much is happening on the containerized HMS front," a scrap trader in Southeast Asia told Fastmarkets on Thursday.

Containerized shredded scrap on offer at $560-585 per tonne cfr Bangladesh, with transactions heard concluded at $555-562 per tonne cfr Bangladesh.

Spot liquidity was also limited because sellers prefer to wait until after the Lunar New Year holidays in China before returning to the market, Fastmarkets understands.

"The Monday after next, China will be re-opening, so sellers want to wait it out until next week before selling and will re-assess the market once China is back," a scrap trader in south Asia said.

He said that he expects physical spot steel prices in China to rise after the Chinese New Year holiday, which will lead to higher import prices for both billet and scrap cargoes in Asia in February. But he said there was not much material available for offer from the US West Coast at the moment.

"One large Bangladeshi mill is getting increasingly desperate for material, but the US West Coast seems mostly sold out for the next two weeks. And most Asian buyers want a discount to buy mainland EU scrap due to quality issues," he added.

Taiwan
Spot prices have continued to increase in key containerized import market Taiwan, with the latest transactions confirmed at $465 per tonne cfr.

Market sources have disclosed transactions at $458, $460, $462 and $463 per tonne cfr Taiwan earlier this week, with transactions concluded at ever-increasing prices.

The latest offers have risen to $465-470 per tonne cfr Taiwan, against bids at $465 per tonne cfr Taiwan. Sellers are still holding out for higher prices amid the overwhelmingly bullish sentiment in the spot markets.

Fastmarkets' daily assessment for containerized steel scrap, heavy melting scrap 1&2 (80:20 mix), United States material import, cfr main port Taiwan was $465 per tonne on Thursday, increasing by $5 per tonne from $460 per tonne on Wednesday.

Market participants said they expect spot prices to continue rising in the near term, especially with a major South Korean steelmaker increasing its bids for Japanese scrap by ¥500-1,500 ($4.38-13.13) per tonne on Thursday.

Iron ore prices largely steady amid limited trading activity ahead of upcoming holiday

By Alex Theo - Thursday 27 January

Seaborne iron ore prices were largely steady on Thursday January 27 amid limited trading activity ahead of the upcoming week-long Lunar New Year holiday in China, which starts on February 1, market sources told Fastmarkets.

Key drivers
Overall sentiment in the iron ore market was unchanged with demand largely limited following the end of restocking activity by steelmakers in China, sources said.

There were fewer offers in the iron ore seaborne market compared with previous days, and at least two transactions were concluded on the trading platforms, a Xiamen-based analyst said.

Trading activity at Chinese ports was also limited, adding to the weakness in demand for iron ore, the analyst added.

Some participants are anticipating the iron ore market to remain largely quiet amid very limited activity because of the upcoming week-long holiday in China, but many are optimistic about an uptick in demand following the break.

The most-traded May iron ore futures contract on the Dalian Commodity Exchange largely traded sideways on Thursday, ending the day down by 0.9% from its closing price of 776 yuan ($123) per tonne on Wednesday.

The forward-month iron ore swaps contracts on the Singapore Exchange was similarly little changed on Thursday, though did achieve mild gains. By 6:05pm Singapore time, the most-traded March contract had inched up by $0.55 per tonne compared with Wednesday's settlement price of $137.70 per tonne.

Fastmarkets iron ore indices
62% Fe fines, cfr Qingdao: $139.62 per tonne, up $1.12 per tonne

62% Fe low-alumina fines, cfr Qingdao: $145.90 per tonne, down $0.40 per tonne
58% Fe fines high-grade premium, cfr Qingdao: $117.22 per tonne, up $0.30 per tonne
65% Fe Brazil-origin fines, cfr Qingdao: $170.30 per tonne, up $0.50 per tonne
62% Fe fines, fot Qingdao: 906 yuan per wet metric tonne (implied 62% Fe China Port Price: $132.71 per dry tonne), unchanged

Quote of the day
"Sentiment remains the same in the [iron ore] market. Most mills have already completed their re-stocking of inventories, so demand is lacking now. After the Lunar New Year holidays, however, the mills should be back to replenish their inventories," a Singapore-based trader said.

Trades/offers/bids heard in the market
BHP, Globalore, 100,000 tonnes of 62% Fe Mining Area C fines, offered at $132 per tonne cfr China, laycan March 11-20.

Market participant indications
Fastmarkets index for iron ore 62% Fe fines

Newman fines: $136.54-143.31 per tonne cfr China
Jimblebar fines: $112.73-121.13 per tonne cfr China

Fastmarkets' index for iron ore 65% Fe Brazil-origin fines
Iron Ore Carajas: $168-173.60 per tonne cfr China

Port prices
Pilbara Blend fines were traded at 897-900 yuan per wmt in Tangshan city on Thursday, compared with 885-890 yuan per wmt on Wednesday.

The latest range is equivalent to about $131-132 per tonne in the seaborne market.

Dalian Commodity Exchange
The most-traded May iron ore futures contract closed at 769 yuan ($122) per tonne on Thursday, down by 7 yuan per tonne from Wednesday's closing price.

Alice Li in Shanghai contributed to this article.

Traders bullish on Chinese HRC export prices after Lunar New Year holiday

By Paul Lim, Zihuan Pan - Thursday 27 January

Trading activity for Chinese hot-rolled coil remained muted in both the domestic and export markets on Thursday January 27, with participants leaving for the upcoming Lunar New Year holiday.

Domestic
Eastern China (Shanghai): 4,920-4,950 yuan ($778-783) per tonne, unchanged

While spot HRC prices were unchanged in quiet pre-holiday conditions, futures prices for the flat steel product saw another volatile trading day on Thursday. The most-traded HRC contract on the Shanghai Futures Exchange jumped to an intraday high of 4,875 yuan per tonne in afternoon trade, before falling to finish the day a tad lower than Wednesday's close.

Data from a local information provider released on Thursday afternoon showed that China's HRC output increased for a fifth straight week this past week.

In the week to Thursday, HRC output in China increased by 63,200 tonnes to 3.23 million tonnes, while inventories held by traders increased by 81,600 tonnes to 2.28 million tonnes, larger than an increase of 4,200 tonnes in the prior week.

Inventory pressure is unlikely to be very hefty after the Lunar New Year holiday, on expectations that blast furnace-based mills will scale back their operations due to the Winter Olympics, which will be held between February 4-20 in Beijing and Zhangjiakou of Hebei province, a Shanghai-based industry analyst said.

Export
Fastmarkets' steel hot-rolled coil index export, fob main port China: $770.61 per tonne, up by $2.19 per tonne

Chinese mills' offers for SS400 HRC exports held at $785-800 per tonne fob China on Thursday, while market participants indicated that mills might be willing to sell at $770-780 per tonne fob China.

Trading activity for Chinese HRC exports remained quiet, meanwhile, with trading houses switching to holiday mode.

Most traders were bullish about export prices after the Lunar New Year holiday, in anticipation of a seasonal demand recovery and supply reductions induced by the Winter Olympics.

Indian steelmakers were heard to have increased their offers for HRC to $800-830 per tonne cfr Vietnam, while a major Japanese steelmaker hiked its offer again this week to $850-900 per tonne cfr Southeast Asia after increasing it to $800-810 per tonne cfr Vietnam last Friday.

Market sources in Vietnam said they had still received offers at $780 per tonne cfr Vietnam this week, and that many buyers had already started Tet Festival holiday celebrations, resulting thin spot demand this week.

Market chatter
"I'm cautious about the [steel] market after the Lunar New Year holiday, because the widely anticipated demand recovery cannot be verified yet and the price surge before the holiday will add to uncertainty after coming back from the holiday," a Shanghai-based trader said.

Shanghai Futures Exchange
The most-traded May HRC contract closed at 4,795 yuan per tonne on Thursday, down by 10 yuan per tonne from Wednesday's close.

Anglo American's Q4 iron ore output down; met coal production up 5%

By Alice Li, Min Li - Thursday 27 January

A summary of the fourth-quarter 2021 iron ore and metallurgical coal results data released by global mining company Anglo American on Thursday January 27.

Iron ore

- Iron ore production in the fourth quarter of 2021 fell by 7% to 15.1 million tonnes, driven by a 17% decrease at Minas-Rio in Brazil, while at the Kumba mine in South Africa production was in line with 2020 output.
- Full-year iron ore production increased by 3% to 63.81 million tonnes and sales decreased by 1% year on year to 63.28 million tonnes.
- Kumba's fourth-quarter output was limited by higher stock levels at the mine because of the third-party rail system performing at below planned levels earlier in the year, along with the impact of the annual shut-down for rail and port maintenance.
- Total sales from Kumba in the fourth quarter increased due to improved equipment reliability and throughput at Saldanha port.
- Production at Minas Rio primarily fell because of the reduced availability of processing equipment due to unplanned maintenance and heavy rainfall during the quarter.

Iron ore Q4 key figures (wet basis)
(year-on-year percentage changes)
Total iron ore production in Q4: 15.05 million tonnes, down by 7%

Kumba total production: 9.7 million tonnes, flat
Kumba Iron ore lump production: 6.42 million tonnes, down by 3%
Kumba Iron ore fines production: 3.28 million tonnes, up by 5%
Kumba Iron ore sales: 10.69 million tonnes, up by 4%
Minas Rio iron ore production: 5.45 million tonnes, down by 17%
Minas Rio iron ore sales: 6.09 million tonnes, down by 4%

Full-year 2022 iron ore production guidance (wet basis)
Total: 63-67 million tonnes, previously 64.5 million tonnes

Kumba: 39-41 million tonnes, previously 40.5 million tonnes
Minas Rio: 24-26 million tonnes, previously 24 million tonnes

Met Coal

- Anglo American saw a return to pre-Covid production levels at its open-cut metallurgical coal mines in Queensland, Australia in the fourth quarter of 2021.
- The company's met coal production increased by 5% year-on-year, reflecting an increase in production at the Dawson open-cut operation, partially offset by Moranbah which continued to be affected by geological challenges.
- At Grosvenor, development activity progressed well and the longwall was operationally ready for recommencement in the first quarter of 2022, subject to approval from the Queensland regulator.
- The full-year realised average price for hard coking coal in 2021 was $211 per tonne.
- Anglo American completed sale of its 33% interest in the Cerrejón mine in Colombia on 11 January 2022 - the final stage of its exit from thermal coal operations.

Met coal Q4 key figures
(year-on-year percentage changes)

Total production: 4.37 million tonnes, up 5%

Coal production by product
Hard coking coal production: 2.92 million tonnes, down 9%

Pulverized coal injection (PCI)/semi-soft coking coal (SSCC) production: 1.45 million tonnes, up 51%

Coal production by operation
Moranbah: 1.08 million tonnes, down 10%

Grosvenor: 52,100 tonnes, -
Capcoal (including Grasstree): 1.59 million tonnes, down 5%
Dawson: 654,100 tonnes, up 42%
Jellinbah: 802,200 tonnes, down 3%
Other: 190,700 tonnes, -

Coal sales volumes
Total sales volumes: 4.18 million tonnes, down 3%

Hard coking coal sales volumes: 2.79 million tonnes, down 21%
PCI/SSCC sales volumes: 1.39 million tonnes, up 78%

Full-year 2022 met coal production guidance
20-22 million tonnes (subject to the extent of further Covid-19 related disruptions and regulatory approval to restart the Grosvenor longwall mining operations)

China's monthly steel plate exports more than doubled in December

By Zihuan Pan - Thursday 27 January

Steel plate exports from China more than doubled, on both a monthly and yearly basis in December 2021, after a price downtrend that began in late October.

The country exported 71,682 tonnes of steel plate last month, up by 101% from November and by 102% compared with December 2020, according to data from China's customs authority. It was the highest monthly export figure of 2021.

"Chinese plate prices kicked off a downtrend in late October, following the

[introduction of official] measures to rein in soaring coal prices. That boosted plate exports," a Shanghai-based industry analyst said.

Fastmarkets' weekly price assessment for steel heavy plate, export, fob China main port was $780-815 per tonne on January 25, down by $115-135 per tonne from $915-930 per tonne on October 26.

CHINA STEEL EXPORTS
(tonnes)

	December 2021	December 2020	% Change
Hot-rolled coil	312,816	688,302	▼55%
Cold-rolled coil	181,895	223,531	▼19%
Hot-dipped galvanized coil	697,571	480,045	▲45%
Plate	71,682	35,477	▲102%
Steel bar & rod	124,924	239,082	▼48%
Wire rod	63,658	314,125	▼80%

Source: General Administration of Customs, China

TOP BUYERS OF CHINESE HOT-ROLLED COIL
(tonnes)

Country/region	Quantity
Vietnam	131,734
Pakistan	53,353
South Korea	17,480
The United Arab Emirates	15,849
Bangladesh	13,069

Source: General Administration of Customs, China

TOP BUYERS OF CHINESE HOT-DIPPED GALVANIZED COIL
(tonnes)

Country/region	Quantity
Thailand	140,528
South Korea	46,892
The Philippines	33,418
Brazil	27,082
Ecuador	24,498

Source: General Administration of Customs, China

TOP BUYERS OF CHINESE BAR & ROD
(tonnes)

Country/region	Quantity
Chile	23,813
Indonesia	13,765
South Korea	12,101
Belgium	10,226
Thailand	6,112

Source: General Administration of Customs, China

China's exports of other finished steel, including hot-rolled coil, hot-dipped galvanized coil and rebar, also increased month on month in December, according to the latest Chinese customs data.

China's imports of HRC slumped in December, with only 61,705 tonnes imported last month - a 78% year-on-year decline and down by 72% from November's tota.

Steel billet imports fell by 56% from a 14-month high in November to 595,016 tonnes in December.

CHINA STEEL IMPORTS
(tonnes)

	December 2021	December 2020	% Change
Hot-rolled coil	61,705	281,670	▼78%
Billet	595,016	435,501	▲37%
Slab	268,867	265,084	▲1%

Source: General Administration of Customs, China

TOP SUPPLIERS OF HOT-ROLLED COIL TO CHINA
(tonnes)

Origin	Quantity
Japan	41,328
South Korea	9,746
Germany	4,874
Kazakhstan	1,953
Taiwan, China	1,949

Source: General Administration of Customs, China

TOP SUPPLIERS OF SLAB TO CHINA
(tonnes)

Origin	Quantity
Russia	113,340
Indonesia	50,272
Oman	38,480
India	25,920
The United Arab Emirates	20,105

Source: General Administration of Customs, China

TOP SUPPLIERS OF BILLET TO CHINA
(tonnes)

Origin	Quantity
Oman	114,922
The United Arab Emirates	109,880
Ukraine	109,798
India	92,175
Brazil	49,109

Source: General Administration of Customs, China

Note: In 2021, China changed the tax rebate for certain exports and the tariff for certain imports of steel products from May 1 and August 1. Fastmarkets has adjusted its coverage of data to reflect this.

The Harmonized System (HS) codes
Billet: 72071100

Slab: 72071200
Hot-rolled coil: 72082500, 72082690, 72082710, 72082790, 72083600, 72083700, 72083810, 72083890, 72083910, 72083990, 72253000
Steel bar and rod: 72142000, 72283010, 72283090
Cold-rolled coil: 72091510, 72091590, 72091690, 72091790, 72091810, 72091890
Plate: 72259990, 72089000, 72111400
Hot-rolled galvanized coil: 72104900, 72109000, 72259200
Wire rod: 72279090, 72279010, 72139900, 72139100, 72272000

China's spot rebar prices steady despite volatile futures

By Zihuan Pan - Thursday 27 January

Spot rebar prices in China's domestic market held steady on Thursday January 27, and futures prices for the long steel product experienced another choppy trading day.

Domestic
Eastern China (Shanghai): 4,700-4,730 yuan ($743-748) per tonne, unchanged

The spot market remained muted in the run-up to the Lunar New Year, with downstream users and trading houses kicking off their holidays, a Shanghai-based trader said. Smaller traders exited the market earlier, given the approaching holiday and sporadic COVID-19 outbreaks in the country.

The most-traded May rebar contract on the Shanghai Futures Exchange jumped to an intraday high of 4,757 yuan per tonne in afternoon trade on Thursday before it reversed all these gains to finish the day slightly lower than the previous day's close.

A local information provider reported Thursday afternoon that rebar inventories held by mills and traders in China surged by 1.13 million tonnes in the week to January 27, to 7.09 million tonnes, much larger than the increase of 453,600 tonnes in the previous week.

The steel market is weak both in supply and demand, but market outlook for demand recovery from the seasonal lull remains bullish given the central authorities' pledge to facilitate stable economic growth, Baocheng Futures said in its daily report.

Market chatter
"Despite the sharp increase in overall rebar inventories this week, we don't see strong inventory pressure given the low production. Short-process mills have suspended operations for holidays or maintenance, while long-process mills increased their output," a Shanghai-based industry analyst said on the weekly industry data.

Billet
As of 3pm in Shanghai, billet was being traded at 4,480 yuan per tonne including value-added tax in Tangshan, unchanged from Wednesday.

Shanghai Futures Exchange
The most-traded May rebar futures contract closed at 4,673 yuan per tonne on Thursday, down by 21 yuan per tonne from Wednesday's close.

Major Japanese producer to raise April, May offers for steel plate

By Min Li - Thursday 27 January

A major Japanese steel producer will raise its offer price for April- and May-shipment steel heavy plate on positive expectations for demand, as well as increasing prices for steelmaking raw materials.

It will offer plate at $950 per tonne cfr Southeast Asia, a seller source close to the mill told Fastmarkets on Tuesday January 25.

This is due to a number of factors, including expectations of stable demand for steel plate in East Asia, especially from the shipbuilding and construction machinery sectors.

Moreover, other Asian countries such as Vietnam had rolled out their economic stimulus packages to boost growth in 2022, promising a bullish market.

Rising prices for steelmaking raw materials, especially iron ore and coking coal, also prompted the steelmaker to raise its plate price.

Fastmarkets' index for premium hard coking coal, fob DBCT was $445.10 per tonne on January 26, up by 27.4% from $349.50 per tonne a month earlier.

Meanwhile, Fastmarkets' index for iron ore 62% Fe fines, cfr Qingdao was $138.50 per tonne on January 26, up by 12.4% from $123.18 per tonne on December 27, 2021.

The source also expects China's domestic demand for plate to increase after the Lunar New Year due to a seasonal recovery. This, coupled with possible production curbs in northern China ahead of the 2022 Beijing Winter Olympics in February, is expected to support Chinese plate prices.

Steel mills in China have either raised their offer prices for March/April-shipment plate following the increase in domestic plate prices or stopped accepting orders amid the approaching January 31-February 6 Lunar New Year break.

Fastmarkets' weekly price assessment for steel heavy plate export, fob China main port was $780-815 per tonne on Tuesday January 25, up by $10-25 per tonne from $770-790 per tonne a week earlier.

Fastmarkets' weekly price assessment for steel plate domestic, delivered whs Eastern China was 4,950-4,990 yuan ($781-788) per tonne last Friday January 21, up by 30-40 yuan per tonne from a week earlier.

Base metals prices

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

Aluminium prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0343	Aluminium P1020A (MJP) spot premium, cif Japan, $/tonne	25 Jan 2022	155 - 175	-2.94%	Dec 2021	161.67 - 180
MB-AL-0001	Aluminium P1020A (MJP) quarterly premium, cif Japan, $/tonne	07 Jan 2022	177	-18.62%	Dec 2021	215 - 220
MB-AL-0344	Aluminium P1020A premium, cif South Korea, $/tonne	25 Jan 2022	170 - 180	0.00%	Dec 2021	160 - 170
MB-AL-0307	Aluminium P1020A premium, fca South Korea, $/tonne	25 Jan 2022	185 - 195	5.56%	Dec 2021	175 - 185
MB-AL-0329	Aluminium P1020A premium, cif Taiwan, $/tonne	25 Jan 2022	160 - 185	-4.17%	Dec 2021	167.5 - 200
MB-AL-0328	Aluminium P1020A premium, bonded in-whs, Shanghai, $/tonne	25 Jan 2022	60 - 90	15.38%	Dec 2021	50 - 80
MB-AL-0345	Aluminium P1020A premium, cif Shanghai, $/tonne	25 Jan 2022	60 - 80	16.67%	Dec 2021	50 - 70
MB-AL-0346	Aluminium P1020A premium, in-whs dup Rotterdam, $/tonne	27 Jan 2022	360 - 370	0.00%	Dec 2021	250.24 - 266.43
MB-AL-0004	Aluminium P1020A premium, in-whs dp Rotterdam, $/tonne	25 Jan 2022	445 - 475	0.00%	Dec 2021	321.11 - 345
MB-AL-0316	Aluminium P1020A premium, fca dp Italy, $/tonne	25 Jan 2022	510 - 530	1.96%	Dec 2021	377.5 - 396.25
MB-AL-0319	Aluminium P1020A premium, fca dp Spain, $/tonne	25 Jan 2022	490 - 500	0.00%	Dec 2021	382.5 - 397.5
MB-AL-0021	Aluminium P1020A premium, delivered Sao Paulo region, $/tonne	25 Jan 2022	400 - 450	0.00%	Dec 2021	375 - 425
MB-AL-0022	Aluminium P1020A premium, cif dup Brazilian main ports, $/tonne	25 Jan 2022	420 - 450	10.13%	Dec 2021	380 - 400
MB-AL-0020	Aluminium P1020A premium, ddp Midwest US, US cents/lb	25 Jan 2022	34 - 35	4.55%	Dec 2021	27.22 - 29.78
MB-AL-0231	Aluminum P1020A all-in price, delivered Midwest US, US cents/lb	27 Jan 2022	174.45 - 175.45	0.18%	Dec 2021	149.23 - 151.99
MB-AL-0337	Aluminium P1020A premium, cif dup Turkey, $/tonne	25 Jan 2022	350 - 360	2.90%	Dec 2021	295 - 310
MB-AL-0381	Aluminium low-carbon differential P1020A, Europe, $/tonne	07 Jan 2022	0 - 10	0.00%	Dec 2021	0 - 10
MB-AL-0378	Aluminium P1020A premium, in-whs dp Rotterdam, inferred low-carbon midpoint, $/tonne	25 Jan 2022	465	0.00%	Dec 2021	338.06
MB-AL-0377	Aluminium P1020A premium, in-whs dup Rotterdam, inferred low-carbon midpoint, $/tonne	27 Jan 2022	370	0.00%	Dec 2021	263.33
MB-AL-0333	Aluminium P1020A warrant premium, in-whs Southeast Asia, $/tonne	26 Jan 2022	55 - 80	-3.57%	Dec 2021	40 - 62
MB-AL-0334	Aluminium P1020A, warrant premium, in-whs East Asia, $/tonne	26 Jan 2022	60 - 80	0.00%	Dec 2021	40 - 66
MB-AL-0338	Aluminium P1020A warrant premium, in-whs US, $/tonne	26 Jan 2022	115 - 125	0.00%	Dec 2021	115 - 125
MB-AL-0297	Aluminium 6063 extrusion billet premium, cif Thailand, $/tonne	14 Jan 2022	465 - 500	1.58%	Dec 2021	465 - 485
MB-AL-0298	Aluminium 6063 extrusion quarterly billet premium, cif MJP, $/tonne	24 Jan 2022	200 - 300	31.58%	Dec 2021	180 - 200
MB-AL-0302	Aluminium 6063 extrusion billet premium, ddp North Germany (Ruhr region), $/tonne	21 Jan 2022	1500 - 1550	0.00%	Dec 2021	1470 - 1520
MB-AL-0300	Aluminium 6063 extrusion billet premium, ddp Italy (Brescia region), $/tonne	21 Jan 2022	1500 - 1550	0.00%	Dec 2021	1470 - 1540
MB-AL-0299	Aluminium 6063 extrusion billet premium, ddp Spain, $/tonne	14 Jan 2022	1500 - 1550	4.10%	Dec 2021	1430 - 1500
MB-AL-0002	Aluminium 6063 extrusion billet premium, in-whs dp Rotterdam, $/tonne	21 Jan 2022	1460 - 1510	0.00%	Dec 2021	1430 - 1480
MB-AL-0296	Aluminium 6063 extrusion billet premium, cif Turkey (Marmara region), $/tonne	14 Jan 2022	700 - 750	0.00%	Dec 2021	700 - 750
MB-AL-0052	Aluminum 6063 extrusion billet premium, delivered Midwest US, US cents/lb	14 Jan 2022	27 - 34	17.31%	Dec 2021	24 - 28

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0287	Aluminium 6063 & 6060 extrusion billet premium, cif Brazilian main ports, $/tonne	14 Jan 2022	700 - 720	1.43%	Dec 2021	680 - 720
MB-AL-0382	Aluminium low-carbon differential value-added product, Europe, $/tonne	07 Jan 2022	20 - 30	0.00%	Dec 2021	20 - 30
MB-AL-0379	Aluminium 6063 extrusion billet premium, ddp Italy (Brescia region), inferred low-carbon midpoint, $/tonne	21 Jan 2022	1550	0.00%	Dec 2021	1530
MB-AL-0380	Aluminium 6063 extrusion billet premium, ddp North Germany (Ruhr region), inferred low-carbon midpoint, $/tonne	21 Jan 2022	1550	0.00%	Dec 2021	1520
MB-AL-0341	Aluminium primary foundry alloy silicon 7 ingot premium, cif dup over P1020A Turkey, $/tonne	14 Jan 2022	500 - 600	0.00%	Dec 2021	500 - 600
MB-AL-0349	Aluminium primary foundry alloy silicon 7 ingot annual premium, cif MJP, $/tonne	20 Jan 2022	120 - 150	22.73%	Dec 2021	100 - 120
MB-AL-0348	Aluminium primary foundry alloy silicon 7 ingot annual premium, cif main South Korean ports, $/tonne	20 Jan 2022	120 - 150	28.57%	Dec 2021	90 - 120
MB-AL-0342	Aluminium primary foundry alloy silicon 7 ingot /T-bar premium, dlvd dup over P1020A Midwest US, US cents/lb	14 Jan 2022	17 - 22	62.50%	Dec 2021	11 - 13
MB-AL-0340	Aluminium primary foundry alloy silicon 7 ingot premium, ddp Eastern Europe, $/tonne	14 Jan 2022	850 - 900	9.38%	Dec 2021	750 - 850
MB-AL-0339	Aluminium primary foundry alloy silicon 7 ingot premium, ddp Germany, $/tonne	14 Jan 2022	850 - 900	9.38%	Dec 2021	750 - 850
MB-AL-0045	Aluminum 6061 alloyed ingot, US cents/lb	03 Jan 2022	1.67 - 1.73	3.03%	Dec 2021	1.61 - 1.69
MB-AL-0046	Aluminum 6063 alloyed ingot, US cents/lb	03 Jan 2022	1.75 - 1.81	2.89%	Dec 2021	1.69 - 1.77
MB-AL-0277	Aluminum alloy C355.2 ingot, delivered, $/lb	27 Jan 2022	2.2	0.00%	Dec 2021	1.86
MB-AL-0289	Aluminium import arbitrage, $/tonne	27 Jan 2022	(202.36)		Dec 2021	(116.34)
MB-AL-0290	Aluminium import arbitrage, yuan/tonne	27 Jan 2022	(1286.91)		Dec 2021	(742.36)
MB-AL-0256	Aluminium fixing price for LME trade, rand/tonne	27 Jan 2022	47886.95	1.63%	Dec 2021	42891.1

Metallurgical bauxite & alumina prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ALU-0010	Alumina index inferred, fob Brazil, $/dmt	27 Jan 2022	370.04	0.33%	Dec 2021	372.3
MB-ALU-0003	Alumina index adjustment to fob Australia index, Brazil, $/dmt	27 Jan 2022	10.08	-0.98%	Dec 2021	14.54
MB-ALU-0002	Alumina index, fob Australia, $/tonne	27 Jan 2022	359.96	0.36%	Dec 2021	356.24
MB-ALU-0001	Alumina metallurgical grade, exw China, yuan/tonne	27 Jan 2022	3050 - 3150	1.64%	Dec 2021	2810 - 2980
MB-BX-0015	Bauxite, fob Trombetas, Brazil, $/dmt	20 Jan 2022	32	0.00%	Dec 2021	32
MB-BX-0014	Bauxite, fob Kamsar, Guinea, $/dmt	20 Jan 2022	27	0.00%	Dec 2021	27

Copper prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0412	Copper EQ cathode premium, cif Shanghai, $/tonne	25 Jan 2022	(30) - (20)		Dec 2021	5 - 20
MB-CU-0411	Copper EQ cathode premium, cif Europe, $/tonne	25 Jan 2022	20 - 30	0.00%	Dec 2021	20 - 30
MB-CU-0369	Copper grade A cathode premium, cif Rotterdam, $/tonne	25 Jan 2022	50 - 60	0.00%	Dec 2021	45 - 55
MB-CU-0372	Copper grade A cathode premium, delivered Germany, $/tonne	25 Jan 2022	100 - 130	-4.17%	Dec 2021	80 - 90
MB-CU-0406	Copper grade A cathode premium, cif Leghorn, $/tonne	25 Jan 2022	90 - 95	2.78%	Dec 2021	75 - 90

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0380	Copper grade A cathode ER premium, cif Shanghai, $/tonne	27 Jan 2022	58 - 68	0.00%	Dec 2021	84.14 - 94.62
MB-CU-0383	Copper grade A cathode ER premium, bonded in-whs Shanghai, $/tonne	27 Jan 2022	62 - 72	0.00%	Dec 2021	94.52 - 104.9
MB-CU-0403	Copper grade A cathode premium, cif Shanghai, $/tonne	27 Jan 2022	45 - 68	0.00%	Dec 2021	75.24 - 94.62
MB-CU-0405	Copper grade A cathode premium, in-whs Shanghai, $/tonne	27 Jan 2022	50 - 72	0.00%	Dec 2021	84.52 - 104.9
MB-CU-0384	Copper grade A cathode SX-EW premium, cif Shanghai, $/tonne	27 Jan 2022	45 - 55	0.00%	Dec 2021	75.24 - 81.81
MB-CU-0382	Copper grade A cathode SX-EW premium, bonded in-whs Shanghai, $/tonne	27 Jan 2022	50 - 60	0.00%	Dec 2021	84.52 - 93.67
MB-CU-0399	Copper grade A cathode premium, cif Southeast Asia, $/tonne	25 Jan 2022	85 - 95	5.88%	Dec 2021	80 - 90
MB-CU-0386	Copper grade A cathode premium, cif Taiwan, $/tonne	25 Jan 2022	85 - 95	9.09%	Dec 2021	75 - 90
MB-CU-0404	Copper grade A cathode premium, cif South Korea, $/tonne	25 Jan 2022	75 - 85	0.00%	Dec 2021	75 - 85
MB-CU-0310	Copper grade 1 cathode premium, ddp Midwest US, $/tonne	25 Jan 2022	176.37 - 220.46	0.00%	Dec 2021	
MB-CU-0002	Copper grade 1 cathode premium, ddp Midwest US, US cents/lb	25 Jan 2022	8 - 10	0.00%	Dec 2021	8 - 10
MB-CU-0309	Copper grade 1 cathode all-in price, ddp Midwest US, US cents/lb	27 Jan 2022	449.3 - 451.3	-1.99%	Dec 2021	440.72 - 442.72
MB-CU-0400	Copper grade A cathode warrant premium, in-whs North Europe, $/tonne	26 Jan 2022	10 - 20	100.00%	Dec 2021	5 - 10
MB-CU-0401	Copper grade A cathode warrant premium, in-whs South Europe, $/tonne	26 Jan 2022	15 - 25	0.00%	Dec 2021	15 - 25
MB-CU-0397	Copper grade A cathode warrant premium, in-whs Southeast Asia, $/tonne	26 Jan 2022	35 - 60	0.00%	Dec 2021	13 - 24
MB-CU-0398	Copper grade A cathode warrant premium, in-whs East Asia $/tonne	26 Jan 2022	10 - 20	0.00%	Dec 2021	13 - 23
MB-CU-0377	Copper grade A cathode warrant premium, in-whs US, $/tonne	26 Jan 2022	10 - 25	0.00%	Dec 2021	10 - 25
MB-CU-0336	Copper Aurubis grade A cathode annual premium, exw Europe, $/tonne	16 Jan 2019	96	11.63%	Dec 2021	
MB-CU-0410	Copper rod premium, ddp Midwest US, US cents/lb	06 Jan 2022	21 - 23	0.00%	Dec 2021	21 - 23
MB-CU-0361	Copper import arbitrage, $/tonne	27 Jan 2022	(122.13)		Dec 2021	14.61
MB-CU-0362	Copper import arbitrage, yuan/tonne	27 Jan 2022	(776.66)		Dec 2021	93.24
MB-CU-0338	Copper fixing price for LME trade, rand/tonne	27 Jan 2022	152153.19	0.23%	Dec 2021	151838.38
MB-CU-0321	Copper Republican copper price for Palabora 7.90mm South Africa Rand per tonne	30 Nov 2021	151699.21	4.46%	Dec 2021	

Copper concentrate & copper blister prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0287	Copper concentrates TC index, cif Asia Pacific, $/tonne	21 Jan 2022	57.1	-4.83%	Dec 2021	56.44
MB-CU-0288	Copper concentrates RC index, cif Asia Pacific, US cents/lb	21 Jan 2022	5.71	-4.83%	Dec 2021	5.64
MB-CU-0422	Copper concentrates counterparty spread, $/tonne	04 Jan 2022	9.58	-8.33%	Dec 2021	10.45
MB-CU-0423	Copper Concentrates Co-VIU, $/tonne	04 Jan 2022	(0.45)		Dec 2021	0.28
MB-CU-0508	Copper concentrates TC implied smelters purchase, cif Asia Pacific, $/tonne	21 Jan 2022	61.89	-4.48%	Dec 2021	61.67
MB-CU-0510	Copper concentrates RC implied smelters purchase, cif Asia Pacific, cents/lb	21 Jan 2022	6.19	-4.48%	Dec 2021	6.17
MB-CU-0509	Copper concentrates TC implied traders purchase, cif Asia Pacific, $/tonne	21 Jan 2022	52.31	-5.25%	Dec 2021	51.22
MB-CU-0511	Copper concentrates RC implied traders purchase, cif Asia Pacific, cents/lb	21 Jan 2022	5.23	-5.25%	Dec 2021	5.12

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

Nickel prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0241	Nickel briquette premium, delivered Midwest US, US cents/lb	25 Jan 2022	75 - 90	6.45%	Dec 2021	67.5 - 90
MB-NI-0242	Nickel 4x4 cathode all-in price, delivered Midwest US, US cents/lb	27 Jan 2022	1091.51 - 1101.51	-2.20%	Dec 2021	962.9 - 970.76
MB-NI-0243	Nickel briquette all-in price, delivered Midwest US, US cents/lb	27 Jan 2022	1111.51 - 1126.51	-2.16%	Dec 2021	975.29 - 997.9
MB-NI-0240	Nickel 4x4 cathode premium, delivered Midwest US, US cents/lb	25 Jan 2022	55 - 65	0.00%	Dec 2021	55 - 63.75
MB-NI-0245	Nickel min 99.8% briquette premium, cif Shanghai, $/tonne	25 Jan 2022	400 - 500	0.00%	Dec 2021	400 - 500
MB-NI-0142	Nickel min 99.8% full plate premium, cif Shanghai, $/tonne	25 Jan 2022	340 - 370	4.41%	Dec 2021	305 - 335
MB-NI-0143	Nickel min 99.8% full plate premium, in-whs Shanghai, $/tonne	25 Jan 2022	360 - 380	2.07%	Dec 2021	325 - 352.5
MB-NI-0001	Nickel 4x4 cathode premium, in-whs Rotterdam, $/tonne	25 Jan 2022	220 - 290	0.00%	Dec 2021	220 - 290
MB-NI-0002	Nickel briquette premium, in-whs Rotterdam, $/tonne	25 Jan 2022	150 - 200	0.00%	Dec 2021	150 - 170
MB-NI-0003	Nickel uncut cathode premium, in-whs Rotterdam, $/tonne	25 Jan 2022	70 - 90	0.00%	Dec 2021	70 - 90
MB-NI-0139	Nickel min 99.8% full plate warrant premium, in-whs East Asia, $/tonne	26 Jan 2022	30 - 45	0.00%	Dec 2021	30 - 43
MB-NI-0137	Nickel min 99.8% full plate warrant premium, in-whs Southeast Asia, $/tonne	26 Jan 2022	30 - 45	0.00%	Dec 2021	30 - 45
MB-NI-0140	Nickel min 99.8% briquette warrant premium, in-whs East Asia, $/tonne	26 Jan 2022	50 - 60	0.00%	Dec 2021	50 - 60
MB-NI-0138	Nickel min 99.8% briquette warrant premium, in-whs Southeast Asia, $/tonne	26 Jan 2022	50 - 60	0.00%	Dec 2021	50 - 60
MB-NI-0141	Nickel min 99.8% warrant premium, in-whs North Europe, $/tonne	26 Jan 2022	50 - 200	11.11%	Dec 2021	38 - 157
MB-NI-0244	Nickel sulfate min 21%, max 22.5%; cobalt 10ppm max, exw China, yuan/tonne	21 Jan 2022	37500 - 38500	4.11%	Dec 2021	34500 - 35300
MB-NI-0246	Nickel sulfate, cif China, Japan and Korea, $/tonne	04 Jan 2022	4898	-1.33%	Dec 2021	4964
MB-NI-0247	Nickel sulfate premium, cif China, Japan and Korea, $/tonne	04 Jan 2022	1900	-17.39%	Dec 2021	2300
MB-NI-0107	Nickel import arbitrage, yuan/tonne	27 Jan 2022	2936.36	-3.95%	Dec 2021	1610.79
MB-NI-0106	Nickel import arbitrage, $/tonne	27 Jan 2022	461.74	-4.31%	Dec 2021	252.32
MB-NI-0093	Nickel fixing price for LME trade, rand/tonne	27 Jan 2022	352332.04	-1.27%	Dec 2021	319300.16

Nickel ore & laterite ore prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NIO-0001	Nickel ore 1.8% basis 15-20% Fe water content: 30-35% Si:Mg ratio<2 lot size 50,000 tonnes, cif China, $/tonne	21 Jan 2022	115 - 118	0.00%	Dec 2021	116.8 - 120.4
MB-NIO-0002	Laterite ore with 1.5% Ni content, cif China, $/tonne	21 Jan 2022	81 - 83	0.00%	Dec 2021	81 - 83

Lead prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0108	Lead 99.99% ingot premium, cif Southeast Asia, $/tonne	18 Jan 2022	125 - 145	0.00%	Dec 2021	125 - 145
MB-PB-0107	Lead 99.97% ingot premium, cif Southeast Asia, $/tonne	18 Jan 2022	80 - 110	0.00%	Dec 2021	80 - 110
MB-PB-0084	Lead 99.97% ingot premium, cif Taiwan, $/tonne	25 Jan 2022	100 - 120	0.00%	Dec 2021	100 - 115
MB-PB-0083	Lead 99.99% ingot premium, cif Taiwan, $/tonne	25 Jan 2022	140 - 150	0.00%	Dec 2021	135 - 145
MB-PB-0087	Lead 99.97% ingot premium, cif India, $/tonne	18 Jan 2022	50 - 130	0.00%	Dec 2021	50 - 130
MB-PB-0086	Lead 99.99% ingot premium, cif India, $/tonne	18 Jan 2022	140 - 150	0.00%	Dec 2021	140 - 150
MB-PB-0099	Lead 99.99% ingot premium, delivered Midwest US, US cents/lb	25 Jan 2022	19 - 22	0.00%	Dec 2021	18 - 20.5
MB-PB-0006	Lead 99.97% ingot premium, ddp Midwest US, US cents/lb	25 Jan 2022	18 - 20	0.00%	Dec 2021	16 - 19
MB-PB-0056	Lead 99.97% ingot all-in price, ddp Midwest US, US cents/lb	27 Jan 2022	123.62 - 125.62	-1.30%	Dec 2021	120.1 - 123.1
MB-PB-0109	Lead 99.97% ingot warrant premium, in-whs North Europe, $/tonne	26 Jan 2022	30 - 50	0.00%	Dec 2021	24 - 42
MB-PB-0110	Lead 99.97% ingot warrant premium, in-whs South Europe, $/tonne	26 Jan 2022	30 - 50	0.00%	Dec 2021	24 - 38
MB-PB-0106	Lead min 99.97% ingot warrant premium, in-whs East Asia $/tonne	26 Jan 2022	5 - 20	0.00%	Dec 2021	5 - 20
MB-PB-0105	Lead min 99.97% ingot warrant premium, in-whs Southeast Asia $/tonne	26 Jan 2022	5 - 20	0.00%	Dec 2021	5 - 20
MB-PB-0097	Lead 99.97% ingot warrant premium, in-whs US, $/tonne	26 Jan 2022	20 - 30	0.00%	Dec 2021	20 - 30
MB-PB-0064	Lead fixing price for LME trade, rand/tonne	27 Jan 2022	35911.36	-0.37%	Dec 2021	36595.63

Lead concentrate prices

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

Tin prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SN-0029	Tin 99.9% low lead ingot premium, in-whs Rotterdam, $/tonne	25 Jan 2022	1500 - 1800	-5.71%	Dec 2021	1500 - 2000
MB-SN-0002	Tin 99.9% ingot premium, in-whs Rotterdam, $ per tonne	25 Jan 2022	1000 - 1300	-4.17%	Dec 2021	1050 - 1400
MB-SN-0036	Tin 99.85% ingot premium, in-whs Baltimore, $/tonne	25 Jan 2022	1900 - 2200	0.00%	Dec 2021	1900 - 2200
MB-SN-0038	Tin 99.9% ingot premium, cif Taiwan, $/tonne	25 Jan 2022	350 - 500	0.00%	Dec 2021	325 - 450
MB-SN-0012	Tin grade A min 99.85% ingot all-in price, ddp Midwest US, $/tonne	27 Jan 2022	45240 - 45640	0.77%	Dec 2021	41668.81 - 42197.38
MB-SN-0011	Tin grade A min 99.85% ingot premium, ddp Midwest US, $/tonne	25 Jan 2022	2100 - 2500	0.00%	Dec 2021	2100 - 2500
MB-SN-0042	Tin min 99.85% ingot warrant premium, in-whs South East Asia, $/tonne	26 Jan 2022	50 - 100	0.00%	Dec 2021	50 - 150
MB-SN-0005	Tin rand fixing price for LME trade, rand/tonne	27 Jan 2022	664976.63	1.99%	Dec 2021	629447.24

Zinc prices & premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0115	Zinc SHG 99.995% ingot premium, fca Malaysia, $/per tonne	25 Jan 2022	120 - 140	-10.34%	Dec 2021	140 - 155
MB-ZN-0113	Zinc SHG 99.995% ingot premium, fca Singapore, $/per tonne	25 Jan 2022	120 - 140	-10.34%	Dec 2021	140 - 155
MB-ZN-0093	Zinc SHG min 99.995% ingot premium, cif Southeast Asia, $/tonne	25 Jan 2022	140 - 150	-4.92%	Dec 2021	145 - 160
MB-ZN-0116	Zinc SHG 99.995% ingot premium, cif Taiwan $/tonne	25 Jan 2022	160 - 165	4.84%	Dec 2021	150 - 160
MB-ZN-0119	Zinc min 99.995% ingot premium, in-whs Shanghai, $/tonne	25 Jan 2022	80 - 90	0.00%	Dec 2021	77.5 - 87.5
MB-ZN-0106	Zinc SHG min 99.995% ingot premium, cif Shanghai, $/per tonne	25 Jan 2022	80 - 90	0.00%	Dec 2021	77.5 - 87.5
MB-ZN-0102	Zinc SHG min 99.995% ingot premium, ddp Italy, $/per tonne	25 Jan 2022	380 - 420	0.00%	Dec 2021	380 - 420
MB-ZN-0103	Zinc SHG min 99.995% ingot premium, fca dp Italy, $/tonne	25 Jan 2022	350 - 380	0.00%	Dec 2021	350 - 380
MB-ZN-0099	Zinc SHG min 99.995% ingot premium, dp fca Antwerp, $/tonne	25 Jan 2022	320 - 380	2.94%	Dec 2021	260 - 290
MB-ZN-0001	Zinc SHG min 99.995% ingot premium, dp fca Rotterdam, $/tonne	25 Jan 2022	320 - 380	2.94%	Dec 2021	260 - 290
MB-ZN-0082	Zinc SHG min 99.995% ingot premium monthly average, delivered UK, £/tonne	04 Jan 2022	2822	6.57%	Dec 2021	2648
MB-ZN-0005	Zinc SHG min 99.995% ingot premium, ddp Midwest US, US cents/lb	25 Jan 2022	20 - 24	7.32%	Dec 2021	15 - 19
MB-ZN-0061	Zinc SHG min 99.995% ingot all-in price, ddp Midwest US, US cents/lb	27 Jan 2022	185.44 - 189.44	0.10%	Dec 2021	169.16 - 173.16
MB-ZN-0104	Zinc SHG min 99.995% warrant premium, in-whs US, $/per tonne	26 Jan 2022	10 - 15	0.00%	Dec 2021	10 - 15
MB-ZN-0117	Zinc SHG min 99.995% warrant premium, in-whs North Europe, $/tonne	26 Jan 2022	80 - 100	0.00%	Dec 2021	80 - 100
MB-ZN-0123	Zinc SHG min 99.995% warrant premium, in-whs Southeast Asia, $/tonne	26 Jan 2022	10 - 20	0.00%	Dec 2021	10 - 20
MB-ZN-0083	Zinc import arbitrage, $/tonne	27 Jan 2022	(320.71)		Dec 2021	(243.21)
MB-ZN-0084	Zinc import arbitrage, yuan/tonne	27 Jan 2022	(2039.54)		Dec 2021	(1552.06)
MB-ZN-0072	Zinc rand fixing price for LME trade, rand/tonne	27 Jan 2022	56240.58	1.29%	Dec 2021	54173.84

Zinc concentrate & zinc alloy prices

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

Steel prices

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

Hot-rolled steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0028	Steel hot-rolled coil index domestic, exw Northern Europe, €/tonne	27 Jan 2022	925	0.00%	Dec 2021	916.4
MB-STE-0046	Steel hot-rolled coil import, cfr main port Northern Europe, €/tonne	26 Jan 2022	810 - 830	-0.61%	Dec 2021	832 - 856
MB-STE-0047	Steel hot-rolled coil import, cfr main port Southern Europe, €/tonne	26 Jan 2022	780 - 800	1.28%	Dec 2021	796 - 814
MB-STE-0532	Steel hot-rolled coil domestic, exw Central Europe, €/tonne	26 Jan 2022	880 - 920	-0.55%	Dec 2021	804 - 830
MB-STE-0892	Steel hot-rolled coil index domestic, exw Italy, €/tonne	27 Jan 2022	836.25	0.55%	Dec 2021	840.09
MB-STE-0893	Steel hot-rolled coil domestic, exw Spain, €/tonne	26 Jan 2022	920 - 940	0.00%	Dec 2021	894 - 924
MB-STE-0107	Steel hot-rolled coil export, fob main port Turkey, $/tonne	21 Jan 2022	830 - 840	1.52%	Dec 2021	838 - 852
MB-STE-0105	Steel hot-rolled coil import, cfr main port Turkey, $/tonne	21 Jan 2022	810 - 820	3.49%	Dec 2021	801 - 820
MB-STE-0108	Steel hot-rolled coil domestic, exw Turkey, $/tonne	21 Jan 2022	840 - 850	2.74%	Dec 2021	828 - 844
MB-STE-0014	Steel hot-rolled coil export, fob Black Sea, CIS, $/tonne	24 Jan 2022	780 - 790	3.29%	Dec 2021	773.75 - 795
MB-STE-0065	Steel hot-rolled sheet domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	24 Jan 2022	76000 - 78000	0.00%	Dec 2021	75000 - 76250
MB-STE-0468	Steel hot-rolled coil index, fob mill US, $/short ton	27 Jan 2022	1258	-2.74%	Dec 2021	
MB-STE-0184	Steel hot-rolled coil index, fob mill US, $/cwt	27 Jan 2022	62.9	-2.74%	Dec 2021	82.16
MB-STE-0180	Steel hot-rolled coil, import, ddp Houston, $/short ton	19 Jan 2022	1140 - 1220	-6.35%	Dec 2021	1260 - 1340
MB-STE-0007	Steel hot-rolled coil domestic monthly, exw Brazil, reais/tonne	14 Jan 2022	5950 - 6040	0.00%	Dec 2021	5950 - 6040
MB-STE-0133	Steel hot-rolled coil (dry) export, fob main port Latin America, $/tonne	21 Jan 2022	710 - 760	-2.00%	Dec 2021	774 - 824
MB-STE-0102	Steel hot-rolled coil import, cfr main ports South America, $/tonne	21 Jan 2022	830 - 880	0.00%	Dec 2021	864 - 910
MB-STE-0444	Steel hot-rolled coil import, cfr main port India, $/tonne	21 Jan 2022	780 - 790	0.00%	Dec 2021	798 - 803
MB-STE-0445	Steel hot-rolled coil (CR grade) import, cfr main port India, $/tonne	21 Jan 2022	785 - 790	0.00%	Dec 2021	803 - 810
MB-STE-0442	Steel hot-rolled coil (commodity) export, fob main port India, $/tonne	21 Jan 2022	750 - 800	6.53%	Dec 2021	750 - 779
MB-STE-0436	Steel hot-rolled coil domestic, ex-whse India, rupees/tonne	21 Jan 2022	64000 - 65000	0.00%	Dec 2021	65800 - 66550
MB-STE-0158	Steel hot-rolled coil domestic, exw Northern China, yuan/tonne	21 Jan 2022	4770 - 4790	0.95%	Dec 2021	4716 - 4742
MB-STE-0144	Steel hot-rolled coil index export, fob main port China, $/tonne	27 Jan 2022	770.61	0.29%	Dec 2021	772.92
MB-STE-0154	Steel hot-rolled coil domestic, ex-whs Eastern China, yuan/tonne	27 Jan 2022	4920 - 4950	0.00%	Dec 2021	4853.48 - 4889.57
MB-STE-0139	Steel hot-rolled coil import, cfr Vietnam, $/tonne	21 Jan 2022	750 - 760	0.00%	Dec 2021	780 - 785
MB-STE-0888	Steel hot-rolled coil (Japan, Korea, Taiwan-origin), import, cfr Vietnam, $/tonne	21 Jan 2022	790	2.93%	Dec 2021	822 - 826
MB-STE-0125	Steel hot-rolled coil import, cfr Jebel Ali, UAE, $/tonne	25 Jan 2022	770 - 810	4.29%	Dec 2021	800 - 828.75
MB-STE-0113	Steel hot-rolled coil import, cfr Saudi Arabia, $/tonne	25 Jan 2022	820 - 840	0.00%	Dec 2021	822.5 - 860

Cold-rolled steel prices

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

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0012	Steel cold-rolled coil export, fob Black Sea, CIS, $/tonne	24 Jan 2022	880 - 900	-1.11%	Dec 2021	902.5 - 927.5
MB-STE-0026	Steel cold-rolled coil domestic, exw Northern Europe, €/tonne	26 Jan 2022	1085 - 1100	-2.02%	Dec 2021	1018 - 1066
MB-STE-0027	Steel cold-rolled coil domestic, exw Southern Europe, €/tonne	26 Jan 2022	1020 - 1060	-1.42%	Dec 2021	1014 - 1044
MB-STE-0044	Steel cold-rolled coil import, cfr main port Northern Europe, €/tonne	26 Jan 2022	870 - 900	0.00%	Dec 2021	934 - 954
MB-STE-0045	Steel cold-rolled coil import, cfr main port Southern Europe, €/tonne	26 Jan 2022	880 - 900	1.71%	Dec 2021	914 - 954
MB-STE-0064	Steel cold-rolled sheet domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	24 Jan 2022	83000 - 85000	0.00%	Dec 2021	82500 - 84750
MB-STE-0103	Steel cold-rolled coil import, cfr main ports South America, $/tonne	21 Jan 2022	925 - 960	-0.79%	Dec 2021	943 - 998
MB-STE-0106	Steel cold-rolled coil import, cfr main port Turkey, $/tonne	21 Jan 2022	955 - 960	2.68%	Dec 2021	937 - 946
MB-STE-0109	Steel cold-rolled coil domestic, exw Turkey, $/tonne	21 Jan 2022	1020 - 1035	4.85%	Dec 2021	990 - 1012
MB-STE-0124	Steel cold-rolled coil import, cfr Jebel Ali, UAE, $/tonne	25 Jan 2022	870 - 910	0.00%	Dec 2021	875 - 926.25
MB-STE-0132	Steel cold-rolled coil export, fob main port Latin America, $/tonne	21 Jan 2022	890 - 920	0.00%	Dec 2021	990 - 1000
MB-STE-0145	Steel cold-rolled coil export, fob China main port, $/tonne	25 Jan 2022	850 - 860	1.48%	Dec 2021	846.25 - 860
MB-STE-0153	Steel cold-rolled coil domestic, delivered Eastern China domestic, yuan/tonne	21 Jan 2022	5400 - 5450	-0.09%	Dec 2021	5444 - 5500
MB-STE-0181	Steel cold-rolled coil, import, ddp Houston, $/short ton	19 Jan 2022	1420 - 1490	0.00%	Dec 2021	1475 - 1525
MB-STE-0185	Steel cold-rolled coil, fob mill US, $/cwt	27 Jan 2022	91	-3.19%	Dec 2021	101.6
MB-STE-0435	Steel cold-rolled coil domestic, ex-whse India, rupees/tonne	21 Jan 2022	68500 - 69500	0.00%	Dec 2021	71800 - 72800
MB-STE-0443	Steel cold-rolled coil import, cfr main port India, $/tonne	21 Jan 2022	820 - 825	0.00%	Dec 2021	835 - 847
MB-STE-0469	Steel cold-rolled coil, fob mill US, $/short ton	27 Jan 2022	1820	-3.19%	Dec 2021	

Galvanized steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0883	Steel hot-dipped galvanized coil (hot-rolled base), fob mill US, $/cwt	27 Jan 2022	88	0.00%	Dec 2021	99.4
MB-STE-0780	Steel hot-dipped galvanized export, fob Turkey, $/tonne	21 Jan 2022	1060 - 1100	0.00%	Dec 2021	1119 - 1132
MB-STE-0434	Steel hot-dipped galvanized coil domestic, ex-whse India, rupees/tonne	21 Jan 2022	75500 - 77000	1.67%	Dec 2021	78200 - 80000
MB-STE-0470	Steel hot-dipped galvanized (base) steel coil, fob mill US, $/short ton	27 Jan 2022	1790	-2.72%	Dec 2021	
MB-STE-0031	Steel hot-dipped galvanized coil domestic, exw Southern Europe, €/tonne	26 Jan 2022	1030 - 1080	-1.40%	Dec 2021	1022 - 1056
MB-STE-0104	Steel hot-dipped galvanized coil import, cfr main ports South America, $/tonne	21 Jan 2022	980 - 1020	-1.96%	Dec 2021	1000 - 1046
MB-STE-0091	Steel hot-dipped galvanized coil import, cfr main port Northern Europe, €/tonne	26 Jan 2022	970 - 980	0.00%	Dec 2021	1026 - 1042
MB-STE-0021	Steel hot-dipped galvanized coil domestic, ex-whs Eastern China, yuan/tonne	21 Jan 2022	5650 - 5700	0.00%	Dec 2021	5646 - 5698
MB-STE-0110	Steel hot-dipped galvanized coil domestic, exw Turkey, $/tonne	21 Jan 2022	1050 - 1100	0.00%	Dec 2021	1113 - 1126
MB-STE-0048	Steel hot-dipped galvanized coil import, cfr main port Southern Europe, €/tonne	26 Jan 2022	950 - 970	2.67%	Dec 2021	984 - 1018
MB-STE-0030	Steel hot-dipped galvanized coil domestic, exw Northern Europe, €/tonne	26 Jan 2022	1090 - 1150	-0.44%	Dec 2021	1038 - 1088
MB-STE-0123	Steel hot-dipped-galvanized coil import, cfr Jebel Ali, UAE, $/tonne	25 Jan 2022	1080 - 1170	1.58%	Dec 2021	1077.5 - 1130
MB-STE-0186	Steel hot-dipped galvanized coil (cold-rolled base), fob mill US, $/cwt	27 Jan 2022	89.5	-2.72%	Dec 2021	100.6

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0006	Steel hot-dipped galvanized coil domestic monthly, exw Brazil, reais/tonne	14 Jan 2022	8055 - 8250	-1.03%	Dec 2021	8055 - 8420
MB-STE-0441	Steel hot-dipped galvanized coil export, fob main port India, $/tonne	21 Jan 2022	990 - 1000	0.00%	Dec 2021	1024 - 1048
MB-STE-0182	Steel hot-dipped galvanized 0.012 inch G30, ddp Houston, $/short ton	19 Jan 2022	1640 - 1700	0.00%	Dec 2021	1640 - 1700
MB-STE-0212	Steel hot-dipped galvanized coil 0.03-0.13 inch G90 (cold-rolled base), fob mill US, $/cwt	27 Jan 2022	94	-2.59%	Dec 2021	105.1
MB-STE-0009	Steel galvanized coil 1mm export, fob main port China, $/tonne	25 Jan 2022	900 - 920	1.06%	Dec 2021	898.75 - 920
MB-STE-0111	Steel prepainted galvanized domestic, exw Turkey, $/tonne	21 Jan 2022	1150 - 1200	0.00%	Dec 2021	1217 - 1234
MB-STE-0187	Steel coil Galvalume, fob mill US, $/cwt	18 Jan 2022	82.5	-10.81%	Dec 2021	92.5
MB-STE-0850	Steel coil Galvalume import, cfr main ports South America, $/tonne	21 Jan 2022	1150 - 1180	0.00%	Dec 2021	1150 - 1200

Steel plate prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0013	Steel heavy plate 8-50mm export, fob Black Sea, CIS, $/tonne	24 Jan 2022	815 - 825	-1.50%	Dec 2021	890 - 940
MB-STE-0034	Steel domestic plate 8-40mm, exw Northern Europe, €/tonne	26 Jan 2022	960 - 990	0.52%	Dec 2021	966 - 994
MB-STE-0035	Steel domestic plate 8-40mm, exw Southern Europe, €/tonne	26 Jan 2022	860 - 880	2.35%	Dec 2021	842 - 870
MB-STE-0049	Steel plate (8-40mm) import, cfr main port Northern Europe, €/tonne	26 Jan 2022	830 - 850	0.00%	Dec 2021	848 - 858
MB-STE-0050	Steel plate (8-40mm) import, cfr main port Southern Europe, €/tonne	26 Jan 2022	820 - 860	0.00%	Dec 2021	848 - 858
MB-STE-0101	Steel plate import, cfr main ports South America, $/tonne	21 Jan 2022	880 - 920	1.12%	Dec 2021	913 - 934
MB-STE-0134	Steel heavy plate (thicker than 10mm) export, fob main port Latin America, $/tonne	21 Jan 2022	810 - 830	0.00%	Dec 2021	853 - 867
MB-STE-0146	Steel heavy plate export, fob China main port, $/tonne	25 Jan 2022	780 - 815	2.24%	Dec 2021	797.5 - 807.5
MB-STE-0155	Steel plate domestic, delivered whs Eastern China, yuan/tonne	21 Jan 2022	4950 - 4990	0.71%	Dec 2021	5080 - 5100
MB-STE-0172	Steel cut-to-length plate carbon grade, fob mill US, $/cwt	21 Jan 2022	90.75	0.00%	Dec 2021	90.75
MB-STE-0179	Steel medium plate, import, ddp Houston, $/short ton	19 Jan 2022	1450 - 1500	0.00%	Dec 2021	1475 - 1530
MB-STE-0437	Steel heavy plate domestic, ex-whse India, rupees/tonne	21 Jan 2022	62500 - 64500	0.00%	Dec 2021	65800 - 67600
MB-STE-0439	Steel heavy plate 12-40mm export, fob main port India, $/tonne	21 Jan 2022	830 - 840	9.15%	Dec 2021	791 - 806
MB-STE-0446	Steel heavy plate 10-40mm import, cfr main port India, $/tonne	21 Jan 2022	775 - 785	0.00%	Dec 2021	816 - 827
MB-STE-0467	Steel cut-to-length plate carbon grade, fob mill US, $/short ton	21 Jan 2022	1815	0.00%	Dec 2021	
MB-STE-0514	Steel plate domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	24 Jan 2022	81000 - 85000	1.22%	Dec 2021	80500 - 82000

Reinforcing bar (rebar) prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0008	Steel reinforcing bar (rebar) domestic monthly, delivered Brazil, reais/tonne	14 Jan 2022	4440 - 4780	3.83%	Dec 2021	4280 - 4600
MB-STE-0015	Steel reinforcing bar (rebar) export, fob Black Sea, CIS, $/tonne	24 Jan 2022	690 - 735	0.00%	Dec 2021	717.5 - 730
MB-STE-0036	Steel reinforcing bar (rebar) domestic, delivered Northern Europe, €/tonne	26 Jan 2022	830 - 860	0.00%	Dec 2021	812 - 844
MB-STE-0037	Steel reinforcing bar (rebar) domestic, delivered Southern Europe, €/tonne	26 Jan 2022	820 - 860	0.60%	Dec 2021	774 - 800
MB-STE-0051	Steel reinforcing bar (rebar) import, cfr main EU port Northern Europe, €/tonne	26 Jan 2022	740 - 770	-0.66%	Dec 2021	714 - 760

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0052	Steel reinforcing bar (rebar) import, cfr main EU port Southern Europe, €/tonne	26 Jan 2022	720 - 750	-0.68%	Dec 2021	674 - 700
MB-STE-0066	Steel reinforcing bar (rebar) domestic, cpt Moscow, Russia, rubles/tonne incl. VAT	24 Jan 2022	63000 - 65000	0.00%	Dec 2021	62000 - 64000
MB-STE-0073	Steel reinforcing bar (rebar) export, fob main port Southern Europe, €/tonne	26 Jan 2022	780 - 800	0.00%	Dec 2021	732 - 752
MB-STE-0092	Steel reinforcing bar (rebar) domestic, exw Poland, zloty/tonne	21 Jan 2022	3900 - 3950	0.00%	Dec 2021	3600 - 3720
MB-STE-0112	Steel reinforcing bar (rebar) domestic, exw Egypt, E£/tonne	27 Jan 2022	14900 - 15000	0.00%	Dec 2021	14900 - 15350
MB-STE-0119	Steel reinforcing bar (rebar) export, fob main port Turkey, $/tonne	27 Jan 2022	700 - 715	0.00%	Dec 2021	693 - 705
MB-STE-0126	Steel reinforcing bar (rebar) domestic, exw UAE, dirhams/tonne	25 Jan 2022	2400 - 2450	0.00%	Dec 2021	2439.75 - 2475
MB-STE-0127	Steel reinforcing bar (rebar) import, cfr Jebel Ali, UAE, $/tonne	25 Jan 2022	660 - 680	2.21%	Dec 2021	649 - 667
MB-STE-0142	Steel reinforcing bar (rebar) import, cfr Singapore, $/tonne	24 Jan 2022	730 - 740	2.08%	Dec 2021	711.25 - 713.75
MB-STE-0147	Steel reinforcing bar (rebar) index export, fob China main port, $/tonne	25 Jan 2022	756.42	0.78%	Dec 2021	781.72
MB-STE-0152	Steel reinforcing bar (rebar) domestic, ex-whs Eastern China, yuan/tonne	27 Jan 2022	4700 - 4730	0.00%	Dec 2021	4778.26 - 4809.57
MB-STE-0162	Steel reinforcing bar (rebar) domestic, ex-whs Northern China, yuan/tonne	21 Jan 2022	4700 - 4740	2.39%	Dec 2021	4642 - 4692
MB-STE-0170	Steel reinforcing bar (rebar), fob mill US, $/cwt	26 Jan 2022	51.5	0.00%	Dec 2021	51.5
MB-STE-0171	Steel reinforcing bar (rebar), import, loaded truck Port of Houston for immediate delivery, $/short ton	26 Jan 2022	940 - 970	-2.05%	Dec 2021	966 - 992
MB-STE-0438	Steel rebar domestic, exw India, rupees/tonne	21 Jan 2022	48500 - 48700	1.04%	Dec 2021	45280 - 45480
MB-STE-0465	Steel reinforcing bar (rebar), fob mill US, $/short ton	26 Jan 2022	1030	0.00%	Dec 2021	
MB-STE-0784	Steel reinforcing bar (rebar) domestic, exw Turkey, lira/tonne	27 Jan 2022	11000 - 11300	-0.45%	Dec 2021	10903 - 11265

Wire rod prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0017	Steel wire rod (mesh quality) export, fob Black Sea, CIS, $/tonne	24 Jan 2022	795 - 830	0.31%	Dec 2021	728.75 - 800
MB-STE-0042	Steel wire rod (mesh quality) domestic, delivered Northern Europe, €/tonne	26 Jan 2022	850 - 870	0.00%	Dec 2021	818 - 844
MB-STE-0043	Steel wire rod (mesh quality) domestic, delivered Southern Europe, €/tonne	26 Jan 2022	830 - 850	0.00%	Dec 2021	780 - 808
MB-STE-0053	Steel wire rod (mesh quality) import, main port Northern Europe, €/tonne	26 Jan 2022	780 - 800	0.00%	Dec 2021	762 - 780
MB-STE-0054	Steel wire rod (mesh quality) import, main port Southern Europe, €/tonne	26 Jan 2022	750 - 780	-0.65%	Dec 2021	750 - 770
MB-STE-0074	Steel wire rod export, fob main port Southern Europe, €/tonne	26 Jan 2022	800 - 840	0.00%	Dec 2021	774 - 790
MB-STE-0120	Steel wire rod (mesh quality) export, fob main port Turkey, $/tonne	27 Jan 2022	810 - 815	2.20%	Dec 2021	790 - 800
MB-STE-0130	Steel wire rod (mesh quality) export, fob main port Latin America, $/tonne	21 Jan 2022	750 - 800	0.00%	Dec 2021	770 - 808
MB-STE-0143	Steel wire rod (low carbon) import, cfr Southeast Asia, $/tonne	24 Jan 2022	745	3.11%	Dec 2021	710
MB-STE-0148	Steel wire rod (mesh quality) export, fob China main port, $/tonne	25 Jan 2022	770 - 775	4.75%	Dec 2021	743.75 - 757.5
MB-STE-0164	Steel wire rod (mesh quality) domestic, ex-whs Eastern China, yuan/tonne	21 Jan 2022	4720 - 4760	0.53%	Dec 2021	4788 - 4838
MB-STE-0192	Steel wire rod (low carbon) industrial quality, fob mill US, $/cwt	18 Jan 2022	64 - 69	0.00%	Dec 2021	64 - 69

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0193	Steel wire rod (high carbon), fob mill US, $/cwt	18 Jan 2022	73	0.00%	Dec 2021	73
MB-STE-0194	Steel wire rod cold-heading quality, ddp, $/cwt	18 Jan 2022	75	0.00%	Dec 2021	75
MB-STE-0195	Steel wire rod (low carbon) import, loaded truck Port of Houston for immediate delivery, $/short ton	18 Jan 2022	1120 - 1220	-4.88%	Dec 2021	1180 - 1280
MB-STE-0785	Steel wire rod (mesh quality) domestic, exw Turkey, lira/tonne	27 Jan 2022	13000 - 13500	0.00%	Dec 2021	12440 - 12900
MB-STE-0891	Steel wire rod (drawing quality), domestic, delivered Poland, zloty/tonne	21 Jan 2022	3950 - 4000	0.00%	Dec 2021	3900 - 3950

Steel beams, sections & bar prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FE-0001	Steel merchant bar export, fob main port Turkey, $/tonne	27 Jan 2022	775 - 785	0.00%	Dec 2021	773 - 776
MB-STE-0020	Steel hollow sections ASTM A500 Grade B domestic, fob mill US, $/short ton	27 Jan 2022	2050 - 2100	-2.35%	Dec 2021	2260 - 2310
MB-STE-0024	Steel beams domestic, delivered Northern Europe, €/tonne	26 Jan 2022	1070 - 1100	0.00%	Dec 2021	1020 - 1040
MB-STE-0025	Steel beams domestic, delivered Southern Europe, €/tonne	26 Jan 2022	1070 - 1100	0.00%	Dec 2021	1020 - 1030
MB-STE-0038	Steel sections (medium) domestic, delivered Northern Europe, €/tonne	26 Jan 2022	1060 - 1120	1.87%	Dec 2021	1080 - 1150
MB-STE-0039	Steel sections (medium) domestic, delivered Southern Europe, €/tonne	26 Jan 2022	1050 - 1120	1.40%	Dec 2021	1080 - 1150
MB-STE-0161	Steel sections domestic, ex-whs Eastern China, yuan/tonne	21 Jan 2022	4750 - 4800	0.00%	Dec 2021	4676 - 4718
MB-STE-0199	Steel bar 2 x 2 x 1/4-inch angle merchant products, fob mill US, $/cwt	03 Jan 2022	60.8	0.00%	Dec 2021	60.8
MB-STE-0200	Steel bar 3 x 3 x 1/4-inch angle merchant products, fob mill US, $/cwt	03 Jan 2022	61.25	0.00%	Dec 2021	61.25
MB-STE-0201	Steel bar 8 x 11.5-inch channels merchant products, fob mill US, $/cwt	03 Jan 2022	60.5	0.00%	Dec 2021	60.5
MB-STE-0202	Steel bar 1/2 x 4-inch flat merchant products, fob mill US, $/cwt	03 Jan 2022	61	0.00%	Dec 2021	61
MB-STE-0203	Steel merchant bar, loaded truck Port of Houston for immediate delivery, $/short ton	03 Jan 2022	1180 - 1220	0.00%	Dec 2021	1180 - 1220
MB-STE-0204	Steel bar cold-finished 1-inch round 4140 (alloy), fob mill US, $/cwt	21 Jan 2022	111.75	-0.22%	Dec 2021	112
MB-STE-0205	Steel bar cold-finished 1-inch round 1018 (carbon), fob mill US, $/cwt	21 Jan 2022	90	-1.10%	Dec 2021	91
MB-STE-0206	Steel bar cold-finished 1-inch round 12L14 (carbon), fob mill US, $/cwt	21 Jan 2022	105	-0.94%	Dec 2021	106
MB-STE-0207	Steel bar hot-rolled special bar quality (SBQ) 1-inch round 4100 series (alloy), fob mill US, $/cwt	21 Jan 2022	78.5	-3.68%	Dec 2021	81.5
MB-STE-0208	Steel bar hot-rolled special bar quality (SBQ) 1-inch round 1000 series (carbon), fob mill US, $/cwt	21 Jan 2022	67.5	-3.57%	Dec 2021	70
MB-STE-0209	Steel beams 8 x 8-inch, fob mill US, $/cwt	27 Jan 2022	70.5	0.00%	Dec 2021	70.5
MB-STE-0210	Steel beams medium sections, loaded truck Port of Houston for immediate delivery, $/short ton	27 Jan 2022	1220 - 1260	-9.16%	Dec 2021	1390 - 1430
MB-STE-0851	Steel hollow sections ASTM 500 Grade B import, ddp US port of entry, $/short ton	25 Jan 2022	1800 - 1850	-2.67%	Dec 2021	1850 - 1900

Steel billet prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0782	Steel billet export, fob ports Iran, $/tonne	26 Jan 2022	550 - 555	0.00%	Dec 2021	548.6 - 554.4
MB-STE-0558	Steel billet index export, fob Black Sea, CIS, $/tonne	27 Jan 2022	649	0.00%	Dec 2021	600.9
MB-STE-0516	Steel billet import, cfr main port Egypt, $/tonne	27 Jan 2022	670 - 690	1.49%	Dec 2021	649 - 662
MB-STE-0433	Steel billet domestic, exw India, rupees/tonne	21 Jan 2022	45800 - 46000	1.55%	Dec 2021	41780 - 41980

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0440	Steel billet export, fob main port India, $/tonne	21 Jan 2022	605 - 610	1.67%	Dec 2021	593 - 598
MB-STE-0141	Steel billet import, cfr Manila, $/tonne	27 Jan 2022	660	1.54%	Dec 2021	634.13 - 639.35
MB-STE-0157	Steel billet domestic, exw Tangshan, Northern China, yuan/tonne	27 Jan 2022	4480	0.00%	Dec 2021	4339.57
MB-STE-0890	Steel billet, import, cfr China, $/tonne	25 Jan 2022	630 - 640	0.00%	Dec 2021	607 - 615
MB-STE-0116	Steel billet import, cfr main port Turkey, $/tonne	27 Jan 2022	655 - 675	2.31%	Dec 2021	628 - 637
MB-STE-0117	Steel billet export, fob main port Turkey, $/tonne	27 Jan 2022	665 - 670	0.00%	Dec 2021	652 - 661
MB-STE-0115	Steel billet domestic, exw Turkey, $/tonne	27 Jan 2022	665 - 670	0.00%	Dec 2021	654 - 667
MB-STE-0128	Steel billet export, fob main port Latin America, $/tonne	21 Jan 2022	600 - 610	0.00%	Dec 2021	602 - 618
MB-STE-0122	Steel billet import, cfr Jebel Ali, UAE, $/tonne	25 Jan 2022	600 - 630	2.50%	Dec 2021	590 - 625

Steel slab prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0781	Steel slab export, fob ports Iran, $/tonne	26 Jan 2022	560	0.00%	Dec 2021	575.2
MB-STE-0566	Steel slab export, fob main port Brazil, $/tonne	21 Jan 2022	620 - 630	0.81%	Dec 2021	601 - 628
MB-STE-0140	Steel slab import, cfr Southeast Asia/East Asia, $/tonne	24 Jan 2022	645 - 655	0.78%	Dec 2021	647.5 - 663.75
MB-STE-0016	Steel slab export, fob Black Sea, CIS, $/tonne	24 Jan 2022	630 - 650	6.67%	Dec 2021	596.25 - 613.75

Steel tube & pipe prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0022	Steel ERW standard pipe A53 Grade A, fob mill US, $/short ton	25 Jan 2022	2000 - 2050	-4.71%	Dec 2021	2100 - 2150
MB-STE-0023	Steel ERW standard pipe A53 Grade B, fob mill US, $/short ton	25 Jan 2022	2125 - 2175	-3.37%	Dec 2021	2200 - 2250
MB-STE-0056	Steel ERW standard pipe A53 Grade A import, cif Houston, $/short ton	25 Jan 2022	1850 - 1900	-2.60%	Dec 2021	1900 - 1950
MB-STE-0057	Steel ERW standard pipe A53 Grade B import, cif Houston, $/short ton	25 Jan 2022	1925 - 1975	-1.27%	Dec 2021	1950 - 2000
MB-STE-0059	Steel seamless line pipe - API 5LB import, cif Houston, $/short ton	11 Jan 2022	2525 - 2705	0.00%	Dec 2021	2525 - 2705
MB-STE-0062	Steel seamless OCTG API 5CT - Casing P110, import, cif Houston, $/short ton	11 Jan 2022	1825 - 1925	0.00%	Dec 2021	1825 - 1925
MB-STE-0063	Steel OCTG API 5CT - Casing J55, fob mill US, $/short ton	11 Jan 2022	2250 - 2350	0.00%	Dec 2021	2250 - 2350
MB-STE-0071	Steel seamless OCTG API 5CT - Casing P110, fob mill US, $/short ton	11 Jan 2022	2250 - 2350	0.00%	Dec 2021	2250 - 2350
MB-STE-0090	Steel welded mechanical tubing ASTM A513, fob mill US, $/short ton	25 Jan 2022	2175 - 2225	-4.86%	Dec 2021	2275 - 2350
MB-STE-0166	Steel structural pipe export S235JR grade EN10219 2mm wall thickness, fob main port Turkey, $/tonne	12 Jan 2022	910 - 920	-2.92%	Dec 2021	940 - 945
MB-STE-0545	Steel ERW line pipe (X52), fob mill US, $/short ton	11 Jan 2022	2425 - 2475	0.00%	Dec 2021	2425 - 2475
MB-STE-0561	Steel ERW line pipe (X65), fob mill US, $/short ton	11 Jan 2022	2550 - 2600	0.00%	Dec 2021	2550 - 2600
MB-STE-0564	Steel welded OCTG API 5CT - Casing P110, fob mill US, $/short ton	11 Jan 2022	2200 - 2300	0.00%	Dec 2021	2200 - 2300
MB-STE-0565	Steel welded OCTG API 5CT - Casing P110, import, cif Houston, $/short ton	11 Jan 2022	1900 - 1950	0.00%	Dec 2021	1900 - 1950
MB-STE-0869	Steel OCTG API 5CT - Casing J55 import South Korean-made, cif Houston, $/short ton	11 Jan 2022	1750 - 1800	0.00%	Dec 2021	1750 - 1800
MB-STE-0870	Steel OCTG API 5CT - Casing J55 import non-South Korean-made, cif Houston, $/short ton	11 Jan 2022	1800 - 1850	0.00%	Dec 2021	1800 - 1850
MB-STE-0871	Steel ERW line pipe (X52) import South Korean-made, cif Houston, $/short ton	11 Jan 2022	1700 - 1800	0.00%	Dec 2021	1700 - 1800

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

Stainless & special steel prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0281	Stainless steel cold-rolled sheet 2mm grade 304 transaction domestic, delivered North Europe, €/tonne	21 Jan 2022	4450 - 4500	0.56%	Dec 2021	4300 - 4430
MB-STS-0035	Stainless steel 304 cold-rolled sheet, fob mill US, $/cwt	10 Jan 2022	205	2.50%	Dec 2021	200
MB-STS-0034	Stainless steel 304L cold-rolled sheet, fob mill US, $/cwt	10 Jan 2022	209	2.45%	Dec 2021	204
MB-STS-0037	Stainless steel 316L cold-rolled sheet, fob mill US, $/cwt	10 Jan 2022	282	1.44%	Dec 2021	278
MB-STS-0005	Stainless steel bright bar grade 304 base price domestic, delivered Europe, €/tonne	21 Jan 2022	1050 - 1100	0.00%	Dec 2021	1050 - 1100
MB-STS-0004	Stainless steel bright bar grade 304 alloy surcharge domestic, Europe, €/tonne	21 Jan 2022	3364 - 3570	0.00%	Dec 2021	2993 - 3330
MB-STS-0282	Stainless steel cold-rolled coil 2mm grade 304 export, fob China, $/tonne	26 Jan 2022	2900 - 3010	0.68%	Dec 2021	2742 - 2890
MB-STS-0018	Stainless steel cold-rolled coil, Asia grade 304 (2mm 2B), cif East Asian port, $/tonne	26 Jan 2022	2900 - 3000	0.00%	Dec 2021	2790 - 2868
MB-STS-0015	Stainless steel cold-rolled coil 2mm grade 304 domestic, ex-whs China, yuan/tonne	26 Jan 2022	18300 - 18500	2.22%	Dec 2021	16720 - 17000
MB-STS-0016	Stainless steel cold-rolled coil 2mm grade 430 domestic, ex-whs China, yuan/tonne	26 Jan 2022	9450 - 9500	0.00%	Dec 2021	9480 - 9530
MB-STS-0283	Stainless steel hot-rolled coil grade 304 export, fob China, $/tonne	26 Jan 2022	3000 - 3050	1.00%	Dec 2021	2756 - 2830
MB-STS-0280	Stainless steel hot-rolled coil Asia grade 304, cif port East Asia, $/tonne	26 Jan 2022	2780 - 2840	0.00%	Dec 2021	2698 - 2758
MB-STS-0001	Stainless steel cold-rolled sheet 316 2mm alloy surcharge domestic, Europe, €/tonne	21 Jan 2022	3643 - 3669	0.00%	Dec 2021	3546 - 3589
MB-STS-0002	Stainless steel cold-rolled sheet base price 316 2mm domestic, delivered Europe, €/tonne	21 Jan 2022	2100 - 2200	-3.59%	Dec 2021	2180 - 2280
MB-STS-0006	Stainless steel cold-rolled sheet 2mm grade 304 alloy surcharge domestic, Europe, €/tonne	21 Jan 2022	2421 - 2427	0.00%	Dec 2021	2308 - 2363
MB-STS-0007	Stainless steel cold-rolled sheet 2mm grade 304 base price domestic, delivered Northern Europe, €/tonne	21 Jan 2022	1900 - 2000	0.00%	Dec 2021	1900 - 2000

Steel raw materials prices

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

Iron ore prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-IRO-0008	Iron ore 62% Fe fines, cfr Qingdao, $/tonne	27 Jan 2022	139.62	0.81%	Dec 2021	115.25
MB-IRO-0009	Iron ore 65% Fe Brazil-origin fines, cfr Qingdao, $/tonne	27 Jan 2022	170.3	0.29%	Dec 2021	132.02
MB-IRO-0010	Iron ore 63% Fe Australia-origin lump ore premium, cfr Qingdao, US cents/dmtu	27 Jan 2022	30.5	0.00%	Dec 2021	15.17
MB-IRO-0011	Iron ore 62% Fe fines, fot Qingdao, yuan/wet tonne	27 Jan 2022	906	0.00%	Dec 2021	758.57
MB-IRO-0012	Iron ore 65% Fe blast furnace pellet, cfr Qingdao, $/tonne	21 Jan 2022	211.6	0.55%	Dec 2021	185.02
MB-IRO-0013	Iron ore 66% Fe concentrate, cfr Qingdao, $/tonne	21 Jan 2022	164.52	0.86%	Dec 2021	138.88
MB-IRO-0015	Iron ore 58% Fe fines, cfr Qingdao, $/tonne	27 Jan 2022	82.22	0.37%	Dec 2021	69.6
MB-IRO-0016	Iron ore 58% Fe fines high-grade premium, cfr Qingdao, $/tonne	27 Jan 2022	35	0.00%	Dec 2021	18.54
MB-IRO-0017	Iron ore 58% Fe fines high-grade premium index, cfr Qingdao, $/tonne	27 Jan 2022	117.22	0.26%	Dec 2021	88.14
MB-IRO-0018	Iron ore 62% Fe fines, % Fe VIU, cfr Qingdao, $/tonne	27 Jan 2022	2.31	0.00%	Dec 2021	2.11
MB-IRO-0019	Iron ore 65% Fe fines, % Fe VIU, cfr Qingdao $/tonne	27 Jan 2022	3.17	0.00%	Dec 2021	2.29
MB-IRO-0020	Iron ore 62% Fe fines, % Si VIU, cfr Qingdao, $/tonne	27 Jan 2022	(5.08)		Dec 2021	(4.94)
MB-IRO-0021	Iron ore 62% Fe fines, % Al2O3 VIU, cfr Qingdao, $/tonne	27 Jan 2022	(7.3)		Dec 2021	(6.33)
MB-IRO-0022	Iron ore 62% Fe fines, fot Qingdao, $/tonne conversion	27 Jan 2022	132.71	0.08%	Dec 2021	109.62
MB-IRO-0024	Iron ore 62% Fe fines, 0.01% P VIU, cfr Qingdao, $/tonne	27 Jan 2022	(0.65)		Dec 2021	(0.82)
MB-IRO-0077	Iron ore DR-grade pellet premium to 65% Fe fines index, Middle East reference, $/tonne	31 Dec 2021	50	0.00%	Dec 2021	50
MB-IRO-0144	Iron ore 62% Fe low-alumina fines, cfr Qingdao, $/tonne	27 Jan 2022	145.9	-0.27%	Dec 2021	115.83
MB-IRO-0177	Iron ore pellet premium over 65% Fe fines, cfr China, $/tonne	21 Jan 2022	54.8	0.00%	Dec 2021	52.2

Coking coal, coke & PCI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-COA-0001	Hard coking coal domestic China spot market, Shanxi-origin, delivered Tangshan, yuan/tonne	24 Jan 2022	2675 - 3040	0.00%	Dec 2021	2175 - 2692
MB-COA-0002	Hard coking coal, cfr Jingtang, $/dmt	27 Jan 2022	361.18	0.00%	Dec 2021	325.14
MB-COA-0003	Premium hard coking coal, fob DBCT, $/dmt	27 Jan 2022	445.1	0.00%	Dec 2021	340.4
MB-COA-0004	Hard coking coal, fob DBCT, $/dmt	27 Jan 2022	391.84	0.00%	Dec 2021	287.44
MB-COA-0005	Premium hard coking coal, cfr Jingtang, $/dmt	27 Jan 2022	405.28	0.00%	Dec 2021	355.52
MB-COA-0006	Coke 65% CSR, fob China, $/tonne	25 Jan 2022	560 - 580	-5.39%	Dec 2021	497.5 - 526.25
MB-COA-0007	PCI low-vol, cfr Jingtang, $/dmt	21 Jan 2022	287.18	1.64%	Dec 2021	218.74
MB-COA-0008	PCI low-vol, fob DBCT, $/dmt	21 Jan 2022	290.1	16.00%	Dec 2021	235.28

Pig iron, DRI & HBI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FE-0002	Hot-briquetted iron export, fob main port Venezuela, $/tonne	21 Jan 2022	350 - 360	0.00%	Dec 2021	370 - 390
MB-FE-0003	Hot-briquetted iron, fob New Orleans, $/tonne	24 Jan 2022	490 - 520	0.00%	Dec 2021	490 - 520
MB-FE-0004	Hot-briquetted iron, cfr Italian ports, $/tonne	27 Jan 2022	480 - 500	**1.03%**	Dec 2021	490 - 495
MB-FEN-0001	Nickel pig iron, high-grade NPI content 10-15%, contract, ddp China, yuan/nickel unit price	21 Jan 2022	1360 - 1380	0.00%	Dec 2021	1344 - 1376
MB-FEN-0002	Nickel pig iron, high-grade NPI content 10-15%, spot, ddp China, yuan/nickel unit price	21 Jan 2022	1370 - 1420	**1.45%**	Dec 2021	1328 - 1360
MB-FEN-0004	Pig iron foundry grade, Brazil, fob New Orleans, $/tonne	24 Jan 2022	710 - 740	0.00%	Dec 2021	710 - 740
MB-IRO-0001	Pig iron export, fob main port Baltic Sea, CIS, $/tonne	27 Jan 2022	560 - 570	**2.73%**	Dec 2021	550 - 554
MB-IRO-0002	Pig iron export, fob main port Black Sea, CIS, $/tonne	27 Jan 2022	510 - 525	**1.97%**	Dec 2021	501 - 514
MB-IRO-0004	Pig iron import, cfr Gulf of Mexico, US, $/tonne	21 Jan 2022	540 - 545	**1.40%**	Dec 2021	551 - 558
MB-IRO-0005	Pig iron export, fob port of Vitoria/Rio, Brazil, $/tonne	21 Jan 2022	500 - 505	**0.50%**	Dec 2021	496 - 497
MB-IRO-0006	Pig iron export, fob Ponta da Madeira, Brazil, $/tonne	21 Jan 2022	520	0.00%	Dec 2021	534 - 539
MB-IRO-0014	Pig iron import, cfr Italy, $/tonne	27 Jan 2022	540 - 555	**2.34%**	Dec 2021	548 - 556
MB-IRO-0023	Direct reduced iron domestic, exw India, rupees/tonne	21 Jan 2022	35200 - 35400	**2.92%**	Dec 2021	30740 - 30940
MB-IRO-0078	Pig iron basic grade, Brazil, fob New Orleans, $/tonne	24 Jan 2022	540 - 570	0.00%	Dec 2021	580 - 610
MB-IRO-0079	Pig iron basic grade, Ukraine/Russia, fob New Orleans, $/tonne	24 Jan 2022	540 - 570	0.00%	Dec 2021	580 - 610
MB-IRO-0178	Pig iron, import, cfr China, $/tonne	20 Jan 2022	535 - 545	**0.93%**	Dec 2021	517.5 - 525

Ores and alloys prices

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

Chrome ore and ferro-chrome prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CHO-0002	Chrome ore Turkish lumpy 40-42%, cfr main Chinese ports, $/tonne	25 Jan 2022	300 - 310	0.00%	Dec 2021	290 - 308.75
MB-CHO-0003	Chrome ore South Africa UG2/MG concentrates index, cif China, $/tonne	25 Jan 2022	185	6.32%	Dec 2021	170.75
MB-FEC-0001	Ferro-chrome low phosphorous, min 65% Cr, max 0.015% P, delivered Europe, $/lb	18 Jan 2022	1.78 - 2.03	1.60%	Dec 2021	1.77 - 1.99
MB-FEC-0002	Ferro-chrome low carbon, 65% Cr, max 0.06% C, delivered Europe, $/lb Cr	18 Jan 2022	3.74 - 4.37	1.25%	Dec 2021	3.67 - 4.31
MB-FEC-0003	Ferro-chrome 0.10% C, average 65-70% Cr, delivered Europe, $/lb Cr	18 Jan 2022	3.7 - 4.33	1.26%	Dec 2021	3.63 - 4.27
MB-FEC-0005	Ferro-chrome contract 6-8% C, basis 50% Cr, ddp China, yuan/tonne	25 Jan 2022	7995 - 8195	-9.02%	Dec 2021	9098.75 - 9600
MB-FEC-0006	Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	25 Jan 2022	8500 - 8800	1.76%	Dec 2021	8725 - 9000
MB-FEC-0007	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, US cents/lb	27 Jan 2022	210 - 225	0.00%	Dec 2021	202 - 222
MB-FEC-0008	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, US cents/lb	27 Jan 2022	380 - 385	0.00%	Dec 2021	380 - 385
MB-FEC-0009	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, US cents/lb	27 Jan 2022	365 - 375	0.00%	Dec 2021	365 - 375
MB-FEC-0010	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, US cents/lb	27 Jan 2022	355 - 360	0.00%	Dec 2021	355 - 360
MB-FEC-0011	Ferro-chrome 50% Cr import, cif main Chinese ports, $/lb contained Cr	25 Jan 2022	1.07	0.00%	Dec 2021	1.16
MB-FEC-0012	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, $/lb	27 Jan 2022	2.1 - 2.25	0.00%	Dec 2021	
MB-FEC-0013	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, $/lb	27 Jan 2022	3.8 - 3.85	0.00%	Dec 2021	
MB-FEC-0014	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, $/lb	27 Jan 2022	3.65 - 3.75	0.00%	Dec 2021	
MB-FEC-0015	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, $/lb	27 Jan 2022	3.55 - 3.6	0.00%	Dec 2021	
MB-FEC-0016	Ferro-chrome lumpy Cr charge quarterly, basis 52% Cr (and high carbon), delivered Europe, $/lb Cr (rounded to the closest 2 decimal places)	01 Jan 2022	1.8	0.00%	Dec 2021	1.8
MB-FEC-0017	Ferro-chrome high carbon 57-65% Cr, cif dup Japan, $/lb	27 Jan 2022	1.06 - 1.08	0.00%	Dec 2021	1.17 - 1.19
MB-FEC-0018	Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, $/lb	27 Jan 2022	1.05 - 1.07	0.00%	Dec 2021	1.15 - 1.17
MB-FEC-0019	Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, $/lb	25 Jan 2022	1.72	0.00%	Dec 2021	1.81
MB-FEC-0020	Ferro-chrome high carbon 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, $/lb Cr	25 Jan 2022	1.25 - 1.5	0.00%	Dec 2021	1.42 - 1.5
MB-FEC-0021	Ferro-chrome high carbon 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, $/lb Cr	25 Jan 2022	1.71 - 1.98	0.00%	Dec 2021	1.72 - 1.92

Manganese ore and alloy prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEM-0001	Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, $/long ton	27 Jan 2022	2600 - 2650	0.00%	Dec 2021	2600 - 2650

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEM-0002	Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	27 Jan 2022	315 - 320	0.00%	Dec 2021	315 - 320
MB-FEM-0003	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, US cents/lb	27 Jan 2022	255 - 260	0.00%	Dec 2021	249 - 254
MB-FEM-0004	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, $/lb	27 Jan 2022	2.55 - 2.6	0.00%	Dec 2021	
MB-FEM-0006	Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	21 Jan 2022	1525 - 1575	1.64%	Dec 2021	1670 - 1770
MB-FEM-0007	Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	21 Jan 2022	7500 - 7700	1.33%	Dec 2021	6920 - 7060
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, $/dmtu	21 Jan 2022	5.46	0.37%	Dec 2021	5.52
MB-MNO-0002	Manganese ore 37% Mn, fob Port Elizabeth, $/dmtu	21 Jan 2022	3.34	-1.18%	Dec 2021	3.21
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, $/dmtu	21 Jan 2022	4.52	0.22%	Dec 2021	4.54
MB-MNO-0004	Manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin China, yuan/dmtu	21 Jan 2022	34.4	0.29%	Dec 2021	33.94
MB-MNO-0005	Manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin China, yuan/dmtu	21 Jan 2022	43.5	0.69%	Dec 2021	42.24
MB-SIM-0001	Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	21 Jan 2022	7900 - 8200	0.00%	Dec 2021	7680 - 7900
MB-SIM-0002	Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	21 Jan 2022	1550 - 1600	0.00%	Dec 2021	1620 - 1720
MB-SIM-0003	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, US cents/lb	27 Jan 2022	120 - 125	0.00%	Dec 2021	120 - 125
MB-SIM-0005	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, $/lb	27 Jan 2022	1.2 - 1.25	0.00%	Dec 2021	
MB-SIM-0004	Silico-manganese 65% Mn min, min 16% Si, fob India, $/tonne	21 Jan 2022	1470 - 1520	0.67%	Dec 2021	1445 - 1495

Ferro-silicon prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FES-0001	Ferro-silicon 75% Si min, in-whs China, yuan/tonne	26 Jan 2022	9500 - 9600	0.00%	Dec 2021	9360 - 9600
MB-FES-0002	Ferro-silicon 75% Si, in-whs Pittsburgh, US cents/lb	27 Jan 2022	330 - 335	-0.75%	Dec 2021	330 - 340
MB-FES-0003	Ferro-silicon 75% Si, in-whs Pittsburgh, $/lb	27 Jan 2022	3.3 - 3.35	-0.60%	Dec 2021	
MB-FES-0004	Ferro-silicon 75% Si min export, fob China, $/tonne	26 Jan 2022	2000 - 2100	0.00%	Dec 2021	2070 - 2170
MB-FES-0005	Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	21 Jan 2022	2900 - 3300	1.64%	Dec 2021	3060 - 3460
MB-FES-0006	Ferro-silicon 75% Si min, cif Japan, $/tonne	26 Jan 2022	2050 - 2150	0.00%	Dec 2021	2104 - 2208

Tungsten prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEU-0001	Ferro-tungsten basis 75% W, in-whs dup Rotterdam, $/kg W	26 Jan 2022	40.6 - 41.5	0.00%	Dec 2021	36.75 - 38.5
MB-FEU-0003	Ferro-tungsten export, min 75% fob China, $/kg W	26 Jan 2022	39.5 - 41.5	0.00%	Dec 2021	38.1 - 40.1
MB-W-0001	Tungsten APT 88.5% WO3 min cif Rotterdam and Baltimore duty-free, $/mtu WO3	21 Jan 2022	330 - 335	1.37%	Dec 2021	320 - 325
MB-W-0002	Tungsten concentrate 65% WO3, in-whs China, yuan/tonne	26 Jan 2022	115000 - 117000	0.00%	Dec 2021	108500 - 109800
MB-W-0003	Tungsten APT 88.5% WO3 min, fob main ports China, $/mtu WO3	26 Jan 2022	325 - 330	0.00%	Dec 2021	313.8 - 319.4

Vanadium & niobium prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEV-0003	Ferro-vanadium 78% V min, fob China, $/kg V	27 Jan 2022	37.89 - 38.44	0.00%	Dec 2021	37.78 - 38.52
MB-FEV-0001	Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, $/kg V	26 Jan 2022	37.5 - 39	0.00%	Dec 2021	32.28 - 33
MB-FEV-0002	Ferro-vanadium 70-80% V, in-whs Pittsburgh, $/lb	27 Jan 2022	17.75 - 18	3.05%	Dec 2021	14.9 - 15.25
MB-V-0001	Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, $/lb V2O5	21 Jan 2022	9.5 - 10	11.43%	Dec 2021	8.5 - 9
MB-V-0002	Vanadium pentoxide 98% V2O5 min, fob China, $/lb V2O5	27 Jan 2022	8.71 - 8.86	0.00%	Dec 2021	8.76 - 8.91
MB-V-0004	Vanadium pentoxide 98% V2O5 min, exw China, yuan/tonne	27 Jan 2022	122000 - 124000	0.00%	Dec 2021	122900 - 125000
MB-V-0003	Vanadium nitrogen, basis 77%V, 16% N, exw China, yuan/tonne	27 Jan 2022	185000 - 188000	0.00%	Dec 2021	185200 - 188800
MB-FN-0001	Ferro-niobium 63-67% delivered consumer works, dp, Europe $ per kg Nb	26 Jan 2022	45 - 45.5	0.22%	Dec 2021	44.32 - 45.7

Ferro-nickel & ferro-titanium prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEN-0003	Ferro-nickel premium/discount, 26-32% Ni contained, cif China, $/tonne	29 Dec 2021	(700) - (300)		Dec 2021	(700) - (300)
MB-FET-0001	Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, $/kg Ti	26 Jan 2022	7.7 - 8	0.00%	Dec 2021	7.7 - 8.04
MB-FET-0002	Ferro-titanium 68-72% Ti, ex-whs US, $/lb	27 Jan 2022	3.6 - 3.85	0.00%	Dec 2021	3.6 - 3.85

Molybdenum prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEO-0001	Ferro-molybdenum 65% Mo min, in-whs Rotterdam, $/kg Mo	26 Jan 2022	44.7 - 45.3	0.00%	Dec 2021	43.31 - 44.46
MB-FEO-0002	Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, $/lb	27 Jan 2022	21 - 21.5	2.41%	Dec 2021	20.4 - 21.1
MB-FEO-0003	Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, $/lb Mo	26 Jan 2022	19.1 - 19.25	-0.52%	Dec 2021	18.84 - 19.05
MB-FEO-0004	Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, $/lb	26 Jan 2022	19 - 19.1	0.00%	Dec 2021	18.3 - 18.6
MB-MO-0001	Molybdenum canned molybdic oxide, in-whs Pittsburgh, $/lb	27 Jan 2022	19.1 - 19.4	0.00%	Dec 2021	18.81 - 19.5

Minor metals prices

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

Global cobalt metal & intermediate prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0005	Cobalt standard grade, in-whs Rotterdam, $/lb	27 Jan 2022	34.2 - 34.6	0.00%	Dec 2021	32.78 - 33.56
MB-CO-0004	Cobalt alloy grade, in-whs Rotterdam, $/lb	27 Jan 2022	34.2 - 34.7	0.00%	Dec 2021	32.78 - 33.56
MB-CO-0001	Cobalt 99.8% Co min, ex-works China, yuan/tonne	26 Jan 2022	500000 - 515000	0.00%	Dec 2021	474500 - 484800
MB-CO-0017	Cobalt sulfate 20.5% Co basis, exw China, yuan/tonne	26 Jan 2022	106000 - 107000	0.00%	Dec 2021	97000 - 98800
MB-CO-0012	Cobalt tetroxide 72.6% Co min, delivered China, yuan/tonne	26 Jan 2022	405000 - 410000	0.00%	Dec 2021	367600 - 373000
MB-CO-0020	Cobalt hydroxide index 30% Co min, cif China, $/lb	21 Jan 2022	29.75	0.13%	Dec 2021	27.47
MB-CO-0021	Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	26 Jan 2022	88 - 90	0.00%	Dec 2021	88.2 - 90
MB-CO-0023	Cobalt hydroxide, min 30% Co, inferred, China, $/lb	27 Jan 2022	30.44	0.00%	Dec 2021	

Europe minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0004	Cobalt alloy grade, in-whs Rotterdam, $/lb	27 Jan 2022	34.2 - 34.7	0.00%	Dec 2021	32.78 - 33.56
MB-CO-0005	Cobalt standard grade, in-whs Rotterdam, $/lb	27 Jan 2022	34.2 - 34.6	0.00%	Dec 2021	32.78 - 33.56
MB-AS-0001	Arsenic 99% min As, in-whs Rotterdam, $/lb	14 Jan 2022	1.4 - 1.7	0.00%	Dec 2021	1.4 - 1.7
MB-SB-0002	Antimony MMTA standard grade II, in-whs Rotterdam, $/tonne	26 Jan 2022	13000 - 13600	0.00%	Dec 2021	12870 - 13560
MB-SB-0001	Antimony max 100 ppm Bi, in-whs Rotterdam, $/tonne	26 Jan 2022	13100 - 13600	0.00%	Dec 2021	12900 - 13600
MB-BI-0001	Bismuth 99.99% Bi min, in-whs Rotterdam, $/lb	26 Jan 2022	3.8 - 4	0.52%	Dec 2021	3.95 - 4.2
MB-CR-0001	Chromium alumino-thermic 99% min, in-whs Rotterdam, $/tonne	21 Jan 2022	11500 - 13000	-0.20%	Dec 2021	11760 - 12910
MB-GA-0001	Gallium 99.99% Ga min, in-whs Rotterdam, $/kg	26 Jan 2022	390 - 415	0.00%	Dec 2021	390 - 412
MB-GER-0003	Germanium 99.99% Ge, in-whs Rotterdam, $/kg	26 Jan 2022	1410 - 1480	0.00%	Dec 2021	1393 - 1465
MB-IN-0002	Indium 99.99%, in-whs Rotterdam, $/kg	26 Jan 2022	250 - 290	0.00%	Dec 2021	257 - 290.5
MB-MG-0001	Magnesium 99.9%, in-whs Rotterdam, $/tonne	21 Jan 2022	8550 - 9100	0.28%	Dec 2021	8060 - 8620
MB-MN-0001	Manganese 99.7% electrolytic manganese flake, in-whs Rotterdam, $/tonne	26 Jan 2022	6900 - 7200	-1.40%	Dec 2021	7290 - 7590
MB-RE-0001	Rhenium APR catalytic grade, in-whs dup Rotterdam, $/kg	14 Jan 2022	995 - 1100	5.28%	Dec 2021	890 - 1100
MB-RE-0002	Rhenium metal pellets 99.9% Re min, in-whs dup, Rotterdam $/lb	14 Jan 2022	360 - 600	-9.43%	Dec 2021	360 - 700
MB-SE-0002	Selenium 99.5% Se min, in-whs Rotterdam, $/lb	26 Jan 2022	9.7 - 10.5	-2.42%	Dec 2021	9.7 - 10.94
MB-SI-0004	Silicon grade 5-5-3 98.5% Si min, in-whs Rotterdam, €/tonne	21 Jan 2022	4500 - 6000	7.14%	Dec 2021	5300 - 6000
MB-SI-0001	Silicon grade 4-4-1 99% Si min, in-whs Rotterdam, €/tonne	21 Jan 2022	5500 - 6500	4.35%	Dec 2021	5500 - 6500
MB-TE-0001	Tellurium 99.9-99.99% Te min, in-whs Rotterdam, $/kg	26 Jan 2022	60 - 75	0.00%	Dec 2021	60.6 - 73.5

China minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CO-0001	Cobalt 99.8% Co min, ex-works China, yuan/tonne	26 Jan 2022	500000 - 515000	0.00%	Dec 2021	474500 - 484800
MB-CO-0021	Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	26 Jan 2022	88 - 90	0.00%	Dec 2021	88.2 - 90
MB-CO-0020	Cobalt hydroxide index 30% Co min, cif China, $/lb	21 Jan 2022	29.75	0.13%	Dec 2021	27.47
MB-CO-0023	Cobalt hydroxide, min 30% Co, inferred, China, $/lb	27 Jan 2022	30.44	0.00%	Dec 2021	
MB-CO-0017	Cobalt sulfate 20.5% Co basis, exw China, yuan/tonne	26 Jan 2022	106000 - 107000	0.00%	Dec 2021	97000 - 98800
MB-CO-0012	Cobalt tetroxide 72.6% Co min, delivered China, yuan/tonne	26 Jan 2022	405000 - 410000	0.00%	Dec 2021	367600 - 373000
MB-SB-0003	Antimony MMTA standard grade II, ddp China, yuan/tonne	21 Jan 2022	73500 - 74500	0.68%	Dec 2021	73000 - 74000
MB-BI-0002	Bismuth 99.99% Bi min, in-whs China, yuan/tonne	21 Jan 2022	43000 - 44000	0.00%	Dec 2021	44800 - 45300
MB-GA-0002	Gallium 99.99% Ga min, in-whs China, yuan/kg	21 Jan 2022	2280 - 2300	0.00%	Dec 2021	2372 - 2450
MB-GER-0004	Germanium 99.999% Ge min, in-whs China, yuan/kg	21 Jan 2022	9000 - 9300	-1.88%	Dec 2021	9180 - 9450
MB-GER-0001	Germanium dioxide, in-whs China, $/kg	26 Jan 2022	925 - 950	0.00%	Dec 2021	912 - 955
MB-IN-0003	Indium 99.99%, exw China, yuan/kg	21 Jan 2022	1430 - 1470	-1.02%	Dec 2021	1508 - 1542
MB-MG-0002	Magnesium 99.9% Mg min, fob China main ports, $/tonne	21 Jan 2022	7300 - 7400	1.38%	Dec 2021	7180 - 7400
MB-MG-0003	Magnesium 99.9%, exw China, yuan/tonne	21 Jan 2022	44000 - 45000	5.95%	Dec 2021	43000 - 44400
MB-MN-0007	Manganese 99.7% electrolytic manganese flake, fob China, $/tonne	21 Jan 2022	6300 - 6500	-3.03%	Dec 2021	6260 - 6500
MB-SI-0002	Silicon export 98.5% Si min, fob China, $/tonne	21 Jan 2022	3050 - 3200	0.00%	Dec 2021	3180 - 3360
MB-SE-0003	Selenium 99.9% Se min, in-whs China, yuan/kg	21 Jan 2022	130 - 170	0.00%	Dec 2021	130 - 183
MB-TE-0002	Tellurium 99.99% Te min, in-whs China, yuan/kg	21 Jan 2022	450 - 460	0.00%	Dec 2021	458 - 465
MB-TA-0001	Tantalite, basis 25% min Ta2O5, cif China, $ per lb Ta2O5	21 Jan 2022	84 - 85	1.20%	Dec 2021	76.4 - 81.6

US minor metals prices

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

Global location minor metals prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CD-0001	Cadmium 99.95% min, cif global ports, cents/lb	26 Jan 2022	125 - 140	0.00%	Dec 2021	125 - 138.8
MB-CD-0002	Cadmium 99.99% min, cif global ports, cents/lb	26 Jan 2022	130 - 145	0.00%	Dec 2021	130 - 140
MB-HF-0001	Hafnium, max 1% Zr, in-whs global locations, $/kg	14 Jan 2022	900 - 1100	0.00%	Dec 2021	900 - 1083.33

Non-ferrous scrap prices

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

US aluminium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0364	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	72	-11.11%	Dec 2021	70.5
MB-AL-0370	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	50	-5.66%	Dec 2021	50.5
MB-AL-0371	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	60	5.26%	Dec 2021	58.5
MB-AL-0367	Aluminum scrap litho sheets, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	96	1.05%	Dec 2021	91
MB-AL-0372	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	66	0.00%	Dec 2021	63
MB-AL-0037	Aluminum scrap segregated low copper alloy clips 3105, mills specialty consumers' buying price, delivered consumer US, US cents/lb	27 Jan 2022	109 - 112	1.38%	Dec 2021	92 - 94.6
MB-AL-0369	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	65	0.00%	Dec 2021	64
MB-AL-0366	Aluminum scrap industrial castings, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	53	-3.64%	Dec 2021	51.5
MB-AL-0365	Aluminum scrap aluminum borings, turnings, clean & dry, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	25	-7.41%	Dec 2021	27
MB-AL-0031	Aluminum scrap turnings clean dry high grade buying price, delivered to Midwest secondary smelters, US cents/lb	27 Jan 2022	71 - 75	1.39%	Dec 2021	68.4 - 72.4
MB-AL-0032	Aluminum scrap turnings clean dry mixed grade (max 5% Zn) buying price, delivered to Midwest secondary smelters, US cents/lb	27 Jan 2022	62 - 66	3.23%	Dec 2021	58 - 62
MB-AL-0033	Aluminum scrap aluminium-copper radiators buying price, delivered to Midwest secondary smelters, US cents/lb	27 Jan 2022	210 - 220	0.00%	Dec 2021	199 - 209
MB-AL-0030	Aluminum scrap old cast buying price, delivered to Midwest secondary smelters, US cents/lb	27 Jan 2022	72 - 75	0.00%	Dec 2021	68 - 72
MB-AL-0029	Aluminum scrap old sheet buying price, delivered to Midwest secondary smelters, US cents/lb	27 Jan 2022	73 - 76	0.00%	Dec 2021	69 - 72
MB-AL-0027	Aluminum scrap siding buying price, delivered Midwest secondary smelters, US cents/lb	27 Jan 2022	74 - 77	0.00%	Dec 2021	71 - 74
MB-AL-0368	Aluminum scrap mixed clips, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	65	3.17%	Dec 2021	61.5
MB-AL-0028	Aluminum scrap mixed clips buying price, delivered to Midwest secondary smelters, US cents/lb	27 Jan 2022	70 - 73	0.00%	Dec 2021	64.8 - 68.4
MB-AL-0024	Aluminum scrap mixed high copper clips, buying price, delivered Midwest secondary smelters, US cents/lb	27 Jan 2022	77 - 80	2.61%	Dec 2021	70 - 74
MB-AL-0038	Aluminum scrap mixed low copper clips, specialty consumers' buying price, delivered consumer US, US cents/lb	27 Jan 2022	107 - 110	1.88%	Dec 2021	90.4 - 94.2
MB-AL-0023	Aluminum scrap mixed low copper clips, buying price, delivered Midwest secondary smelters, US cents/lb	27 Jan 2022	78 - 82	1.27%	Dec 2021	72.6 - 76.6
MB-AL-0025	Aluminum scrap mixed high zinc clips buying price, delivered Midwest secondary smelters, US cents/lb	27 Jan 2022	68 - 72	1.45%	Dec 2021	64 - 68
MB-AL-0026	Aluminum scrap 1-1-3 sows buying price, delivered Midwest secondary smelters, US cents/lb	27 Jan 2022	75 - 79	0.65%	Dec 2021	73 - 75

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0036	Aluminum scrap segregated low copper alloy clips 5052, mills specialty consumers' buying price, fob shipping point US, US cents/lb	27 Jan 2022	150 - 154	3.05%	Dec 2021	129.4 - 133.6
MB-AL-0039	Aluminum scrap painted siding, specialty consumers' buying price, delivered consumer US, US cents/lb	27 Jan 2022	103 - 105	0.48%	Dec 2021	88 - 91.4
MB-AL-0373	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	57	0.00%	Dec 2021	53.5
MB-AL-0035	Aluminum scrap used beverage cans, domestic aluminum producer buying price, fob shipping point US, US cents/lb	27 Jan 2022	104 - 107	3.94%	Dec 2021	84.2 - 87.2
MB-AL-0034	Aluminum scrap non-ferrous auto shred (90% Al) buying price, delivered to Midwest secondary smelters, US cents/lb	27 Jan 2022	84 - 87	0.00%	Dec 2021	75.6 - 78.8
MB-AL-0375	Zorba 95/3 min, basis delivered US facility, US cents/lb	27 Jan 2022	67 - 70	3.01%	Dec 2021	63.2 - 64.4
MB-AL-0161	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	185	4.52%	Dec 2021	160
MB-AL-0117	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	43	0.00%	Dec 2021	43
MB-AL-0101	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	20	0.00%	Dec 2021	20
MB-AL-0118	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	75	0.00%	Dec 2021	73
MB-AL-0102	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	51	2.00%	Dec 2021	50
MB-AL-0160	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	75	0.00%	Dec 2021	75
MB-AL-0085	Aluminum scrap mixed clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	50	0.00%	Dec 2021	50
MB-AL-0054	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	137	9.60%	Dec 2021	113.5
MB-AL-0149	Aluminum scrap industrial castings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	45	0.00%	Dec 2021	45
MB-AL-0150	Aluminum scrap industrial castings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	75	0.00%	Dec 2021	67
MB-AL-0133	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	15	0.00%	Dec 2021	15
MB-AL-0134	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	113	15.31%	Dec 2021	92
MB-AL-0203	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	47	0.00%	Dec 2021	47
MB-AL-0204	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	113	17.71%	Dec 2021	90
MB-AL-0070	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	116	12.62%	Dec 2021	91.5
MB-AL-0069	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	45	0.00%	Dec 2021	45
MB-AL-0053	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	60	0.00%	Dec 2021	60

Canadian aluminium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0161	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	185	4.52%	Dec 2021	160
MB-AL-0117	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	43	0.00%	Dec 2021	43
MB-AL-0101	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	20	0.00%	Dec 2021	20
MB-AL-0118	Aluminum scrap old aluminum sheet & cast, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	75	0.00%	Dec 2021	73
MB-AL-0102	Aluminum scrap borings, turnings, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	51	2.00%	Dec 2021	50
MB-AL-0160	Aluminum scrap 63S aluminum solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	75	0.00%	Dec 2021	75
MB-AL-0085	Aluminum scrap mixed clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	50	0.00%	Dec 2021	50
MB-AL-0054	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	137	9.60%	Dec 2021	113.5
MB-AL-0149	Aluminum scrap industrial castings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	45	0.00%	Dec 2021	45
MB-AL-0150	Aluminum scrap industrial castings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	75	0.00%	Dec 2021	67
MB-AL-0133	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	15	0.00%	Dec 2021	15
MB-AL-0134	Aluminum scrap used beverage cans, clean & dry, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	113	15.31%	Dec 2021	92
MB-AL-0203	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	47	0.00%	Dec 2021	47
MB-AL-0204	Aluminum scrap painted aluminum siding, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	113	17.71%	Dec 2021	90
MB-AL-0070	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	116	12.62%	Dec 2021	91.5
MB-AL-0069	Aluminum scrap mixed low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	45	0.00%	Dec 2021	45
MB-AL-0053	Aluminum scrap segregated low copper clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	60	0.00%	Dec 2021	60

European aluminium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0286	Aluminium scrap group 7 turnings, LME discount, delivered consumer works, UK, £/tonne	26 Jan 2022	1099 - 1149	10.96%	Dec 2021	1043.6 - 1083.6
MB-AL-0015	Aluminium scrap group 7 turnings, delivered consumer UK, £/tonne	26 Jan 2022	750 - 800	0.00%	Dec 2021	720 - 760
MB-AL-0012	Aluminium scrap commercial turnings, delivered consumer UK, £/tonne	26 Jan 2022	870 - 930	0.00%	Dec 2021	854 - 914
MB-AL-0285	Aluminium scrap commercial turnings, LME discount, delivered consumer UK, £/tonne	26 Jan 2022	969 - 1029	12.50%	Dec 2021	889.6 - 949.6
MB-AL-0010	Aluminium scrap commercial cast, delivered consumer UK, £/tonne	26 Jan 2022	1250 - 1300	0.00%	Dec 2021	1168 - 1228
MB-AL-0283	Aluminium scrap commercial cast, LME discount, delivered consumer UK, £/tonne	26 Jan 2022	599 - 649	21.64%	Dec 2021	575.6 - 635.6
MB-AL-0011	Aluminium scrap commercial pure cuttings, delivered consumer UK, £/tonne	26 Jan 2022	1500 - 1600	10.71%	Dec 2021	1190 - 1230

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0279	Aluminium scrap commercial pure cuttings, LME discount, delivered consumer UK, £/tonne	26 Jan 2022	675 - 775	-8.81%	Dec 2021	792.2 - 832.2
MB-AL-0017	Aluminium scrap LM6/LM25 gravity diecasting ingot, delivered consumer UK, £/tonne	26 Jan 2022	2550 - 2650	4.00%	Dec 2021	2400 - 2480
MB-AL-0284	Aluminium scrap cast wheels, LME discount, delivered consumer UK, £/tonne	26 Jan 2022	79 - 119	70.69%	Dec 2021	135.6 - 191.6
MB-AL-0007	Aluminium scrap cast wheels, delivered consumer UK, £/tonne	26 Jan 2022	1780 - 1820	4.05%	Dec 2021	1612 - 1668
MB-AL-0008	Aluminium scrap cast, delivered consumer Europe, €/tonne	21 Jan 2022	1580 - 1650	2.54%	Dec 2021	1530 - 1580
MB-AL-0278	Aluminium scrap group 1 pure 99% & litho, LME discount, delivered consumer UK, £/tonne	26 Jan 2022	225 - 275	13.64%	Dec 2021	124.2 - 174.2
MB-AL-0014	Aluminium scrap group 1 pure 99% & litho, delivered consumer UK, £/tonne	26 Jan 2022	2000 - 2050	2.53%	Dec 2021	1848 - 1898
MB-AL-0281	Aluminium scrap loose old rolled cuttings, LME discount, delivered consumer UK, £/tonne	26 Jan 2022	849 - 899	11.62%	Dec 2021	815.6 - 853.6
MB-AL-0018	Aluminium scrap loose old rolled cuttings, delivered consumer UK, £/tonne	26 Jan 2022	1000 - 1050	1.99%	Dec 2021	950 - 988
MB-AL-0282	Aluminium scrap baled old rolled, LME discount, delivered consumer UK, £/tonne	26 Jan 2022	699 - 749	4.47%	Dec 2021	739.6 - 779.6
MB-AL-0006	Aluminium scrap baled old rolled, delivered consumer UK, £/tonne	26 Jan 2022	1150 - 1200	7.31%	Dec 2021	1024 - 1064
MB-AL-0280	Aluminium scrap clean HE9 extrusions, LME discount, delivered consumer UK, £/tonne	26 Jan 2022	225 - 275	13.64%	Dec 2021	122.2 - 172.2
MB-AL-0013	Aluminium scrap floated frag, delivered consumer Europe, €/tonne	21 Jan 2022	1680 - 1730	3.65%	Dec 2021	1550 - 1620
MB-AL-0019	Aluminium scrap mixed turnings, delivered consumer Europe, €/tonne	21 Jan 2022	1400 - 1450	2.15%	Dec 2021	1320 - 1380
MB-AL-0009	Aluminium scrap clean HE9 extrusions, delivered consumer UK, £/tonne	26 Jan 2022	2000 - 2050	2.53%	Dec 2021	1850 - 1900
MB-AL-0016	Aluminium scrap LM24 pressure diecasting ingot, delivered consumer UK, £/tonne	26 Jan 2022	1990 - 2040	0.00%	Dec 2021	1980 - 2038

Secondary aluminium alloy prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0005	Aluminium pressure diecasting ingot DIN226/A380, delivered Europe, €/tonne	21 Jan 2022	2380 - 2450	1.05%	Dec 2021	2288 - 2350
MB-AL-0040	Aluminum alloy A380.1, delivered Midwest, US cents/lb	27 Jan 2022	143 - 148	0.34%	Dec 2021	140 - 144.2
MB-AL-0233	Aluminum alloy A380.1, delivered Midwest, $/lb	27 Jan 2022	1.43 - 1.48	0.69%	Dec 2021	
MB-AL-0041	Aluminum alloy 319.1, delivered Midwest, cents/lb	27 Jan 2022	150 - 153	0.33%	Dec 2021	146.2 - 150.2
MB-AL-0042	Aluminum alloy 356.1, delivered Midwest, cents/lb	27 Jan 2022	176 - 180	0.00%	Dec 2021	170 - 175
MB-AL-0043	Aluminum alloy A360.1, delivered Midwest, cents/lb	27 Jan 2022	179 - 183	1.12%	Dec 2021	174.2 - 178.8
MB-AL-0044	Aluminum alloy A413.1, delivered Midwest, cents/lb	27 Jan 2022	184 - 188	0.81%	Dec 2021	178.6 - 181.2
MB-AL-0292	Aluminium ingot ADC 12 spot (MJP), cfr Japan, $/tonne	26 Jan 2022	2550 - 2630	-0.38%	Dec 2021	2460 - 2540
MB-AL-0350	Aluminium ingot ADC 12, exw dp China, yuan/tonne	26 Jan 2022	20500 - 20900	0.24%	Dec 2021	19780 - 20260

Copper scrap No1 & No2 prices

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

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0295	Copper scrap No1 copper, discount, buying price, delivered to brass ingot makers, US cents/lb	26 Jan 2022	(24) - (21)		Dec 2021	(25.4) - (21.8)
MB-CU-0292	Copper scrap No1 copper, discount, buying price, delivered to refiners, US cents/lb	26 Jan 2022	(20) - (17)		Dec 2021	(20) - (16)
MB-CU-0291	Copper scrap No1 copper, discount, buying price, delivered to brass mill US, US cents/lb	26 Jan 2022	(11) - (9)		Dec 2021	(13.8) - (10.8)
MB-CU-0294	Copper scrap No1 bare bright, discount, buying price, delivered to brass ingot makers, US cents/lb	26 Jan 2022	(10) - (7)		Dec 2021	(13) - (10.2)
MB-CU-0305	Copper scrap No1 bare bright, buying price, delivered to brass ingot makers, US cents/lb	27 Jan 2022	432 - 435	-2.25%	Dec 2021	419.9 - 422.67
MB-CU-0306	Copper scrap No1 copper, buying price, delivered to brass ingot makers, US cents/lb	27 Jan 2022	418 - 421	-2.33%	Dec 2021	407.24 - 410.95
MB-CU-0302	Copper scrap No1 copper, buying price, delivered to brass mill US, US cents/lb	27 Jan 2022	432	-2.26%	Dec 2021	420.45
MB-CU-0298	Copper scrap No1 comp solids, buying price, delivered to brass ingot makers, US cents/lb	26 Jan 2022	339 - 342	1.04%	Dec 2021	331 - 334.4
MB-CU-0303	Copper scrap No1 copper, buying price, delivered to refiners, US cents/lb	27 Jan 2022	423.5	-2.31%	Dec 2021	415.1
MB-CU-0010	Copper scrap No1 heavy copper & wire, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	483	0.00%	Dec 2021	470.5
MB-CU-0009	Copper scrap No1 heavy copper & wire, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	335	1.52%	Dec 2021	330
MB-CU-0512	No1 copper material, RCu-2A,1B (candy/berry), cif China, LME/Comex discount, US cents per lb	27 Dec 2021	9 - 13	0.00%	Dec 2021	9 - 13
MB-CU-0360	No2 copper material, RCu-2B (birch/cliff), cif China, LME/Comex discount, US cents per lb	27 Dec 2021	24 - 28	0.00%	Dec 2021	24 - 28
MB-CU-0025	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	298	1.71%	Dec 2021	293
MB-CU-0418	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	338	0.90%	Dec 2021	335
MB-CU-0304	Copper scrap No2 copper, buying price, delivered to refiners, US cents/lb	27 Jan 2022	390.5	-2.50%	Dec 2021	380.45
MB-CU-0307	Copper scrap No2 copper, buying price, delivered to brass ingot makers, US cents/lb	27 Jan 2022	390 - 394	-2.49%	Dec 2021	377.67 - 380.24
MB-CU-0293	Copper scrap No2 copper, discount, buying price, delivered to refiners, US cents/lb	26 Jan 2022	(53) - (50)		Dec 2021	(53.8) - (50.8)
MB-CU-0296	Copper scrap No2 copper, discount, buying price, delivered to brass ingot makers, US cents/lb	26 Jan 2022	(52) - (48)		Dec 2021	(55.2) - (52.4)
MB-CU-0026	Copper scrap No2 heavy copper & wire, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	446	-1.98%	Dec 2021	446

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

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0421	Copper scrap yellow brass solids, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	215	-1.38%	Dec 2021	211.5
MB-CU-0301	Copper scrap yellow brass solids, buying price, delivered to brass ingot makers, US cents/lb	26 Jan 2022	280 - 284	1.62%	Dec 2021	269 - 277
MB-CU-0416	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	195	-3.94%	Dec 2021	193.5
MB-CU-0414	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	188	-1.05%	Dec 2021	180

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0300	Copper scrap radiators, buying price, delivered to brass ingot makers, US cents/lb	26 Jan 2022	258 - 263	0.00%	Dec 2021	254.4 - 257.4
MB-CU-0413	Copper scrap 70-30 brass clips, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	255	2.00%	Dec 2021	251.5
MB-CU-0415	Copper scrap light copper, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	308	2.67%	Dec 2021	300
MB-CU-0297	Copper scrap light copper, discount, buying price, delivered to brass ingot makers, US cents/lb	26 Jan 2022	(57) - (55)		Dec 2021	(60.4) - (56.8)
MB-CU-0308	Copper scrap light copper, buying price, delivered to brass ingot makers, US cents/lb	27 Jan 2022	385 - 387	-2.53%	Dec 2021	372.24 - 375.95
MB-CU-0299	Copper scrap comp borings, turnings, buying price, delivered to brass ingot makers, US cents/lb	26 Jan 2022	320 - 323	0.00%	Dec 2021	317 - 321.2
MB-CU-0419	Copper scrap red brass solids, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	265	-0.75%	Dec 2021	260
MB-CU-0420	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	235	0.00%	Dec 2021	230

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

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0119	Copper scrap yellow brass solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	175	0.00%	Dec 2021	175
MB-CU-0120	Copper scrap yellow brass solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	322	0.00%	Dec 2021	320
MB-CU-0135	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	100	0.00%	Dec 2021	100
MB-CU-0136	Copper scrap mixed yellow brass turnings, borings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	284	0.00%	Dec 2021	284
MB-CU-0196	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	150	0.00%	Dec 2021	150
MB-CU-0197	Copper scrap auto radiators (unsweated), dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	293	0.69%	Dec 2021	290
MB-CU-0181	Copper scrap 70-30 brass clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	180	0.00%	Dec 2021	180
MB-CU-0042	Copper scrap light copper, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	436	-9.54%	Dec 2021	470
MB-CU-0041	Copper scrap light copper, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	275	3.77%	Dec 2021	265
MB-CU-0058	Copper scrap red brass solids, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	395	-0.50%	Dec 2021	394
MB-CU-0073	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	110	0.00%	Dec 2021	110
MB-CU-0074	Copper scrap red brass turnings, borings, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	387	-1.28%	Dec 2021	387
MB-CU-0057	Copper scrap red brass solids, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	200	0.00%	Dec 2021	200

Chicago nickel scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0202	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	510 - 560	5.00%	Dec 2021	483 - 523.33
MB-NI-0198	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	130 - 140	5.47%	Dec 2021	126.67 - 131.67
MB-NI-0152	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	205 - 210	1.22%	Dec 2021	200 - 210
MB-NI-0197	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	635 - 670	3.16%	Dec 2021	581.67 - 633.33
MB-NI-0154	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	330 - 365	2.21%	Dec 2021	320 - 360
MB-NI-0151	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	130 - 135	-0.38%	Dec 2021	131 - 135
MB-NI-0200	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	310 - 330	4.40%	Dec 2021	292 - 305.67
MB-NI-0199	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	200 - 205	3.32%	Dec 2021	188.33 - 196.67
MB-NI-0150	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	87 - 93	-0.55%	Dec 2021	90 - 91
MB-NI-0149	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	400 - 410	-2.41%	Dec 2021	390 - 440
MB-NI-0155	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	30 - 34	-5.88%	Dec 2021	29 - 39
MB-NI-0201	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	305 - 328	4.63%	Dec 2021	286.67 - 305.67
MB-NI-0153	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	180 - 210	-4.88%	Dec 2021	200 - 210
MB-NI-0193	Nickel scrap nickel turnings, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	800 - 900	3.98%	Dec 2021	745 - 818.33
MB-NI-0145	Nickel scrap nickel turnings, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	525 - 580	4.25%	Dec 2021	490 - 570
MB-NI-0192	Nickel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	835 - 925	2.33%	Dec 2021	793.33 - 855
MB-NI-0144	Nickel scrap solids, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	560 - 600	1.75%	Dec 2021	545 - 595
MB-NI-0196	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	450 - 540	4.98%	Dec 2021	453.67 - 522.33
MB-NI-0148	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	330 - 360	0.73%	Dec 2021	325 - 360
MB-NI-0194	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	495 - 550	-3.51%	Dec 2021	508.33 - 561
MB-NI-0146	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	360 - 370	2.10%	Dec 2021	345 - 370
MB-NI-0195	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	375 - 450	-0.96%	Dec 2021	336.67 - 446
MB-NI-0147	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Chicago, US cents/lb	05 Jan 2022	250 - 260	2.00%	Dec 2021	220 - 280
MB-NI-0203	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Chicago, US cents/lb	26 Jan 2022	48 - 60	9.09%	Dec 2021	42 - 50.67

Detroit nickel scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0212	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	310 - 330	5.79%	Dec 2021	293.67 - 305.67
MB-NI-0162	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	80 - 95	-3.31%	Dec 2021	90 - 91
MB-NI-0167	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	30 - 36	10.00%	Dec 2021	29 - 31
MB-NI-0214	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	525 - 560	6.90%	Dec 2021	491.33 - 523.33
MB-NI-0211	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	200 - 205	3.32%	Dec 2021	193 - 196.67
MB-NI-0164	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	180 - 215	-3.66%	Dec 2021	200 - 210
MB-NI-0161	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	368 - 450	-1.45%	Dec 2021	390 - 440
MB-NI-0210	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	130 - 135	3.52%	Dec 2021	129.33 - 131.67
MB-NI-0209	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	635 - 670	3.16%	Dec 2021	591.33 - 633.33
MB-NI-0166	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	290 - 365	-4.38%	Dec 2021	325 - 360
MB-NI-0163	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	115 - 140	-4.85%	Dec 2021	133 - 135
MB-NI-0213	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	315 - 320	4.10%	Dec 2021	291.33 - 305
MB-NI-0165	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	173 - 215	-5.37%	Dec 2021	200 - 210
MB-NI-0205	Nickel scrap nickel turnings, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	800 - 900	4.29%	Dec 2021	761.33 - 818.33
MB-NI-0157	Nickel scrap nickel turnings, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	420 - 580	-7.83%	Dec 2021	515 - 570
MB-NI-0204	Nickel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	835 - 925	3.53%	Dec 2021	793 - 836.67
MB-NI-0156	Nickel scrap solids, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	438 - 600	-7.73%	Dec 2021	545 - 580
MB-NI-0208	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	450 - 540	5.32%	Dec 2021	458 - 520
MB-NI-0160	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	265 - 360	-8.76%	Dec 2021	325 - 360
MB-NI-0206	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	495 - 550	0.48%	Dec 2021	508 - 533.33
MB-NI-0158	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	300 - 370	-6.29%	Dec 2021	345 - 370
MB-NI-0207	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	375 - 400	6.90%	Dec 2021	336 - 351.67
MB-NI-0159	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Detroit, US cents/lb	05 Jan 2022	246 - 280	10.74%	Dec 2021	220 - 255
MB-NI-0215	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Detroit, US cents/lb	26 Jan 2022	48 - 49	-1.02%	Dec 2021	43 - 46

Houston nickel scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0222	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	130 - 132	10.08%	Dec 2021	112.67 - 123.33
MB-NI-0178	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	365 - 400	-1.80%	Dec 2021	389 - 390
MB-NI-0175	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	135 - 152	12.55%	Dec 2021	100 - 155
MB-NI-0227	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	53 - 62	-3.36%	Dec 2021	49.33 - 54.67
MB-NI-0174	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	85 - 100	15.63%	Dec 2021	75 - 85
MB-NI-0224	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	310 - 345	13.72%	Dec 2021	291.67 - 298.33
MB-NI-0221	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	620 - 700	17.75%	Dec 2021	612.33 - 613.33
MB-NI-0179	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	25 - 35	1.69%	Dec 2021	29 - 30
MB-NI-0226	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	520 - 580	14.46%	Dec 2021	488 - 503.33
MB-NI-0223	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	195 - 205	8.70%	Dec 2021	176 - 186.33
MB-NI-0176	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	210 - 236	11.50%	Dec 2021	150 - 250
MB-NI-0173	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	450 - 500	11.76%	Dec 2021	400 - 450
MB-NI-0225	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	325 - 345	13.37%	Dec 2021	287.33 - 297.33
MB-NI-0177	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	210 - 248	-0.43%	Dec 2021	220 - 240
MB-NI-0217	Nickel scrap nickel turnings, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	700 - 800	15.47%	Dec 2021	676.33 - 741.67
MB-NI-0169	Nickel scrap nickel turnings, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	500 - 540	12.43%	Dec 2021	425 - 500
MB-NI-0216	Nickel scrap solids, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	825 - 935	15.94%	Dec 2021	784.67 - 816.67
MB-NI-0168	Nickel scrap solids, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	585 - 675	26.00%	Dec 2021	400 - 600
MB-NI-0220	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	520 - 640	4.98%	Dec 2021	528 - 573.33
MB-NI-0172	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	400 - 412	16.17%	Dec 2021	349 - 350
MB-NI-0218	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	570 - 650	4.72%	Dec 2021	566.33 - 586.67
MB-NI-0170	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	410 - 448	14.55%	Dec 2021	374 - 375
MB-NI-0219	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Houston, US cents/lb	26 Jan 2022	380 - 450	5.73%	Dec 2021	353 - 416.67
MB-NI-0171	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Houston, US cents/lb	05 Jan 2022	260 - 356	7.13%	Dec 2021	250 - 325

Pittsburgh nickel scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0238	Nickel alloy scrap Inconel 601 scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	525 - 600	13.07%	Dec 2021	458.33 - 538.33
MB-NI-0235	Nickel alloy scrap 310 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	180 - 205	2.12%	Dec 2021	175 - 196.67
MB-NI-0188	Nickel alloy scrap 330 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	200 - 210	6.49%	Dec 2021	175 - 210
MB-NI-0185	Nickel alloy scrap Inconel 600 scrap, solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	370 - 475	0.00%	Dec 2021	370 - 475
MB-NI-0191	Nickel scrap 17-4PH stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	22 - 40	10.71%	Dec 2021	21 - 35
MB-NI-0187	Nickel alloy scrap 310 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	125 - 135	23.81%	Dec 2021	75 - 135
MB-NI-0234	Nickel alloy scrap 309 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	130 - 140	3.85%	Dec 2021	125.67 - 135.33
MB-NI-0239	Nickel scrap 17-4PH stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	45 - 60	5.00%	Dec 2021	40.67 - 54
MB-NI-0236	Nickel alloy scrap 330 stainless steel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	310 - 355	12.71%	Dec 2021	278.33 - 305.67
MB-NI-0233	Nickel alloy scrap Inconel 600 scrap, solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	600 - 670	1.60%	Dec 2021	570 - 639.33
MB-NI-0190	Nickel alloy scrap Inconel 601 scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	330 - 400	2.10%	Dec 2021	325 - 390
MB-NI-0186	Nickel alloy scrap 309 stainless steel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	86 - 100	19.23%	Dec 2021	65 - 91
MB-NI-0237	Nickel scrap Invar scrap solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	315 - 355	13.56%	Dec 2021	278.33 - 310
MB-NI-0189	Nickel scrap Invar scrap solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	171 - 210	-1.04%	Dec 2021	175 - 210
MB-NI-0229	Nickel scrap nickel turnings, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	800 - 900	4.62%	Dec 2021	740.33 - 820
MB-NI-0181	Nickel scrap nickel turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	525 - 625	5.50%	Dec 2021	515 - 575
MB-NI-0228	Nickel scrap solids, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	830 - 925	3.24%	Dec 2021	788.33 - 840
MB-NI-0180	Nickel scrap solids, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	560 - 650	3.42%	Dec 2021	545 - 625
MB-NI-0232	Nickel-copper scrap Monel K-500 (castings) solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	450 - 540	5.32%	Dec 2021	435 - 520
MB-NI-0184	Nickel-copper scrap Monel K-500 (castings) solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	280 - 360	-0.78%	Dec 2021	270 - 375
MB-NI-0230	Nickel-copper scrap Monel R-400 scrap solids, clips, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	495 - 550	0.48%	Dec 2021	446.67 - 553.33
MB-NI-0182	Nickel-copper scrap Monel R-400 scrap solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	340 - 390	2.10%	Dec 2021	315 - 400
MB-NI-0231	Nickel-copper scrap Monel scrap turnings, broker buying price, delivered to yard Pittsburgh, US cents/lb	26 Jan 2022	300 - 400	3.70%	Dec 2021	298.33 - 376.67
MB-NI-0183	Nickel-copper scrap Monel scrap turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	05 Jan 2022	220 - 301	4.20%	Dec 2021	220 - 280

Lead scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0004	Lead scrap buying price, delivered smelters US, $/cwt	25 Jan 2022	81 - 85	0.00%	Dec 2021	80 - 85
MB-PB-0003	Lead scrap remelt buying price, delivered smelters US, $/cwt	25 Jan 2022	87 - 90	0.00%	Dec 2021	87 - 90
MB-PB-0002	Lead scrap cable buying price, delivered smelters US, $/cwt	25 Jan 2022	86 - 90	0.00%	Dec 2021	86 - 90
MB-PB-0111	Lead scrap heavy soft lead, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	45	18.42%	Dec 2021	38
MB-PB-0112	Lead scrap undrained whole batteries, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	15	0.00%	Dec 2021	15.5
MB-PB-0005	Lead scrap whole batteries buying price, delivered smelters US, $/cwt	25 Jan 2022	26 - 30	0.00%	Dec 2021	26 - 28
MB-PB-0009	Lead scrap heavy soft lead, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	50	0.00%	Dec 2021	50
MB-PB-0010	Lead scrap heavy soft lead, dealer buying price, delivered to yard Toronto, Canadian cents/lb	18 Jan 2022	68	0.00%	Dec 2021	64
MB-PB-0033	Lead scrap undrained whole batteries, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	15	0.00%	Dec 2021	16.5

Zinc scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0122	Zinc scrap old zinc scrap, dealer buying price, delivered to yard US, US cents/lb	18 Jan 2022	38	8.57%	Dec 2021	27.5
MB-ZN-0004	Zinc scrap old zinc (clean), buying price, delivered smelters US, US cents/lb	25 Jan 2022	69 - 72	0.00%	Dec 2021	66 - 69
MB-ZN-0003	Zinc scrap new zinc clippings buying price, delivered smelters US, US cents/lb	25 Jan 2022	88 - 91	0.00%	Dec 2021	85 - 88
MB-ZN-0002	Zinc scrap galvanizers dross buying price, delivered smelters US, US cents/lb	25 Jan 2022	87 - 92	0.00%	Dec 2021	84 - 88
MB-ZN-0050	Zinc scrap old zinc, dealer buying price, delivered to yard Montreal, Canadian cents/lb	18 Jan 2022	30	0.00%	Dec 2021	30

Titanium scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-TI-0002	Titanium scrap turnings, unprocessed type 90/6/4, 0.5-2% Sn max, cif Europe, $/lb	26 Jan 2022	1.8 - 1.9	0.00%	Dec 2021	1.8 - 1.9
MB-TI-0001	Titanium scrap turnings, unprocessed type 90/6/4, 0.5% Sn max, cif Europe, $/lb	26 Jan 2022	1.8 - 2	0.00%	Dec 2021	1.8 - 2

Steel scrap prices

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

Alabama

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

Arkansas/Tennessee

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

Atlanta

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

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

Bajio

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0553	Steel scrap No1 heavy melt, consumer buying price, delivered mill Bajio, $/tonne	25 Jan 2022	432	2.37%	Dec 2021	347.25
MB-STE-0551	Steel scrap No1 busheling, consumer buying price, delivered mill Bajio, $/tonne	25 Jan 2022	525	0.00%	Dec 2021	531
MB-STE-0552	Steel scrap No1 busheling, consumer buying price, delivered mill Bajio, peso/tonne	25 Jan 2022	10700	0.00%	Dec 2021	11200
MB-STE-0549	Steel scrap machine shop turnings, consumer buying price, delivered mill Bajio, $/tonne	25 Jan 2022	378	6.18%	Dec 2021	305.75
MB-STE-0550	Steel scrap machine shop turnings, consumer buying price, delivered mill Bajio, peso/tonne	25 Jan 2022	7700	6.21%	Dec 2021	6450
MB-STE-0556	Steel scrap shredded auto scrap, consumer buying price, delivered mill Bajio, peso/tonne	25 Jan 2022	10750	0.00%	Dec 2021	10637.5
MB-STE-0547	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Bajio, $/tonne	25 Jan 2022	490	0.00%	Dec 2021	425
MB-STE-0548	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Bajio, peso/tonne	25 Jan 2022	10000	0.00%	Dec 2021	8962.5
MB-STE-0554	Steel scrap No1 heavy melt, consumer buying price, delivered mill Bajio, peso/tonne	25 Jan 2022	8800	2.33%	Dec 2021	7325
MB-STE-0555	Steel scrap shredded auto scrap, consumer buying price, delivered mill Bajio, $/tonne	25 Jan 2022	527	0.00%	Dec 2021	504.25

Boston

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0366	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Boston, $/gross ton	24 Jan 2022	340	0.00%	Dec 2021	358.75
MB-STE-0367	Steel scrap No2 bundles, export yard buying price, delivered to yard Boston, $/gross ton	24 Jan 2022	260	0.00%	Dec 2021	278.75
MB-STE-0370	Steel scrap auto bodies, export yard buying price, delivered to yard Boston, $/gross ton	24 Jan 2022	225	0.00%	Dec 2021	235
MB-STE-0369	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Boston, $/gross ton	24 Jan 2022	340	0.00%	Dec 2021	358.75
MB-STE-0368	Steel scrap mixed cast, export yard buying price, delivered to yard Boston, $/gross ton	24 Jan 2022	325	0.00%	Dec 2021	343.75
MB-STE-0371	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Boston, $/gross ton	24 Jan 2022	350	0.00%	Dec 2021	368.75

Chicago

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

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

Cincinnati

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

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

Cleveland

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

Detroit

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

Hamilton

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

Houston

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

Los Angeles

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0372	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Los Angeles, $/gross ton	24 Jan 2022	265	0.00%	Dec 2021	265
MB-STE-0425	Steel scrap HMS 1&2 (80:20), export index, fob Los Angeles, $/tonne	26 Jan 2022	454	0.00%	Dec 2021	475
MB-STE-0374	Steel scrap No1 busheling, export yard buying price, delivered to yard Los Angeles, $/gross ton	24 Jan 2022	275	0.00%	Dec 2021	275
MB-STE-0373	Steel scrap No2 bundles, export yard buying price, delivered to yard Los Angeles, $/gross ton	24 Jan 2022	165	0.00%	Dec 2021	165
MB-STE-0375	Steel scrap machine shop turnings, export yard buying price, delivered to yard Los Angeles, $/gross ton	24 Jan 2022	60	0.00%	Dec 2021	60

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0378	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Los Angeles, $/gross ton	24 Jan 2022	275	0.00%	Dec 2021	275

Midwest

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0424	Steel scrap No1 heavy melt, index, delivered Midwest mill, $/gross ton	10 Jan 2022	423.92	-11.70%	Dec 2021	480.08
MB-STE-0882	Steel scrap No1 busheling, indicator, delivered Midwest mill, $/gross ton	27 Jan 2022	520	0.00%	Dec 2021	595.38
MB-STE-0422	Steel scrap No1 busheling, index, delivered Midwest mill, $/gross ton	10 Jan 2022	542.33	-10.18%	Dec 2021	603.81
MB-STE-0423	Steel scrap shredded, index, delivered Midwest mill, $/gross ton	10 Jan 2022	481.39	-10.88%	Dec 2021	540.16
MB-STE-0787	Steel scrap shredder feed, fob Midwest, $/gross ton	24 Jan 2022	190.93	1.21%	Dec 2021	220.07

Monterrey

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0533	Steel scrap No1 heavy melt, consumer buying price, delivered mill Monterrey, $/tonne	25 Jan 2022	385	0.00%	Dec 2021	324.5
MB-STE-0534	Steel scrap No1 heavy melt, consumer buying price, delivered mill Monterrey, peso/tonne	25 Jan 2022	7850	0.00%	Dec 2021	6850
MB-STE-0539	Steel scrap No1 busheling, consumer buying price, delivered mill Monterrey, $/tonne	25 Jan 2022	525	0.00%	Dec 2021	519
MB-STE-0540	Steel scrap No1 busheling, consumer buying price, delivered mill Monterrey, peso/tonne	25 Jan 2022	10700	0.00%	Dec 2021	10950
MB-STE-0541	Steel scrap machine shop turnings, consumer buying price, delivered mill Monterrey, $/tonne	25 Jan 2022	324	0.00%	Dec 2021	312.75
MB-STE-0542	Steel scrap machine shop turnings, consumer buying price, delivered mill Monterrey, peso/tonne	25 Jan 2022	6600	0.00%	Dec 2021	6600
MB-STE-0535	Steel scrap shredded auto scrap, consumer buying price, delivered mill Monterrey, $/tonne	25 Jan 2022	530	0.00%	Dec 2021	512
MB-STE-0536	Steel scrap shredded auto scrap, consumer buying price, delivered mill Monterrey, peso/tonne	25 Jan 2022	10800	0.00%	Dec 2021	10800
MB-STE-0537	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Monterrey, $/tonne	25 Jan 2022	517	0.00%	Dec 2021	465.75
MB-STE-0538	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Monterrey, peso/tonne	25 Jan 2022	10550	0.00%	Dec 2021	9825

Montreal

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

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

New York

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0379	Steel scrap No1 heavy melt, export yard buying price, delivered to yard New York, $/gross ton	24 Jan 2022	360	0.00%	Dec 2021	372.5
MB-STE-0418	Steel scrap HMS 1&2 (80:20), export index, fob New York, $/tonne	26 Jan 2022	435	1.87%	Dec 2021	432.5
MB-STE-0380	Steel scrap No2 bundles, export yard buying price, delivered to yard New York, $/gross ton	24 Jan 2022	310	0.00%	Dec 2021	322.5
MB-STE-0381	Steel scrap machine shop turnings, export yard buying price, delivered to yard New York, $/gross ton	24 Jan 2022	255	0.00%	Dec 2021	267.5
MB-STE-0419	Steel scrap shredded scrap, export index, fob New York, $/tonne	26 Jan 2022	455	5.20%	Dec 2021	449.5
MB-STE-0384	Steel scrap auto bodies, export yard buying price, delivered to yard New York, $/gross ton	24 Jan 2022	340	0.00%	Dec 2021	352.5
MB-STE-0383	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard New York, $/gross ton	24 Jan 2022	375	0.00%	Dec 2021	387.5
MB-STE-0382	Steel scrap mixed cast, export yard buying price, delivered to yard New York, $/gross ton	24 Jan 2022	355	0.00%	Dec 2021	367.5
MB-STE-0385	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard New York, $/gross ton	24 Jan 2022	370	0.00%	Dec 2021	382.5

North Carolina/Virginia

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

Philadelphia

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0285	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	395	-10.23%	Dec 2021	440
MB-STE-0386	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Philadelphia, $/gross ton	24 Jan 2022	365	0.00%	Dec 2021	372.5
MB-STE-0288	Steel scrap No1 busheling, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	505	-8.18%	Dec 2021	550
MB-STE-0286	Steel scrap No1 bundles, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	505	-8.18%	Dec 2021	550

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0287	Steel scrap No2 bundles, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	355	-11.25%	Dec 2021	400
MB-STE-0387	Steel scrap No2 bundles, export yard buying price, delivered to yard Philadelphia, $/gross ton	24 Jan 2022	290	0.00%	Dec 2021	297.5
MB-STE-0290	Steel scrap machine shop turnings, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	275	-17.91%	Dec 2021	335
MB-STE-0289	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	470	-8.74%	Dec 2021	515
MB-STE-0390	Steel scrap auto bodies, export yard buying price, delivered to yard Philadelphia, $/gross ton	24 Jan 2022	330	0.00%	Dec 2021	337.5
MB-STE-0297	Steel scrap unstripped motor blocks, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	415	-9.78%	Dec 2021	460
MB-STE-0389	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Philadelphia, $/gross ton	24 Jan 2022	360	0.00%	Dec 2021	367.5
MB-STE-0295	Steel scrap cupola cast, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	410	-9.89%	Dec 2021	455
MB-STE-0296	Steel scrap clean auto cast, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	405	-10.00%	Dec 2021	450
MB-STE-0298	Steel scrap heavy breakable cast, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	361	-11.08%	Dec 2021	406
MB-STE-0299	Steel scrap drop broken machinery, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	466	-8.81%	Dec 2021	511
MB-STE-0300	Steel scrap rail crops 2ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	530	-7.83%	Dec 2021	575
MB-STE-0301	Steel scrap random rails, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	505	-8.18%	Dec 2021	550
MB-STE-0291	Steel scrap cut structural/plate 2ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	520	-7.96%	Dec 2021	565
MB-STE-0292	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	415	-9.78%	Dec 2021	460
MB-STE-0293	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Philadelphia, $/gross ton	10 Jan 2022	405	-10.00%	Dec 2021	450
MB-STE-0391	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Philadelphia, $/gross ton	24 Jan 2022	375	0.00%	Dec 2021	382.5

Pittsburgh

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

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0309	Steel scrap machine shop turnings, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	315	-16.00%	Dec 2021	375
MB-STE-0308	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	470	-11.32%	Dec 2021	530
MB-STE-0310	Steel scrap cast iron borings, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	270	-18.18%	Dec 2021	330
MB-STE-0388	Steel scrap mixed cast, export yard buying price, delivered to yard Philadelphia, $/gross ton	24 Jan 2022	365	0.00%	Dec 2021	372.5
MB-STE-0311	Steel scrap cut structural/plate 3ft max, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	465	-11.43%	Dec 2021	525
MB-STE-0312	Steel scrap cut structural/plate 5ft max, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	445	-11.88%	Dec 2021	505
MB-STE-0598	Steel scrap punchings and plate, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	777	-6.61%	Dec 2021	832

Seattle/Portland

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

South Carolina

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

St Louis

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

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

Composite

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0528	Steel scrap No1 heavy melt, consumer buying price, delivered mill Chicago, $/gross ton, weekly composite	21 Jan 2022	410	0.00%	Dec 2021	
MB-STE-0529	Steel scrap No1 heavy melt, consumer buying price, delivered mill Philadelphia, $/gross ton, weekly composite	21 Jan 2022	395	0.00%	Dec 2021	
MB-STE-0530	Steel scrap No1 heavy melt, consumer buying price, delivered mill Pittsburgh, $/gross ton, weekly composite	21 Jan 2022	415	0.00%	Dec 2021	
MB-STE-0531	Steel scrap No1 heavy melt, consumer buying price, delivered mill, $/gross ton, weekly composite	21 Jan 2022	406.67	0.00%	Dec 2021	
MB-STE-0524	Steel scrap No1 busheling, consumer buying price, delivered mill Chicago, $/gross ton, weekly composite	21 Jan 2022	520	0.00%	Dec 2021	
MB-STE-0525	Steel scrap No1 busheling, consumer buying price, delivered mill Cleveland, $/gross ton, weekly composite	21 Jan 2022	580	0.00%	Dec 2021	
MB-STE-0526	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, $/gross ton, weekly composite	21 Jan 2022	550	0.00%	Dec 2021	
MB-STE-0527	Steel scrap No1 busheling, consumer buying price, delivered mill, $/gross ton, weekly composite	21 Jan 2022	550	0.00%	Dec 2021	
MB-STE-0427	Steel scrap Shredded auto, daily composite, delivered mill US, $/gross ton	27 Jan 2022	472	0.00%	Dec 2021	525.44
MB-STE-0519	Steel scrap shredded auto scrap, consumer buying price, delivered mill Alabama, $/gross ton, weekly composite	21 Jan 2022	468	0.00%	Dec 2021	
MB-STE-0520	Steel scrap shredded auto scrap, consumer buying price, delivered mill Chicago, $/gross ton, weekly composite	21 Jan 2022	480	0.00%	Dec 2021	
MB-STE-0521	Steel scrap shredded auto scrap, consumer buying price, delivered mill Philadelphia, $/gross ton, weekly composite	21 Jan 2022	470	0.00%	Dec 2021	
MB-STE-0522	Steel scrap shredded auto scrap, consumer buying price, delivered mill Pittsburgh, $/gross ton, weekly composite	21 Jan 2022	470	0.00%	Dec 2021	
MB-STE-0523	Steel scrap shredded auto scrap, consumer buying price, delivered mill, $/gross ton, weekly composite	21 Jan 2022	472	0.00%	Dec 2021	
MB-STE-0426	Steel scrap No1 heavy melt, daily composite, delivered mill US, $/gross ton	27 Jan 2022	406.67	0.00%	Dec 2021	465
MB-STE-0428	Steel scrap No1 busheling, daily composite, delivered mill US, $/gross ton	27 Jan 2022	550	0.00%	Dec 2021	610

US steel scrap shredder feed prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0786	Steel scrap shredder feed, fob Ohio Valley, $/gross ton	24 Jan 2022	216.09	0.72%	Dec 2021	234.7
MB-STE-0787	Steel scrap shredder feed, fob Midwest, $/gross ton	24 Jan 2022	190.93	1.21%	Dec 2021	220.07
MB-STE-0788	Steel scrap shredder feed, fob Southeast, $/gross ton	24 Jan 2022	166.98	0.00%	Dec 2021	186.71

Boston stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0178	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Boston, US cents/lb	25 Jan 2022	26 - 27	0.00%	Dec 2021	32 - 33
MB-STS-0056	Stainless steel scrap 430 bundles, export yard buying price, delivered to yard Boston, $/gross ton	25 Jan 2022	582 - 605	0.00%	Dec 2021	717 - 739

Chicago stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0185	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Chicago, $/gross ton	04 Jan 2022	1478 - 1702	6.75%	Dec 2021	1366 - 1613
MB-STS-0063	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Chicago, US cents/lb	04 Jan 2022	66 - 76	6.77%	Dec 2021	61 - 72
MB-STS-0190	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, US cents/lb	25 Jan 2022	96 - 99	1.56%	Dec 2021	90.25 - 93.25
MB-STS-0068	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, $/gross ton	25 Jan 2022	2150 - 2218	1.56%	Dec 2021	2021.75 - 2088.75
MB-STS-0186	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Chicago, $/gross ton	04 Jan 2022	1568 - 1859	6.99%	Dec 2021	1478 - 1725
MB-STS-0064	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Chicago, US cents/lb	04 Jan 2022	70 - 83	6.99%	Dec 2021	66 - 77
MB-STS-0189	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, US cents/lb	25 Jan 2022	102 - 104	0.98%	Dec 2021	95.5 - 98.25
MB-STS-0067	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, $/gross ton	25 Jan 2022	2285 - 2330	1.01%	Dec 2021	2139.25 - 2200.75
MB-STS-0184	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Chicago, $/gross ton	04 Jan 2022	1568 - 1859	6.99%	Dec 2021	1478 - 1725
MB-STS-0062	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Chicago, US cents/lb	04 Jan 2022	70 - 83	6.99%	Dec 2021	66 - 77
MB-STS-0191	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, US cents/lb	25 Jan 2022	37 - 38	0.00%	Dec 2021	35 - 38
MB-STS-0069	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, $/gross ton	25 Jan 2022	829 - 851	0.00%	Dec 2021	784.25 - 851.5
MB-STS-0187	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Chicago, $/gross ton	04 Jan 2022	515 - 582	-5.84%	Dec 2021	538 - 627
MB-STS-0065	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Chicago, US cents/lb	04 Jan 2022	23 - 26	-5.77%	Dec 2021	24 - 28
MB-STS-0192	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Chicago, US cents/lb	25 Jan 2022	28 - 33	-3.17%	Dec 2021	30.25 - 33.5
MB-STS-0070	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Chicago, $/gross ton	25 Jan 2022	627 - 739	-3.19%	Dec 2021	677.5 - 750.5
MB-STS-0194	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Chicago, US cents/lb	25 Jan 2022	25 - 28	-7.02%	Dec 2021	26.25 - 29
MB-STS-0072	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Chicago, $/gross ton	25 Jan 2022	560 - 627	-6.97%	Dec 2021	588 - 649.5
MB-STS-0193	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Chicago, US cents/lb	25 Jan 2022	31 - 33	-4.48%	Dec 2021	31.5 - 34
MB-STS-0071	Stainless steel scrap 409 bundles, broker buying price, delivered to processor Chicago, $/gross ton	25 Jan 2022	694 - 739	-4.47%	Dec 2021	705.25 - 761.5

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0183	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Chicago, $/gross ton	04 Jan 2022	2374 - 2464	9.63%	Dec 2021	1971 - 2442
MB-STS-0061	Stainless steel scrap 316 solids, dealer buying price, delivered to yard Chicago, US cents/lb	04 Jan 2022	106 - 110	9.64%	Dec 2021	88 - 109
MB-STS-0066	Stainless steel scrap 316 solids, broker buying price, delivered to processor Chicago, $/gross ton	25 Jan 2022	3046 - 3181	2.20%	Dec 2021	2856 - 3001.5
MB-STS-0188	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Chicago, US cents/lb	25 Jan 2022	136 - 142	2.21%	Dec 2021	127.5 - 134

Cleveland stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0197	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Cleveland, $/gross	04 Jan 2022	1456 - 1568	6.29%	Dec 2021	1389 - 1456
MB-STS-0202	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Cleveland, US cents/lb	25 Jan 2022	96 - 99	1.56%	Dec 2021	90 - 93.25
MB-STS-0201	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Cleveland, US cents/lb	25 Jan 2022	102 - 104	0.98%	Dec 2021	95.25 - 98.5
MB-STS-0079	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Cleveland, $/gross ton	25 Jan 2022	2285 - 2330	1.01%	Dec 2021	2133.75 - 2206.5
MB-STS-0196	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Cleveland, $/gross	04 Jan 2022	1568 - 1680	6.63%	Dec 2021	1478 - 1568
MB-STS-0074	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Cleveland, US cents/lb	04 Jan 2022	70 - 75	6.62%	Dec 2021	66 - 70
MB-STS-0075	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Cleveland, US cents/lb	04 Jan 2022	65 - 70	6.30%	Dec 2021	62 - 65
MB-STS-0080	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Cleveland, $/gross ton	25 Jan 2022	2150 - 2218	1.56%	Dec 2021	2016 - 2088.75
MB-STS-0198	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Cleveland, $/gross	04 Jan 2022	1568 - 1680	6.63%	Dec 2021	1478 - 1568
MB-STS-0076	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Cleveland, US cents/lb	04 Jan 2022	70 - 75	6.62%	Dec 2021	66 - 70
MB-STS-0199	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Cleveland, $/gross	04 Jan 2022	448 - 560	-2.14%	Dec 2021	448 - 582
MB-STS-0077	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Cleveland, US cents/lb	04 Jan 2022	20 - 25	-2.17%	Dec 2021	20 - 26
MB-STS-0195	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Cleveland, $/gross	04 Jan 2022	2016 - 2464	12.37%	Dec 2021	1904 - 2083
MB-STS-0200	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Cleveland, US cents/lb	25 Jan 2022	136 - 142	2.21%	Dec 2021	127.5 - 134.25
MB-STS-0078	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Cleveland, $/gross ton	25 Jan 2022	3046 - 3181	2.20%	Dec 2021	2856 - 3007.25
MB-STS-0073	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Cleveland, US cents/lb	04 Jan 2022	90 - 110	12.36%	Dec 2021	85 - 93

Detroit stainless steel scrap

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

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0083	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Detroit, US cents/lb	04 Jan 2022	66 - 70	10.57%	Dec 2021	61 - 62
MB-STS-0210	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, US cents/lb	25 Jan 2022	96 - 99	0.00%	Dec 2021	90.25 - 93.25
MB-STS-0088	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, $/gross ton	25 Jan 2022	2150 - 2218	0.00%	Dec 2021	2021.75 - 2088.75
MB-STS-0206	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Detroit, $/gross ton	04 Jan 2022	1568 - 1792	11.96%	Dec 2021	1478 - 1523
MB-STS-0084	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Detroit, US cents/lb	04 Jan 2022	70 - 80	11.94%	Dec 2021	66 - 68
MB-STS-0209	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, US cents/lb	25 Jan 2022	102 - 104	1.48%	Dec 2021	95.5 - 98.5
MB-STS-0087	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, $/gross ton	25 Jan 2022	2285 - 2330	1.50%	Dec 2021	2139.25 - 2206.5
MB-STS-0204	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Detroit, $/gross ton	04 Jan 2022	1568 - 1792	11.96%	Dec 2021	1478 - 1523
MB-STS-0082	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Detroit, US cents/lb	04 Jan 2022	70 - 80	11.94%	Dec 2021	66 - 68
MB-STS-0207	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Detroit, $/gross ton	04 Jan 2022	538 - 560	-1.96%	Dec 2021	538 - 582
MB-STS-0085	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Detroit, US cents/lb	04 Jan 2022	24 - 25	-2.00%	Dec 2021	24 - 26
MB-STS-0211	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Detroit, US cents/lb	25 Jan 2022	34 - 38	-1.37%	Dec 2021	36 - 37.75
MB-STS-0089	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Detroit, $/gross ton	25 Jan 2022	762 - 851	-1.41%	Dec 2021	806.25 - 845.75
MB-STS-0212	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Detroit, US cents/lb	25 Jan 2022	30 - 33	0.00%	Dec 2021	31.5 - 33.25
MB-STS-0213	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Detroit, US cents/lb	25 Jan 2022	26 - 28	-1.82%	Dec 2021	26.75 - 28.5
MB-STS-0091	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Detroit, $/gross ton	25 Jan 2022	582 - 627	-1.87%	Dec 2021	599 - 638.25
MB-STS-0090	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Detroit, $/gross ton	25 Jan 2022	672 - 739	0.00%	Dec 2021	705.5 - 744.75
MB-STS-0208	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Detroit, US cents/lb	25 Jan 2022	136 - 142	2.21%	Dec 2021	127 - 134
MB-STS-0086	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Detroit, $/gross ton	25 Jan 2022	3046 - 3181	2.20%	Dec 2021	2844.75 - 3001.5
MB-STS-0203	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Detroit, $/gross ton	04 Jan 2022	2374 - 2576	22.10%	Dec 2021	1971 - 2083
MB-STS-0081	Stainless steel scrap 316 solids, dealer buying price, delivered to yard Detroit, US cents/lb	04 Jan 2022	106 - 115	22.10%	Dec 2021	88 - 93

East Coast stainless steel scrap

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

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

Houston stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0218	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Houston, US cents/lb	25 Jan 2022	101 - 103	0.49%	Dec 2021	94.75 - 96.75
MB-STS-0096	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Houston, $/gross ton	25 Jan 2022	2262 - 2307	0.48%	Dec 2021	2122.5 - 2167.25
MB-STS-0215	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Houston, $/gross ton	04 Jan 2022	1568 - 1680	3.57%	Dec 2021	1344 - 1792
MB-STS-0093	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	04 Jan 2022	70 - 75	3.57%	Dec 2021	60 - 80
MB-STS-0219	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Houston, US cents/lb	25 Jan 2022	94 - 98	2.13%	Dec 2021	88.5 - 90.75
MB-STS-0097	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Houston, $/gross ton	25 Jan 2022	2106 - 2195	2.14%	Dec 2021	1982.5 - 2033
MB-STS-0216	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Houston, $/gross ton	04 Jan 2022	1232 - 1456	-12.41%	Dec 2021	1389 - 1680
MB-STS-0094	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Houston, US cents/lb	04 Jan 2022	55 - 65	-12.41%	Dec 2021	62 - 75
MB-STS-0220	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Houston, US cents/lb	25 Jan 2022	38 - 39	14.93%	Dec 2021	32.5 - 35
MB-STS-0098	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Houston, $/gross ton	25 Jan 2022	851 - 874	14.92%	Dec 2021	727.75 - 784.25
MB-STS-0221	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Houston, US cents/lb	25 Jan 2022	24 - 25	-19.67%	Dec 2021	24.75 - 26.25
MB-STS-0099	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Houston, $/gross ton	25 Jan 2022	538 - 560	-19.62%	Dec 2021	554.25 - 588.25
MB-STS-0214	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Houston, $/gross ton	04 Jan 2022	2397 - 2419	10.26%	Dec 2021	2016 - 2352
MB-STS-0092	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Houston, US cents/lb	04 Jan 2022	107 - 108	10.26%	Dec 2021	90 - 105
MB-STS-0217	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Houston, US cents/lb	25 Jan 2022	139 - 140	1.45%	Dec 2021	132.25 - 136

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0095	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Houston, $/gross ton	25 Jan 2022	3114 - 3136	1.46%	Dec 2021	2962.5 - 3046.25

Los Angeles stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0227	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Los Angeles, US cents/lb	25 Jan 2022	53.57 - 55.8	4.45%	Dec 2021	49.39 - 51.62
MB-STS-0105	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Los Angeles, $/gross ton	25 Jan 2022	1200 - 1250	4.48%	Dec 2021	1106.25 - 1156.25
MB-STS-0226	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Los Angeles, US cents/lb	25 Jan 2022	73.66 - 74.78	3.10%	Dec 2021	69.48 - 70.59
MB-STS-0104	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Los Angeles, $/gross ton	25 Jan 2022	1650 - 1675	3.10%	Dec 2021	1556.25 - 1581.25
MB-STS-0228	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Los Angeles, US cents/lb	25 Jan 2022	16.96 - 17.86	2.59%	Dec 2021	15.41 - 16.3
MB-STS-0106	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Los Angeles, $/gross ton	25 Jan 2022	380 - 400	2.63%	Dec 2021	345 - 365

Montreal stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0252	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Montreal, Canadian $/gross ton	04 Jan 2022	2016 - 2038	7.08%	Dec 2021	1725 - 2061
MB-STS-0253	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Montreal, Canadian $/gross ton	04 Jan 2022	2195 - 2218	-2.48%	Dec 2021	2173 - 2352
MB-STS-0131	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	04 Jan 2022	98 - 99	-2.48%	Dec 2021	97 - 105
MB-STS-0130	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Montreal, Canadian cents/lb	04 Jan 2022	90 - 91	7.10%	Dec 2021	77 - 92
MB-STS-0129	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	04 Jan 2022	98 - 99	-2.48%	Dec 2021	97 - 105
MB-STS-0251	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Montreal, Canadian $/gross ton	04 Jan 2022	2195 - 2218	-2.48%	Dec 2021	2173 - 2352
MB-STS-0128	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Montreal, Canadian cents/lb	04 Jan 2022	133 - 134	-4.98%	Dec 2021	135 - 146
MB-STS-0250	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Montreal, Canadian $/gross ton	04 Jan 2022	2979 - 3002	-4.97%	Dec 2021	3024 - 3270

New York stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0236	Stainless steel scrap 304 turnings, broker buying price, delivered to processor New York, US cents/lb	25 Jan 2022	96 - 99	1.56%	Dec 2021	88 - 92.25
MB-STS-0114	Stainless steel scrap 304 turnings, broker buying price, delivered to processor New York, $/gross ton	25 Jan 2022	2150 - 2218	1.56%	Dec 2021	1971 - 2066.25
MB-STS-0116	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, $/gross ton	25 Jan 2022	1994 - 2016	0.00%	Dec 2021	1904 - 1938

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0238	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, US cents/lb	25 Jan 2022	89 - 90	0.00%	Dec 2021	85 - 86.5
MB-STS-0235	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor New York, US cents/lb	25 Jan 2022	102 - 105	1.47%	Dec 2021	95.5 - 98.5
MB-STS-0113	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor New York, $/gross ton	25 Jan 2022	2285 - 2352	1.49%	Dec 2021	2139.25 - 2206.5
MB-STS-0237	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, US cents/lb	25 Jan 2022	95 - 96	0.26%	Dec 2021	93.5 - 95.13
MB-STS-0115	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, $/gross ton	25 Jan 2022	2128 - 2150	0.26%	Dec 2021	2094.5 - 2131
MB-STS-0239	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, US cents/lb	25 Jan 2022	26 - 27	0.00%	Dec 2021	32 - 33
MB-STS-0117	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, $/gross ton	25 Jan 2022	582 - 605	0.00%	Dec 2021	717 - 739
MB-STS-0234	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor New York, US cents/lb	25 Jan 2022	136 - 142	1.46%	Dec 2021	125.5 - 133.5
MB-STS-0112	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor New York, $/gross ton	25 Jan 2022	3046 - 3181	1.45%	Dec 2021	2811.25 - 2990.25

Philadelphia stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0241	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Philadelphia, US cents/lb	25 Jan 2022	89 - 90	0.00%	Dec 2021	85 - 86.5
MB-STS-0119	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard Philadelphia, $/gross ton	25 Jan 2022	1994 - 2016	0.00%	Dec 2021	1904 - 1938
MB-STS-0240	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Philadelphia, US cents/lb	25 Jan 2022	95 - 96	0.26%	Dec 2021	93.5 - 95.13
MB-STS-0118	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard Philadelphia, $/gross ton	25 Jan 2022	2128 - 2150	0.26%	Dec 2021	2094.5 - 2131
MB-STS-0242	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Philadelphia, US cents/lb	25 Jan 2022	26 - 27	0.00%	Dec 2021	32 - 33
MB-STS-0120	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard Philadelphia, $/gross ton	25 Jan 2022	582 - 605	0.00%	Dec 2021	717 - 739

Pittsburgh stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0042	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Pittsburgh, US cents/lb	04 Jan 2022	55 - 67	8.93%	Dec 2021	50 - 62
MB-STS-0164	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Pittsburgh, $/gross ton	04 Jan 2022	1232 - 1501	8.93%	Dec 2021	1120 - 1389
MB-STS-0169	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	25 Jan 2022	96 - 99	1.56%	Dec 2021	89 - 93.25
MB-STS-0047	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, $/gross ton	25 Jan 2022	2150 - 2218	1.56%	Dec 2021	1993.5 - 2088.75
MB-STS-0256	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Jan 2022	86.4 - 87.3	-0.61%	Dec 2021	87 - 87.75
MB-STS-0134	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	1935 - 1956	-0.61%	Dec 2021	1949 - 1966

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0168	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, US cents/lb	25 Jan 2022	102 - 104	0.98%	Dec 2021	94.75 - 98.5
MB-STS-0255	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Jan 2022	95 - 97	-0.78%	Dec 2021	96 - 97.5
MB-STS-0163	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Pittsburgh, $/gross ton	04 Jan 2022	1344 - 1680	17.39%	Dec 2021	1008 - 1568
MB-STS-0041	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	04 Jan 2022	60 - 75	17.39%	Dec 2021	45 - 70
MB-STS-0046	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, $/gross ton	25 Jan 2022	2285 - 2330	1.01%	Dec 2021	2122.75 - 2206.5
MB-STS-0133	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	2128 - 2173	-0.76%	Dec 2021	2150 - 2184
MB-STS-0165	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Pittsburgh, $/gross ton	04 Jan 2022	1344 - 1680	17.39%	Dec 2021	1008 - 1568
MB-STS-0043	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	04 Jan 2022	60 - 75	17.39%	Dec 2021	45 - 70
MB-STS-0171	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	25 Jan 2022	32 - 33	0.00%	Dec 2021	29.5 - 33
MB-STS-0049	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Pittsburgh, $/gross ton	25 Jan 2022	717 - 739	0.00%	Dec 2021	660.75 - 739.5
MB-STS-0257	Stainless steel scrap 430 bundles, solids, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Jan 2022	31.71 - 33.26	-4.89%	Dec 2021	33.71 - 34.6
MB-STS-0170	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, US cents/lb	25 Jan 2022	37 - 38	0.00%	Dec 2021	35 - 37.75
MB-STS-0048	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, $/gross ton	25 Jan 2022	829 - 851	0.00%	Dec 2021	784 - 845.75
MB-STS-0135	Stainless steel scrap 430 bundles, solids, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	710 - 745	-4.90%	Dec 2021	755 - 775
MB-STS-0166	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Pittsburgh, $/gross ton	04 Jan 2022	336 - 560	-2.40%	Dec 2021	336 - 582
MB-STS-0044	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	04 Jan 2022	15 - 25	-2.44%	Dec 2021	15 - 26
MB-STS-0172	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Pittsburgh, US cents/lb	25 Jan 2022	32 - 33	0.00%	Dec 2021	30.75 - 33.25
MB-STS-0258	Stainless steel scrap 409 bundles, solids, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Jan 2022	27.24 - 28.13	-5.66%	Dec 2021	29.24 - 29.46
MB-STS-0136	Stainless steel scrap 409 bundles, solids, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	610 - 630	-5.70%	Dec 2021	655 - 660
MB-STS-0173	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Pittsburgh, US cents/lb	25 Jan 2022	26 - 28	-1.82%	Dec 2021	25.25 - 28.25
MB-STS-0050	Stainless steel scrap 409 bundles, broker buying price, delivered to processor Pittsburgh, $/gross ton	25 Jan 2022	717 - 739	0.00%	Dec 2021	688.75 - 744.75
MB-STS-0051	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Pittsburgh, $/gross ton	25 Jan 2022	582 - 627	-1.87%	Dec 2021	565.5 - 632.75
MB-STS-0167	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Pittsburgh, US cents/lb	25 Jan 2022	136 - 142	2.21%	Dec 2021	127.5 - 134
MB-STS-0254	Stainless steel scrap 316 solids, clips, consumer buying price, delivered mill Pittsburgh, US cents/lb	10 Jan 2022	137.5 - 138	-0.36%	Dec 2021	138 - 138.5
MB-STS-0162	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Pittsburgh, $/gross ton	04 Jan 2022	1792 - 2464	13.10%	Dec 2021	1680 - 2083

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0040	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Pittsburgh, US cents/lb	04 Jan 2022	80 - 110	13.10%	Dec 2021	75 - 93
MB-STS-0132	Stainless steel scrap 316 solids, clips, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	3080 - 3091	-0.36%	Dec 2021	3091 - 3102
MB-STS-0045	Stainless steel scrap 316 solids, broker buying price, delivered to processor Pittsburgh, $/gross ton	25 Jan 2022	3046 - 3181	2.20%	Dec 2021	2856 - 3001.5

San Francisco stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0248	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard San Francisco, US cents/lb	25 Jan 2022	53.57 - 55.8	4.25%	Dec 2021	49.39 - 51.62
MB-STS-0126	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard San Francisco, $/gross ton	25 Jan 2022	1200 - 1250	4.26%	Dec 2021	1106.25 - 1156.25
MB-STS-0247	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard San Francisco, US cents/lb	25 Jan 2022	73.66 - 74.78	3.10%	Dec 2021	69.48 - 70.59
MB-STS-0125	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard San Francisco, $/gross ton	25 Jan 2022	1650 - 1675	3.10%	Dec 2021	1556.25 - 1581.25
MB-STS-0249	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard San Francisco, US cents/lb	25 Jan 2022	16.96 - 17.86	2.59%	Dec 2021	15.41 - 16.3
MB-STS-0127	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard San Francisco, $/gross ton	25 Jan 2022	380 - 400	2.63%	Dec 2021	345 - 365

Southeast US stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0151	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	25 Jan 2022	96 - 99	1.56%	Dec 2021	90.25 - 93.25
MB-STS-0139	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Southeast US, $/gross ton	25 Jan 2022	2150 - 2218	1.56%	Dec 2021	2021.5 - 2088.75
MB-STS-0147	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Southeast US, US cents/lb	04 Jan 2022	38 - 75	13.00%	Dec 2021	38 - 62
MB-STS-0159	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard Southeast US, $/gross ton	04 Jan 2022	851 - 1680	12.99%	Dec 2021	851 - 1389
MB-STS-0138	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Southeast US, $/gross ton	25 Jan 2022	2285 - 2330	1.50%	Dec 2021	2139.25 - 2206.5
MB-STS-0150	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Southeast US, US cents/lb	25 Jan 2022	102 - 104	1.48%	Dec 2021	95.5 - 98.5
MB-STS-0158	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Southeast US, $/gross ton	04 Jan 2022	1120 - 1904	13.43%	Dec 2021	1120 - 1546
MB-STS-0146	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard Southeast US, US cents/lb	04 Jan 2022	50 - 85	13.45%	Dec 2021	50 - 69
MB-STS-0145	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Southeast US, US cents/lb	04 Jan 2022	50 - 85	13.45%	Dec 2021	50 - 69
MB-STS-0157	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard Southeast US, $/gross ton	04 Jan 2022	1120 - 1904	13.43%	Dec 2021	1120 - 1546
MB-STS-0161	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Southeast US, $/gross ton	04 Jan 2022	403 - 560	-2.23%	Dec 2021	403 - 582
MB-STS-0155	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Southeast US, US cents/lb	25 Jan 2022	32 - 38	-6.67%	Dec 2021	35.75 - 37.75

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0143	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Southeast US, $/gross ton	25 Jan 2022	717 - 851	-6.67%	Dec 2021	800.5 - 845.75
MB-STS-0144	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Southeast US, $/gross ton	25 Jan 2022	717 - 739	0.00%	Dec 2021	694 - 739.5
MB-STS-0156	Stainless steel scrap 430 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	25 Jan 2022	32 - 33	0.00%	Dec 2021	31 - 33
MB-STS-0149	Stainless steel scrap 430 new clips, dealer buying price, delivered to yard Southeast US, US cents/lb	04 Jan 2022	18 - 25	-2.27%	Dec 2021	18 - 26
MB-STS-0154	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Southeast US, US cents/lb	25 Jan 2022	26 - 28	0.00%	Dec 2021	26.25 - 28.25
MB-STS-0142	Stainless steel scrap 409 turnings, broker buying price, delivered to processor Southeast US, $/gross ton	25 Jan 2022	582 - 627	0.00%	Dec 2021	587.75 - 632.75
MB-STS-0141	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Southeast US, $/gross ton	25 Jan 2022	694 - 739	-1.58%	Dec 2021	705.5 - 744.75
MB-STS-0153	Stainless steel scrap 409 bundles, solids, broker buying price, delivered to processor Southeast US, US cents/lb	25 Jan 2022	31 - 33	-1.54%	Dec 2021	31.5 - 33.25
MB-STS-0160	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Southeast US, $/gross ton	04 Jan 2022	1837 - 2464	8.47%	Dec 2021	1837 - 2128
MB-STS-0148	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard Southeast US, US cents/lb	04 Jan 2022	82 - 110	8.47%	Dec 2021	82 - 95
MB-STS-0152	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Southeast US, US cents/lb	25 Jan 2022	136 - 142	2.21%	Dec 2021	127.5 - 134
MB-STS-0140	Stainless steel scrap 316 solids, clips, broker buying price, delivered to processor Southeast US, $/gross ton	25 Jan 2022	3046 - 3181	2.20%	Dec 2021	2856 - 3001.5

West Coast stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0301	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard West Coast, $/gross ton	04 Jan 2022	762 - 806	2.95%	Dec 2021	739 - 784
MB-STS-0291	Stainless steel scrap 304 turnings, dealer buying price, delivered to yard West Coast, US cents/lb	04 Jan 2022	34 - 36	2.94%	Dec 2021	33 - 35
MB-STS-0302	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard West Coast, $/gross ton	04 Jan 2022	1142 - 1187	2.92%	Dec 2021	1098 - 1165
MB-STS-0292	Stainless steel scrap 304 new clips, dealer buying price, delivered to yard West Coast, US cents/lb	04 Jan 2022	51 - 53	2.97%	Dec 2021	49 - 52
MB-STS-0300	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard West Coast, $/gross ton	04 Jan 2022	1142 - 1187	2.92%	Dec 2021	1098 - 1165
MB-STS-0290	Stainless steel scrap 304 solids, clips, dealer buying price, delivered to yard West Coast, US cents/lb	04 Jan 2022	51 - 53	2.97%	Dec 2021	49 - 52
MB-STS-0299	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard West Coast, $/gross ton	04 Jan 2022	1434 - 1478	0.00%	Dec 2021	1434 - 1478
MB-STS-0289	Stainless steel scrap 316 solids, clips, dealer buying price, delivered to yard West Coast, US cents/lb	04 Jan 2022	64 - 66	0.00%	Dec 2021	64 - 66

Europe domestic

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

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0432	Steel scrap 12 A/C new production heavy steel domestic, delivered consumer UK, £/tonne	13 Jan 2022	285 - 300	-1.68%	Dec 2021	290 - 305
MB-STE-0430	Steel scrap 7B heavy steel turnings inter-merchant, delivered to export dock UK, £/tonne	13 Jan 2022	205 - 220	-2.30%	Dec 2021	210 - 225
MB-STE-0081	Steel scrap 4C new steel bales domestic, delivered consumer UK, £/tonne	13 Jan 2022	280 - 295	-1.71%	Dec 2021	285 - 300
MB-STE-0087	Steel scrap OA plate and structural domestic, delivered consumer UK, £/tonne	13 Jan 2022	245 - 260	-1.94%	Dec 2021	250 - 265
MB-STE-0080	Steel scrap 4A new steel bales domestic, delivered consumer UK, £/tonne	13 Jan 2022	290 - 305	-1.65%	Dec 2021	295 - 310
MB-STE-0084	Steel scrap 8B new loose light cuttings domestic, delivered consumer UK, £/tonne	13 Jan 2022	265 - 280	-1.80%	Dec 2021	270 - 285
MB-STE-0085	Steel scrap 9A/10 heavy and light cast iron domestic, delivered consumer UK, £/tonne	13 Jan 2022	235 - 250	-2.02%	Dec 2021	240 - 255
MB-STE-0078	Steel scrap 11A cast iron borings (low P) domestic, delivered consumer UK, £/tonne	13 Jan 2022	195 - 205	-2.44%	Dec 2021	200 - 210
MB-STE-0086	Steel scrap 9B/C cylinder block scrap domestic, delivered consumer UK, £/tonne	13 Jan 2022	255 - 270	-1.87%	Dec 2021	260 - 275
MB-STE-0083	Steel scrap 8A new loose light cuttings domestic, delivered consumer UK, £/tonne	13 Jan 2022	280 - 295	-1.71%	Dec 2021	285 - 300
MB-STE-0077	Steel scrap 1&2 old steel domestic, delivered consumer UK, £/tonne	13 Jan 2022	225 - 240	-2.11%	Dec 2021	230 - 245
MB-STS-0012	Steel scrap 5C loose old light domestic, delivered inter-merchant UK, £/tonne	21 Jan 2022	180 - 195	0.00%	Dec 2021	185 - 200
MB-STE-0167	Steel scrap No E3 (old thick scrap) domestic, delivered mill Italy, €/tonne	21 Jan 2022	380 - 400	-8.24%	Dec 2021	420 - 430
MB-STE-0169	Steel scrap No E3 (old thick steel scrap) domestic, delivered mill Germany, €/tonne	21 Jan 2022	410 - 420	-2.35%	Dec 2021	420 - 430
MB-STE-0093	Steel scrap auto bundle scrap domestic, delivered Turkey, lira/tonne	24 Jan 2022	6200 - 6875	0.00%	Dec 2021	5722.5 - 6716.25
MB-STE-0415	Steel scrap E8 thin new production steel domestic, delivered consumer Germany, €/tonne	21 Jan 2022	480 - 490	-2.02%	Dec 2021	490 - 500
MB-STE-0168	Steel scrap No E8 (thin new production steel scrap) domestic, delivered mill Italy, €/tonne	21 Jan 2022	450 - 470	-8.00%	Dec 2021	490 - 510
MB-STE-0414	Steel scrap E40 shredded domestic, delivered consumer Germany, €/tonne	21 Jan 2022	420 - 430	-2.30%	Dec 2021	430 - 440
MB-STE-0849	Steel scrap E40 shredded, delivered to mill Italy, €/tonne	21 Jan 2022	450 - 470	-4.66%	Dec 2021	475 - 490

Europe export

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0095	Steel scrap shredded import, cfr delivered Turkish port, $/tonne	21 Jan 2022	473 - 485	0.00%	Dec 2021	479.4 - 488.8
MB-STE-0096	Steel scrap HMS 1&2 (75:25 mix) import, cfr delivered Turkish port, $/tonne	21 Jan 2022	448 - 450	0.00%	Dec 2021	454.2 - 456.8
MB-STE-0097	Steel scrap HMS 1&2 (75:25 mix) export, fob Rotterdam, $/tonne	21 Jan 2022	418 - 420	0.00%	Dec 2021	416.2 - 418.8
MB-STE-0098	Steel scrap shredded export, fob Rotterdam, $/tonne	21 Jan 2022	443 - 445	0.00%	Dec 2021	440.4 - 442.4
MB-STE-0099	Steel scrap shredded export, fob main port UK, $/tonne	21 Jan 2022	450 - 452	0.00%	Dec 2021	449.2 - 451.6
MB-STE-0100	Steel scrap HMS 1&2 (80:20 mix) export, fob main port UK, $/tonne	21 Jan 2022	430 - 432	0.00%	Dec 2021	429.2 - 431.6
MB-STE-0416	Steel scrap HMS 1&2 (80:20 mix) North Europe origin, cfr Turkey, $/tonne	27 Jan 2022	462.87	-0.23%	Dec 2021	464.6
MB-STE-0894	Steel scrap, HMS 1&2 (80:20 mix), month-to-date deal-weighted average, North Europe origin, cfr Turkey, $/tonne	27 Jan 2022	460.99	0.08%	Dec 2021	469.67
MB-STE-0417	Steel scrap HMS 1&2 (80:20 mix) US origin, cfr Turkey, $/tonne	27 Jan 2022	471.16	-0.23%	Dec 2021	472.57

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0420	Steel scrap HMS 1&2 (80:20 mix), fob Rotterdam, $/tonne	21 Jan 2022	427.87	-0.64%	Dec 2021	427.45

European stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0008	Stainless steel scrap 18/8 solids import, cif main European port, €/tonne	21 Jan 2022	2070	5.34%	Dec 2021	1846 - 1870
MB-STS-0011	Stainless steel scrap 18/8 turnings domestic, delivered merchants UK, £/tonne	21 Jan 2022	1390 - 1480	3.42%	Dec 2021	1294 - 1356
MB-STS-0010	Stainless steel scrap 18/8 solids domestic, delivered merchants UK, £/tonne	21 Jan 2022	1600 - 1700	3.45%	Dec 2021	1488 - 1560
MB-STS-0009	Stainless steel scrap 18/8 turnings import, cif main European port, €/tonne	21 Jan 2022	1865	5.52%	Dec 2021	1681 - 1694
MB-STS-0013	Stainless steel scrap 12-13% Cr solids domestic, delivered merchants UK, £/tonne	21 Jan 2022	370 - 390	5.56%	Dec 2021	350 - 370
MB-STS-0014	Stainless steel scrap 16-17% Cr solids domestic, delivered merchants UK, £/tonne	21 Jan 2022	410 - 430	5.00%	Dec 2021	390 - 410
MB-STS-0261	Stainless steel scrap 316 solids import, cif main port Europe, €/tonne	21 Jan 2022	2870	5.13%	Dec 2021	2634 - 2646
MB-STS-0262	Stainless steel scrap 316 turnings import, cif main port Europe, €/tonne	21 Jan 2022	2585	5.19%	Dec 2021	2371 - 2382
MB-STS-0260	Stainless steel scrap 316 turnings domestic, delivered merchants UK, £/tonne	21 Jan 2022	2000 - 2060	2.01%	Dec 2021	1812 - 1897
MB-STS-0259	Stainless steel scrap 316 solids domestic, delivered merchants UK, £/tonne	21 Jan 2022	2300 - 2370	2.19%	Dec 2021	2084 - 2180

Asia domestic and export

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0149	Steel scrap heavy scrap domestic, delivered mill China, yuan/tonne	21 Jan 2022	3570 - 3720	0.00%	Dec 2021	3370 - 3476
MB-STE-0889	Steel scrap, index, heavy recycled steel materials, cfr east China, $/tonne	25 Jan 2022	522.5	0.23%	Dec 2021	475.18
MB-STE-0895	Steel scrap, index, heavy recycled steel materials, cfr north China, $/tonne	25 Jan 2022	532.5	0.23%	Dec 2021	485.18
MB-STE-0464	Steel scrap HMS 1&2 (80:20 mix) US material import, cfr main port Taiwan, $/tonne	27 Jan 2022	465	1.09%	Dec 2021	446.83 - 449.43
MB-STE-0874	Steel scrap H2 export, fob main port Japan, ¥/tonne	26 Jan 2022	51000 - 52000	0.49%	Dec 2021	47700 - 49100
MB-STE-0875	Steel scrap shredded export, fob main port Japan, ¥/tonne	26 Jan 2022	58000 - 58500	3.10%	Dec 2021	52400 - 54000
MB-STE-0876	Steel scrap Shindachi bara export, fob main port Japan, ¥/tonne	26 Jan 2022	57500 - 60000	0.00%	Dec 2021	58000 - 59300
MB-STE-0877	Steel scrap heavy scrap (HS) export, fob main port Japan, ¥/tonne	26 Jan 2022	59500 - 60000	1.27%	Dec 2021	56100 - 58100
MB-STE-0878	Steel scrap H2 Japan-origin import, cfr Vietnam, $/tonne	21 Jan 2022	500 - 505	0.50%	Dec 2021	488 - 490
MB-STE-0783	Steel scrap HMS 1&2 (80:20), cfr Vietnam, $/tonne	21 Jan 2022	530	0.00%	Dec 2021	515 - 518
MB-STE-0879	Steel scrap H2 Japan origin import, cfr main port South Korea, ¥/tonne	21 Jan 2022	54500 - 55500	2.33%	Dec 2021	50600 - 51900
MB-STE-0880	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr South Korea, $/tonne	21 Jan 2022	523 - 530	0.29%	Dec 2021	500 - 506
MB-STE-0421	Steel scrap shredded, index, import, cfr Nhava Sheva, India $/tonne	25 Jan 2022	540	0.00%	Dec 2021	529.46
MB-STE-0413	Steel scrap HMS 1&2 (80:20 mix) import, cfr Nhava Sheva, India, $/tonne	21 Jan 2022	465 - 480	0.00%	Dec 2021	444 - 458
MB-STE-0881	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr Bangladesh, $/tonne	27 Jan 2022	557 - 560	3.43%	Dec 2021	526 - 541
MB-STE-0884	Steel scrap HMS 1&2 (80:20) containerized import, cfr Bangladesh, $/tonne	27 Jan 2022	515 - 535	0.48%	Dec 2021	518 - 532.8
MB-STE-0885	Steel scrap shredded containerized import, cfr Bangladesh, $/tonne	27 Jan 2022	555 - 580	0.00%	Dec 2021	555 - 560

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0886	Steel scrap shredded deep-sea origin import, cfr Bangladesh, $/tonne	27 Jan 2022	567 - 570	3.36%	Dec 2021	541 - 555
MB-STE-0887	Steel scrap shredded, index, import, cfr Port Qasim, Pakistan $/tonne	21 Jan 2022	546.59	0.24%	Dec 2021	543.98

Automotive: Asia

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

Key aluminium prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0349	Aluminium primary foundry alloy silicon 7 ingot annual premium, cif MJP, $/tonne	20 Jan 2022	120 - 150	22.73%	Dec 2021	100 - 120
MB-AL-0348	Aluminium primary foundry alloy silicon 7 ingot annual premium, cif main South Korean ports, $/tonne	20 Jan 2022	120 - 150	28.57%	Dec 2021	90 - 120
MB-AL-0350	Aluminium ingot ADC 12, exw dp China, yuan/tonne	26 Jan 2022	20500 - 20900	0.24%	Dec 2021	19780 - 20260
MB-AL-0292	Aluminium ingot ADC 12 spot (MJP), cfr Japan, $/tonne	26 Jan 2022	2550 - 2630	-0.38%	Dec 2021	2460 - 2540
MB-AL-0345	Aluminium P1020A premium, cif Shanghai, $/tonne	25 Jan 2022	60 - 80	16.67%	Dec 2021	50 - 70
MB-AL-0344	Aluminium P1020A premium, cif South Korea, $/tonne	25 Jan 2022	170 - 180	0.00%	Dec 2021	160 - 170
MB-AL-0343	Aluminium P1020A (MJP) spot premium, cif Japan, $/tonne	25 Jan 2022	155 - 175	-2.94%	Dec 2021	161.67 - 180
MB-AL-0001	Aluminium P1020A (MJP) quarterly premium, cif Japan, $/tonne	07 Jan 2022	177	-18.62%	Dec 2021	215 - 220
MB-AL-0328	Aluminium P1020A premium, bonded in-whs, Shanghai, $/tonne	25 Jan 2022	60 - 90	15.38%	Dec 2021	50 - 80
MB-AL-0329	Aluminium P1020A premium, cif Taiwan, $/tonne	25 Jan 2022	160 - 185	-4.17%	Dec 2021	167.5 - 200
MB-AL-0307	Aluminium P1020A premium, fca South Korea, $/tonne	25 Jan 2022	185 - 195	5.56%	Dec 2021	175 - 185
MB-ALU-0002	Alumina index, fob Australia, $/tonne	27 Jan 2022	359.96	0.36%	Dec 2021	356.24

Key copper prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0404	Copper grade A cathode premium, cif South Korea, $/tonne	25 Jan 2022	75 - 85	0.00%	Dec 2021	75 - 85
MB-CU-0405	Copper grade A cathode premium, in-whs Shanghai, $/tonne	27 Jan 2022	50 - 72	0.00%	Dec 2021	84.52 - 104.9
MB-CU-0403	Copper grade A cathode premium, cif Shanghai, $/tonne	27 Jan 2022	45 - 68	0.00%	Dec 2021	75.24 - 94.62
MB-CU-0399	Copper grade A cathode premium, cif Southeast Asia, $/tonne	25 Jan 2022	85 - 95	5.88%	Dec 2021	80 - 90
MB-CU-0386	Copper grade A cathode premium, cif Taiwan, $/tonne	25 Jan 2022	85 - 95	9.09%	Dec 2021	75 - 90
MB-CU-0380	Copper grade A cathode ER premium, cif Shanghai, $/tonne	27 Jan 2022	58 - 68	0.00%	Dec 2021	84.14 - 94.62
MB-CU-0383	Copper grade A cathode ER premium, bonded in-whs Shanghai, $/tonne	27 Jan 2022	62 - 72	0.00%	Dec 2021	94.52 - 104.9
MB-CU-0382	Copper grade A cathode SX-EW premium, bonded in-whs Shanghai, $/tonne	27 Jan 2022	50 - 60	0.00%	Dec 2021	84.52 - 93.67
MB-CU-0384	Copper grade A cathode SX-EW premium, cif Shanghai, $/tonne	27 Jan 2022	45 - 55	0.00%	Dec 2021	75.24 - 81.81
MB-CU-0288	Copper concentrates RC index, cif Asia Pacific, US cents/lb	21 Jan 2022	5.71	-4.83%	Dec 2021	5.64
MB-CU-0287	Copper concentrates TC index, cif Asia Pacific, $/tonne	21 Jan 2022	57.1	-4.83%	Dec 2021	56.44

Ferro-alloys/minor metals news

Fastmarkets AMM: Ferro-alloys January 27

By Chris Kavanagh - Thursday 27 January

The latest ferro-alloy prices from Fastmarkets price reporters.

Cobalt outlook bullish through 2022 and beyond, ERG CEO says

By Andrea Hotter - Thursday 27 January

The situation in the global cobalt market is such that prices could climb to new highs through 2022 and beyond, according to the chief executive officer of diversified mining company Eurasian Resources Group (ERG).

Benedikt Sobotka said that the surging price of the metal, which rose by 119% in 2021, was giving a very clear message: the market is severely short of cobalt, a key ingredient in the batteries that power electric vehicles (EVs).

There were no discernible signs of any fundamental easing, he said, and prices remained on an upward trajectory while consumers struggle to secure the few available spot units - a situation that will persist, in his opinion.

Fastmarkets assessed the price of cobalt, standard grade, in-whs Rotterdam, at $34.20-34.60 per tonne on Thursday January 27 This was up from $18.50-19.30 per tonne on the corresponding date last year.

"While it seems 'obvious' to us today that much of the tightness is underscored by stellar demand growth from the EV segment," Sobotka said, "just a year ago, most of us would have sniggered with disbelief at the prospect of EV sales more than doubling in 2021.

"Yet it is now a reality, and the pace of EV adoption shows few signs of losing momentum, being supported by the global transition to a greener future," he said.

"We firmly believe that future EV sales will continue to exceed analysts' expectations, driven by governments' ambitious adoption goals and manufacturers' aggressive sales targets," he added.

Based on these announcements alone, ERG forecasts that EV sales should account for more than half of the automotive market by 2030, far exceeding consensual estimates of around 30%.

Sobotka noted that the use of cobalt-bearing lithium-ion batteries is bourgeoning across a spectrum of end-use sectors, from mobile electronics to e-mobility and battery energy storage systems.

"Even demand from traditional cobalt metal end-use sectors, which account for around one-quarter of overall consumption, looks set to undergo a boom this year, spurred by the recovery of the aerospace sector," he said.

But according to Sobotka, cobalt supply was increasingly unable to keep pace with demand.

"The underlying reason behind this is straightforward: while giga-factories pop up at record speeds, developing industrial-scale mines still takes 10-15 years on average," he said.

"Importantly, downside risks surround the timely commissioning and ramping-up of many existing projects, in view of global shortages of mining equipment and the adoption of the historically troublesome high-pressure acid-leach technology at numerous mine projects in Indonesia," he added.

He also noted that the movement and availability of cobalt raw materials continued to be subject to logistics disruptions, which were likely to persist throughout this year.

Another factor affecting supply was that cobalt production is largely based in the Democratic Republic of Congo. The African nation is the world's largest producer of cobalt but it has had to confront continuing concerns about the health and safety of mining operations as well as the use of child labor at artisanal mines.

In turn, this has led the automotive sector in particular to turn away from the use of cobalt in batteries where possible, in an effort to reduce carmakers' exposure to potentially irresponsible production methods.

Sobotka pointed to growing consumer scrutiny of the cobalt supply chain, facilitated by tracing solutions and government efforts to introduce stronger controls to the sector.

Sobotka is co-chair of the Global Battery Alliance, a public-private collaboration platform founded in 2017 at the World Economic Forum to help establish a sustainable battery value chain by 2030.

ERG is the world's largest high-carbon ferrochrome producer by chrome content, and among the major cobalt producers. It is also a large producer of copper, the only producer of high-grade aluminium in the Republic of Kazakhstan, and one of the largest suppliers of alumina and iron ore in Eurasia.

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

By pricing@fastmarkets.com - Thursday 27 January

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

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

Fastmarkets assessed Cobalt standard grade, in-whs Rotterdam, $/lb at 34.20-34.60 on Thursday January 27, 2022.

- Bid at $34.30
- Bid at $34.40 for standard tonnage
- Bid at $34.40 for standard tonnage
- Offer at $34.60
- Offer at $35.00 for standard tonnage
- Deal heard at $34.55 for standard tonnage
- Deal heard at $34.60 for small tonnage
- Prices indicated at $34.20-34.60
- Prices indicated at $34.20-34.60
- Prices indicated at $34.20-34.70
- Prices indicated at $34.25-34.70
- Prices indicated at $34.25-34.75
- Prices indicated at $34.30-34.70
- Prices indicated at $34.30-34.75
- Prices indicated at $34.50-34.70
- Prices indicated at $34.50-34.95

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.

Fastmarkets assessed Cobalt alloy grade, in-whs Rotterdam, $/lb at 34.20-34.70 on Thursday January 27, 2022.

- Sale at $34.45 for small tonnage
- Sale at $34.40 for small tonnage
- Sale at $34.50 for small tonnage
- Bid at $34.30
- Offer at $34.60
- Prices indicated at $34.20-34.70
- Prices indicated at $34.20-34.70
- Prices indicated at $34.20-34.70
- Prices indicated at $34.25-34.75
- Prices indicated at $34.25-34.70
- Prices indicated at $34.30-34.70
- Prices indicated at $34.30-34.75
- Prices indicated at $34.40-34.90
- Prices indicated at $34.50-34.70

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

By pricing@fastmarkets.com - Thursday 27 January

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

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

Key ferro-alloys prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEC-0019	Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, $/lb	25 Jan 2022	1.72	0.00%	Dec 2021	1.81
MB-FEC-0018	Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, $/lb	27 Jan 2022	1.05 - 1.07	0.00%	Dec 2021	1.15 - 1.17
MB-FEC-0017	Ferro-chrome high carbon 57-65% Cr, cif dup Japan, $/lb	27 Jan 2022	1.06 - 1.08	0.00%	Dec 2021	1.17 - 1.19
MB-FEC-0011	Ferro-chrome 50% Cr import, cif main Chinese ports, $/lb contained Cr	25 Jan 2022	1.07	0.00%	Dec 2021	1.16
MB-FEC-0005	Ferro-chrome contract 6-8% C, basis 50% Cr, ddp China, yuan/tonne	25 Jan 2022	7995 - 8195	-9.02%	Dec 2021	9098.75 - 9600
MB-FEC-0006	Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	25 Jan 2022	8500 - 8800	1.76%	Dec 2021	8725 - 9000
MB-FEV-0003	Ferro-vanadium 78% V min, fob China, $/kg V	27 Jan 2022	37.89 - 38.44	0.00%	Dec 2021	37.78 - 38.52
MB-FEO-0001	Ferro-molybdenum 65% Mo min, in-whs Rotterdam, $/kg Mo	26 Jan 2022	44.7 - 45.3	0.00%	Dec 2021	43.31 - 44.46
MB-FEM-0007	Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	21 Jan 2022	7500 - 7700	1.33%	Dec 2021	6920 - 7060
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, $/dmtu	21 Jan 2022	4.52	0.22%	Dec 2021	4.54
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, $/dmtu	21 Jan 2022	5.46	0.37%	Dec 2021	5.52

Steel news

Seaborne coking coal prices flat; Longwall at Grosvenor mine to recommence in Q1

By Min Li - Thursday 27 January

Seaborne coking coal prices were flat on Thursday January 27 amid quiet markets, while the longwall at Grosvenor mine, owned by Anglo American, was operationally ready for recommencement in the first quarter of 2022, the miner said in its quarterly report.

Fastmarkets indices
Premium hard coking coal, cfr Jingtang: $405.28 per tonne, unchanged

Hard coking coal, cfr Jingtang: $361.18 per tonne, unchanged
Premium hard coking coal, fob DBCT: $445.10 per tonne, unchanged
Hard coking coal, fob DBCT: $391.84 per tonne, unchanged

The fob Australia market was relatively quiet on Thursday, with no bids or offers heard, sources said.

Anglo American said in its fourth-quarter 2021 production report that development activity at Grosvenor metallurgical coal mine progressed well and the longwall was operationally ready for recommencement in the first quarter of 2022.

Mining operations at Grosvenor halted in May 2020 due to an explosion and mine development activities resumed in June 2021.

This will bring more coking coal supply to the market, helping coking coal price corrections, a trading source at a major European steel mill said on Thursday.

In the cfr China market, most traders were holding back from the market ahead the Lunar New Year holiday.

China's domestic coking coal prices remained relatively flat, with some spot deal prices edging down in the week.

Dalian Commodity Exchange
The most-traded May coking coal futures contract closed at 2,278 yuan ($360.15) per tonne on Thursday, up by 74 yuan per tonne.

The most-traded May coke contract closed at 2,962 yuan per tonne, down by 18 yuan per tonne.

Bangladesh, Taiwan secure imported scrap at higher prices

By Paul Lim - Thursday 27 January

Spot prices for steel scrap in Asia continued to increase on Thursday January 27, with higher-value transactions supported by an overwhelmingly bullish outlook among market participants.

- Bangladesh buys bulk HMS cargo
- Taiwanese spot prices continue increase

Bangladesh
Spot prices in Bangladesh have surged for bulk cargoes, although prices for containerized materials remained comparatively stable.

A transaction was heard at $557 per tonne cfr Bangladesh this week for a bulk cargo of HMS 1&2 (80:20) from the United States West Coast, sold to a major steelmaker in Chittagong.

Key market participants estimated that spot prices were about $560 per tonne cfr Bangladesh, with a $10 per tonne premium for shredded materials.

Downstream steel demand remained extremely poor due to the Covid-19 situation, however, with the Omicron variant shutting down business activity and reducing consumption of finished steel products.

Difficulties in opening letters of credits in the Bangladesh market due to a strain on foreign exchange reserves have also dampened business sentiment.

Containerized HMS 1&2 (80:20) cargoes were offered at $530-535 per tonne cfr Bangladesh, although spot activity was limited, sources said.

"Some steelmakers aren't interested in purchasing containerized cargoes at all because of poor downstream steel sales, so not much is happening on the containerized HMS front," a scrap trader in Southeast Asia told Fastmarkets on Thursday.

Containerized shredded scrap on offer at $560-585 per tonne cfr Bangladesh, with transactions heard concluded at $555-562 per tonne cfr Bangladesh.

Spot liquidity was also limited because sellers prefer to wait until after the Lunar New Year holidays in China before returning to the market, Fastmarkets understands.

"The Monday after next, China will be re-opening, so sellers want to wait it out until next week before selling and will re-assess the market once China is back," a scrap trader in south Asia said.

He said that he expects physical spot steel prices in China to rise after the Chinese New Year holiday, which will lead to higher import prices for both billet and scrap cargoes in Asia in February. But he said there was not much material available for offer from the US West Coast at the moment.

"One large Bangladeshi mill is getting increasingly desperate for material, but the US West Coast seems mostly sold out for the next two weeks. And most Asian buyers want a discount to buy mainland EU scrap due to quality issues," he added.

Taiwan
Spot prices have continued to increase in key containerized import market Taiwan, with the latest transactions confirmed at $465 per tonne cfr.

Market sources have disclosed transactions at $458, $460, $462 and $463 per tonne cfr Taiwan earlier this week, with transactions concluded at ever-increasing prices.

The latest offers have risen to $465-470 per tonne cfr Taiwan, against bids at $465 per tonne cfr Taiwan. Sellers are still holding out for higher prices amid the overwhelmingly bullish sentiment in the spot markets.

Fastmarkets' daily assessment for containerized steel scrap, heavy melting scrap 1&2 (80:20 mix), United States material import, cfr main port Taiwan was $465 per tonne on Thursday, increasing by $5 per tonne from $460 per tonne on Wednesday.

Market participants said they expect spot prices to continue rising in the near term, especially with a major South Korean steelmaker increasing its bids for Japanese scrap by ¥500-1,500 ($4.38-13.13) per tonne on Thursday.

Iron ore prices largely steady amid limited trading activity ahead of upcoming holiday

By Alex Theo - Thursday 27 January

Seaborne iron ore prices were largely steady on Thursday January 27 amid limited trading activity ahead of the upcoming week-long Lunar New Year holiday in China, which starts on February 1, market sources told Fastmarkets.

Key drivers
Overall sentiment in the iron ore market was unchanged with demand largely limited following the end of restocking activity by steelmakers in China, sources said.

There were fewer offers in the iron ore seaborne market compared with previous days, and at least two transactions were concluded on the trading platforms, a Xiamen-based analyst said.

Trading activity at Chinese ports was also limited, adding to the weakness in demand for iron ore, the analyst added.

Some participants are anticipating the iron ore market to remain largely quiet amid very limited activity because of the upcoming week-long holiday in China, but many are optimistic about an uptick in demand following the break.

The most-traded May iron ore futures contract on the Dalian Commodity Exchange largely traded sideways on Thursday, ending the day down by 0.9% from its closing price of 776 yuan ($123) per tonne on Wednesday.

The forward-month iron ore swaps contracts on the Singapore Exchange was similarly little changed on Thursday, though did achieve mild gains. By 6:05pm Singapore time, the most-traded March contract had inched up by $0.55 per tonne compared with Wednesday's settlement price of $137.70 per tonne.

Fastmarkets iron ore indices
62% Fe fines, cfr Qingdao: $139.62 per tonne, up $1.12 per tonne

62% Fe low-alumina fines, cfr Qingdao: $145.90 per tonne, down $0.40 per tonne
58% Fe fines high-grade premium, cfr Qingdao: $117.22 per tonne, up $0.30 per tonne
65% Fe Brazil-origin fines, cfr Qingdao: $170.30 per tonne, up $0.50 per tonne
62% Fe fines, fot Qingdao: 906 yuan per wet metric tonne (implied 62% Fe China Port Price: $132.71 per dry tonne), unchanged

Quote of the day
"Sentiment remains the same in the [iron ore] market. Most mills have already completed their re-stocking of inventories, so demand is lacking now. After the Lunar New Year holidays, however, the mills should be back to replenish their inventories," a Singapore-based trader said.

Trades/offers/bids heard in the market
BHP, Globalore, 100,000 tonnes of 62% Fe Mining Area C fines, offered at $132 per tonne cfr China, laycan March 11-20.

Market participant indications
Fastmarkets index for iron ore 62% Fe fines

Newman fines: $136.54-143.31 per tonne cfr China
Jimblebar fines: $112.73-121.13 per tonne cfr China

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

Iron Ore Carajas: $168-173.60 per tonne cfr China

Port prices
Pilbara Blend fines were traded at 897-900 yuan per wmt in Tangshan city on Thursday, compared with 885-890 yuan per wmt on Wednesday.

The latest range is equivalent to about $131-132 per tonne in the seaborne market.

Dalian Commodity Exchange
The most-traded May iron ore futures contract closed at 769 yuan ($122) per tonne on Thursday, down by 7 yuan per tonne from Wednesday's closing price.

Alice Li in Shanghai contributed to this article.

Traders bullish on Chinese HRC export prices after Lunar New Year holiday

By Paul Lim, Zihuan Pan - Thursday 27 January

Trading activity for Chinese hot-rolled coil remained muted in both the domestic and export markets on Thursday January 27, with participants leaving for the upcoming Lunar New Year holiday.

Domestic
Eastern China (Shanghai): 4,920-4,950 yuan ($778-783) per tonne, unchanged

While spot HRC prices were unchanged in quiet pre-holiday conditions, futures prices for the flat steel product saw another volatile trading day on Thursday. The most-traded HRC contract on the Shanghai Futures Exchange jumped to an intraday high of 4,875 yuan per tonne in afternoon trade, before falling to finish the day a tad lower than Wednesday's close.

Data from a local information provider released on Thursday afternoon showed that China's HRC output increased for a fifth straight week this past week.

In the week to Thursday, HRC output in China increased by 63,200 tonnes to 3.23 million tonnes, while inventories held by traders increased by 81,600 tonnes to 2.28 million tonnes, larger than an increase of 4,200 tonnes in the prior week.

Inventory pressure is unlikely to be very hefty after the Lunar New Year holiday, on expectations that blast furnace-based mills will scale back their operations due to the Winter Olympics, which will be held between February 4-20 in Beijing and Zhangjiakou of Hebei province, a Shanghai-based industry analyst said.

Export
Fastmarkets' steel hot-rolled coil index export, fob main port China: $770.61 per tonne, up by $2.19 per tonne

Chinese mills' offers for SS400 HRC exports held at $785-800 per tonne fob China on Thursday, while market participants indicated that mills might be willing to sell at $770-780 per tonne fob China.

Trading activity for Chinese HRC exports remained quiet, meanwhile, with trading houses switching to holiday mode.

Most traders were bullish about export prices after the Lunar New Year holiday, in anticipation of a seasonal demand recovery and supply reductions induced by the Winter Olympics.

Indian steelmakers were heard to have increased their offers for HRC to $800-

830 per tonne cfr Vietnam, while a major Japanese steelmaker hiked its offer again this week to $850-900 per tonne cfr Southeast Asia after increasing it to $800-810 per tonne cfr Vietnam last Friday.

Market sources in Vietnam said they had still received offers at $780 per tonne cfr Vietnam this week, and that many buyers had already started Tet Festival holiday celebrations, resulting thin spot demand this week.

Market chatter
"I'm cautious about the [steel] market after the Lunar New Year holiday, because the widely anticipated demand recovery cannot be verified yet and the price surge before the holiday will add to uncertainty after coming back from the holiday," a Shanghai-based trader said.

Shanghai Futures Exchange
The most-traded May HRC contract closed at 4,795 yuan per tonne on Thursday, down by 10 yuan per tonne from Wednesday's close.

Anglo American's Q4 iron ore output down; met coal production up 5%

By Alice Li, Min Li - Thursday 27 January

A summary of the fourth-quarter 2021 iron ore and metallurgical coal results data released by global mining company Anglo American on Thursday January 27.

Iron ore

- Iron ore production in the fourth quarter of 2021 fell by 7% to 15.1 million tonnes, driven by a 17% decrease at Minas-Rio in Brazil, while at the Kumba mine in South Africa production was in line with 2020 output.
- Full-year iron ore production increased by 3% to 63.81 million tonnes and sales decreased by 1% year on year to 63.28 million tonnes.
- Kumba's fourth-quarter output was limited by higher stock levels at the mine because of the third-party rail system performing at below planned levels earlier in the year, along with the impact of the annual shut-down for rail and port maintenance.
- Total sales from Kumba in the fourth quarter increased due to improved equipment reliability and throughput at Saldanha port.
- Production at Minas Rio primarily fell because of the reduced availability of processing equipment due to unplanned maintenance and heavy rainfall during the quarter.

Iron ore Q4 key figures (wet basis)
(year-on-year percentage changes)
Total iron ore production in Q4: 15.05 million tonnes, down by 7%

Kumba total production: 9.7 million tonnes, flat
Kumba Iron ore lump production: 6.42 million tonnes, down by 3%
Kumba Iron ore fines production: 3.28 million tonnes, up by 5%
Kumba Iron ore sales: 10.69 million tonnes, up by 4%
Minas Rio iron ore production: 5.45 million tonnes, down by 17%
Minas Rio iron ore sales: 6.09 million tonnes, down by 4%

Full-year 2022 iron ore production guidance (wet basis)
Total: 63-67 million tonnes, previously 64.5 million tonnes

Kumba: 39-41 million tonnes, previously 40.5 million tonnes
Minas Rio: 24-26 million tonnes, previously 24 million tonnes

Met Coal

- Anglo American saw a return to pre-Covid production levels at its open-cut metallurgical coal mines in Queensland, Australia in the fourth quarter of 2021.
- The company's met coal production increased by 5% year-on-year, reflecting an increase in production at the Dawson open-cut operation, partially offset by Moranbah which continued to be affected by geological challenges.
- At Grosvenor, development activity progressed well and the longwall was operationally ready for recommencement in the first quarter of 2022, subject to approval from the Queensland regulator.
- The full-year realised average price for hard coking coal in 2021 was $211 per tonne.
- Anglo American completed sale of its 33% interest in the Cerrejón mine in Colombia on 11 January 2022 - the final stage of its exit from thermal coal operations.

Met coal Q4 key figures
(year-on-year percentage changes)

Total production: 4.37 million tonnes, up 5%

Coal production by product
Hard coking coal production: 2.92 million tonnes, down 9%

Pulverized coal injection (PCI)/semi-soft coking coal (SSCC) production: 1.45 million tonnes, up 51%

Coal production by operation
Moranbah: 1.08 million tonnes, down 10%

Grosvenor: 52,100 tonnes, -
Capcoal (including Grasstree): 1.59 million tonnes, down 5%
Dawson: 654,100 tonnes, up 42%
Jellinbah: 802,200 tonnes, down 3%
Other: 190,700 tonnes, -

Coal sales volumes
Total sales volumes: 4.18 million tonnes, down 3%

Hard coking coal sales volumes: 2.79 million tonnes, down 21%
PCI/SSCC sales volumes: 1.39 million tonnes, up 78%

Full-year 2022 met coal production guidance
20-22 million tonnes (subject to the extent of further Covid-19 related disruptions and regulatory approval to restart the Grosvenor longwall mining operations)

China's monthly steel plate exports more than doubled in December

By Zihuan Pan - Thursday 27 January

Steel plate exports from China more than doubled, on both a monthly and yearly basis in December 2021, after a price downtrend that began in late October.

The country exported 71,682 tonnes of steel plate last month, up by 101% from November and by 102% compared with December 2020, according to data from China's customs authority. It was the highest monthly export figure of 2021.

"Chinese plate prices kicked off a downtrend in late October, following the [introduction of official] measures to rein in soaring coal prices. That boosted plate exports," a Shanghai-based industry analyst said.

Fastmarkets' weekly price assessment for steel heavy plate, export, fob China main port was $780-815 per tonne on January 25, down by $115-135 per tonne from $915-930 per tonne on October 26.

CHINA STEEL EXPORTS
(tonnes)

	December 2021	December 2020	% Change
Hot-rolled coil	312,816	688,302	▼55%
Cold-rolled coil	181,895	223,531	▼19%
Hot-dipped galvanized coil	697,571	480,045	▲45%
Plate	71,682	35,477	▲102%
Steel bar & rod	124,924	239,082	▼48%
Wire rod	63,658	314,125	▼80%

Source: General Administration of Customs, China

TOP BUYERS OF CHINESE HOT-ROLLED COIL
(tonnes)

Country/region	Quantity
Vietnam	131,734
Pakistan	53,353
South Korea	17,480
The United Arab Emirates	15,849
Bangladesh	13,069

Source: General Administration of Customs, China

TOP BUYERS OF CHINESE HOT-DIPPED GALVANIZED COIL
(tonnes)

Country/region	Quantity
Thailand	140,528
South Korea	46,892
The Philippines	33,418
Brazil	27,082
Ecuador	24,498

Source: General Administration of Customs, China

TOP BUYERS OF CHINESE BAR & ROD
(tonnes)

Country/region	Quantity
Chile	23,813
Indonesia	13,765
South Korea	12,101
Belgium	10,226
Thailand	6,112

Source: General Administration of Customs, China

China's exports of other finished steel, including hot-rolled coil, hot-dipped galvanized coil and rebar, also increased month on month in December, according to the latest Chinese customs data.

China's imports of HRC slumped in December, with only 61,705 tonnes imported last month - a 78% year-on-year decline and down by 72% from November's tota.

Steel billet imports fell by 56% from a 14-month high in November to 595,016 tonnes in December.

CHINA STEEL IMPORTS
(tonnes)

	December 2021	December 2020	% Change
Hot-rolled coil	61,705	281,670	▼78%
Billet	595,016	435,501	▲37%
Slab	268,867	265,084	▲1%

Source: General Administration of Customs, China

TOP SUPPLIERS OF HOT-ROLLED COIL TO CHINA
(tonnes)

Origin	Quantity
Japan	41,328
South Korea	9,746
Germany	4,874
Kazakhstan	1,953
Taiwan, China	1,949

Source: General Administration of Customs, China

TOP SUPPLIERS OF SLAB TO CHINA
(tonnes)

Origin	Quantity
Russia	113,340
Indonesia	50,272
Oman	38,480
India	25,920
The United Arab Emirates	20,105

Source: General Administration of Customs, China

TOP SUPPLIERS OF BILLET TO CHINA
(tonnes)

Origin	Quantity
Oman	114,922
The United Arab Emirates	109,880
Ukraine	109,798
India	92,175
Brazil	49,109

Source: General Administration of Customs, China

Note: In 2021, China changed the tax rebate for certain exports and the tariff for certain imports of steel products from May 1 and August 1. Fastmarkets has adjusted its coverage of data to reflect this.

The Harmonized System (HS) codes
Billet: 72071100

Slab: 72071200
Hot-rolled coil: 72082500, 72082690, 72082710, 72082790, 72083600, 72083700, 72083810, 72083890, 72083910, 72083990, 72253000
Steel bar and rod: 72142000, 72283010, 72283090
Cold-rolled coil: 72091510, 72091590, 72091690, 72091790, 72091810, 72091890
Plate: 72259990, 72089000, 72111400
Hot-rolled galvanized coil: 72104900, 72109000, 72259200
Wire rod: 72279090, 72279010, 72139900, 72139100, 72272000

China's spot rebar prices steady despite volatile futures

By Zihuan Pan - Thursday 27 January

Spot rebar prices in China's domestic market held steady on Thursday January 27, and futures prices for the long steel product experienced another choppy trading day.

Domestic
Eastern China (Shanghai): 4,700-4,730 yuan ($743-748) per tonne, unchanged

The spot market remained muted in the run-up to the Lunar New Year, with downstream users and trading houses kicking off their holidays, a Shanghai-based trader said. Smaller traders exited the market earlier, given the approaching holiday and sporadic COVID-19 outbreaks in the country.

The most-traded May rebar contract on the Shanghai Futures Exchange jumped to an intraday high of 4,757 yuan per tonne in afternoon trade on Thursday before it reversed all these gains to finish the day slightly lower than the previous day's close.

A local information provider reported Thursday afternoon that rebar inventories held by mills and traders in China surged by 1.13 million tonnes in the week to January 27, to 7.09 million tonnes, much larger than the increase of 453,600 tonnes in the previous week.

The steel market is weak both in supply and demand, but market outlook for demand recovery from the seasonal lull remains bullish given the central authorities' pledge to facilitate stable economic growth, Baocheng Futures said in its daily report.

Market chatter
"Despite the sharp increase in overall rebar inventories this week, we don't see strong inventory pressure given the low production. Short-process mills have suspended operations for holidays or maintenance, while long-process mills increased their output," a Shanghai-based industry analyst said on the weekly industry data.

Billet
As of 3pm in Shanghai, billet was being traded at 4,480 yuan per tonne including value-added tax in Tangshan, unchanged from Wednesday.

Shanghai Futures Exchange
The most-traded May rebar futures contract closed at 4,673 yuan per tonne on Thursday, down by 21 yuan per tonne from Wednesday's close.

Major Japanese producer to raise April, May offers for steel plate

By Min Li - Thursday 27 January

A major Japanese steel producer will raise its offer price for April- and May-shipment steel heavy plate on positive expectations for demand, as well as increasing prices for steelmaking raw materials.

It will offer plate at $950 per tonne cfr Southeast Asia, a seller source close to the mill told Fastmarkets on Tuesday January 25.

This is due to a number of factors, including expectations of stable demand for steel plate in East Asia, especially from the shipbuilding and construction machinery sectors.

Moreover, other Asian countries such as Vietnam had rolled out their economic stimulus packages to boost growth in 2022, promising a bullish market.

Rising prices for steelmaking raw materials, especially iron ore and coking coal, also prompted the steelmaker to raise its plate price.

Fastmarkets' index for premium hard coking coal, fob DBCT was $445.10 per tonne on January 26, up by 27.4% from $349.50 per tonne a month earlier.

Meanwhile, Fastmarkets' index for iron ore 62% Fe fines, cfr Qingdao was $138.50 per tonne on January 26, up by 12.4% from $123.18 per tonne on December 27, 2021.

The source also expects China's domestic demand for plate to increase after the Lunar New Year due to a seasonal recovery. This, coupled with possible production curbs in northern China ahead of the 2022 Beijing Winter Olympics in February, is expected to support Chinese plate prices.

Steel mills in China have either raised their offer prices for March/April-shipment plate following the increase in domestic plate prices or stopped accepting orders amid the approaching January 31-February 6 Lunar New Year break.

Fastmarkets' weekly price assessment for steel heavy plate export, fob China main port was $780-815 per tonne on Tuesday January 25, up by $10-25 per tonne from $770-790 per tonne a week earlier.

Fastmarkets' weekly price assessment for steel plate domestic, delivered whs Eastern China was 4,950-4,990 yuan ($781-788) per tonne last Friday January 21, up by 30-40 yuan per tonne from a week earlier.

Key steel coil prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0444	Steel hot-rolled coil import, cfr main port India, $/tonne	21 Jan 2022	780 - 790	0.00%	Dec 2021	798 - 803
MB-STE-0442	Steel hot-rolled coil (commodity) export, fob main port India, $/tonne	21 Jan 2022	750 - 800	6.53%	Dec 2021	750 - 779
MB-STE-0436	Steel hot-rolled coil domestic, ex-whse India, rupees/tonne	21 Jan 2022	64000 - 65000	0.00%	Dec 2021	65800 - 66550
MB-STE-0144	Steel hot-rolled coil index export, fob main port China, $/tonne	27 Jan 2022	770.61	0.29%	Dec 2021	772.92
MB-STE-0154	Steel hot-rolled coil domestic, ex-whs Eastern China, yuan/tonne	27 Jan 2022	4920 - 4950	0.00%	Dec 2021	4853.48 - 4889.57
MB-STE-0158	Steel hot-rolled coil domestic, exw Northern China, yuan/tonne	21 Jan 2022	4770 - 4790	0.95%	Dec 2021	4716 - 4742
MB-STE-0139	Steel hot-rolled coil import, cfr Vietnam, $/tonne	21 Jan 2022	750 - 760	0.00%	Dec 2021	780 - 785

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0435	Steel cold-rolled coil domestic, ex-whse India, rupees/tonne	21 Jan 2022	68500 - 69500	0.00%	Dec 2021	71800 - 72800
MB-STE-0443	Steel cold-rolled coil import, cfr main port India, $/tonne	21 Jan 2022	820 - 825	0.00%	Dec 2021	835 - 847
MB-STE-0153	Steel cold-rolled coil domestic, delivered Eastern China domestic, yuan/tonne	21 Jan 2022	5400 - 5450	-0.09%	Dec 2021	5444 - 5500
MB-STE-0145	Steel cold-rolled coil export, fob China main port, $/tonne	25 Jan 2022	850 - 860	1.48%	Dec 2021	846.25 - 860
MB-STE-0434	Steel hot-dipped galvanized coil domestic, ex-whse India, rupees/tonne	21 Jan 2022	75500 - 77000	1.67%	Dec 2021	78200 - 80000
MB-STE-0021	Steel hot-dipped galvanized coil domestic, ex-whs Eastern China, yuan/tonne	21 Jan 2022	5650 - 5700	0.00%	Dec 2021	5646 - 5698
MB-STE-0441	Steel hot-dipped galvanized coil export, fob main port India, $/tonne	21 Jan 2022	990 - 1000	0.00%	Dec 2021	1024 - 1048
MB-STE-0009	Steel galvanized coil 1mm export, fob main port China, $/tonne	25 Jan 2022	900 - 920	1.06%	Dec 2021	898.75 - 920

Ferrous scrap prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0874	Steel scrap H2 export, fob main port Japan, ¥/tonne	26 Jan 2022	51000 - 52000	0.49%	Dec 2021	47700 - 49100
MB-STE-0877	Steel scrap heavy scrap (HS) export, fob main port Japan, ¥/tonne	26 Jan 2022	59500 - 60000	1.27%	Dec 2021	56100 - 58100
MB-STE-0875	Steel scrap shredded export, fob main port Japan, ¥/tonne	26 Jan 2022	58000 - 58500	3.10%	Dec 2021	52400 - 54000
MB-STE-0876	Steel scrap Shindachi bara export, fob main port Japan, ¥/tonne	26 Jan 2022	57500 - 60000	0.00%	Dec 2021	58000 - 59300
MB-STE-0464	Steel scrap HMS 1&2 (80:20 mix) US material import, cfr main port Taiwan, $/tonne	27 Jan 2022	465	1.09%	Dec 2021	446.83 - 449.43
MB-STE-0421	Steel scrap shredded, index, import, cfr Nhava Sheva, India $/tonne	25 Jan 2022	540	0.00%	Dec 2021	529.46
MB-STE-0413	Steel scrap HMS 1&2 (80:20 mix) import, cfr Nhava Sheva, India, $/tonne	21 Jan 2022	465 - 480	0.00%	Dec 2021	444 - 458
MB-STE-0878	Steel scrap H2 Japan-origin import, cfr Vietnam, $/tonne	21 Jan 2022	500 - 505	0.50%	Dec 2021	488 - 490
MB-STE-0783	Steel scrap HMS 1&2 (80:20), cfr Vietnam, $/tonne	21 Jan 2022	530	0.00%	Dec 2021	515 - 518
MB-STE-0879	Steel scrap H2 Japan origin import, cfr main port South Korea, ¥/tonne	21 Jan 2022	54500 - 55500	2.33%	Dec 2021	50600 - 51900
MB-STE-0881	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr Bangladesh, $/tonne	27 Jan 2022	557 - 560	3.43%	Dec 2021	526 - 541
MB-STE-0880	Steel scrap HMS 1&2 (80:20) deep-sea origin import, cfr South Korea, $/tonne	21 Jan 2022	523 - 530	0.29%	Dec 2021	500 - 506

Base metals premiums

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

Alumina index, aluminium premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ALU-0002	Alumina index, fob Australia, $/tonne	27 Jan 2022	359.96	0.36%	Dec 2021	356.24
MB-AL-0329	Aluminium P1020A premium, cif Taiwan, $/tonne	25 Jan 2022	160 - 185	-4.17%	Dec 2021	167.5 - 200
MB-AL-0001	Aluminium P1020A (MJP) quarterly premium, cif Japan, $/tonne	07 Jan 2022	177	-18.62%	Dec 2021	215 - 220
MB-AL-0343	Aluminium P1020A (MJP) spot premium, cif Japan, $/tonne	25 Jan 2022	155 - 175	-2.94%	Dec 2021	161.67 - 180
MB-AL-0328	Aluminium P1020A premium, bonded in-whs, Shanghai, $/tonne	25 Jan 2022	60 - 90	15.38%	Dec 2021	50 - 80
MB-AL-0345	Aluminium P1020A premium, cif Shanghai, $/tonne	25 Jan 2022	60 - 80	16.67%	Dec 2021	50 - 70
MB-AL-0307	Aluminium P1020A premium, fca South Korea, $/tonne	25 Jan 2022	185 - 195	5.56%	Dec 2021	175 - 185
MB-AL-0344	Aluminium P1020A premium, cif South Korea, $/tonne	25 Jan 2022	170 - 180	0.00%	Dec 2021	160 - 170
MB-AL-0316	Aluminium P1020A premium, fca dp Italy, $/tonne	25 Jan 2022	510 - 530	1.96%	Dec 2021	377.5 - 396.25
MB-AL-0346	Aluminium P1020A premium, in-whs dup Rotterdam, $/tonne	27 Jan 2022	360 - 370	0.00%	Dec 2021	250.24 - 266.43
MB-AL-0004	Aluminium P1020A premium, in-whs dp Rotterdam, $/tonne	25 Jan 2022	445 - 475	0.00%	Dec 2021	321.11 - 345
MB-AL-0319	Aluminium P1020A premium, fca dp Spain, $/tonne	25 Jan 2022	490 - 500	0.00%	Dec 2021	382.5 - 397.5
MB-AL-0337	Aluminium P1020A premium, cif dup Turkey, $/tonne	25 Jan 2022	350 - 360	2.90%	Dec 2021	295 - 310
MB-AL-0020	Aluminium P1020A premium, ddp Midwest US, US cents/lb	25 Jan 2022	34 - 35	4.55%	Dec 2021	27.22 - 29.78
MB-AL-0021	Aluminium P1020A premium, delivered Sao Paulo region, $/tonne	25 Jan 2022	400 - 450	0.00%	Dec 2021	375 - 425
MB-AL-0022	Aluminium P1020A premium, cif dup Brazilian main ports, $/tonne	25 Jan 2022	420 - 450	10.13%	Dec 2021	380 - 400
MB-AL-0381	Aluminium low-carbon differential P1020A, Europe, $/tonne	07 Jan 2022	0 - 10	0.00%	Dec 2021	0 - 10
MB-AL-0377	Aluminium P1020A premium, in-whs dup Rotterdam, inferred low-carbon midpoint, $/tonne	27 Jan 2022	370	0.00%	Dec 2021	263.33
MB-AL-0378	Aluminium P1020A premium, in-whs dp Rotterdam, inferred low-carbon midpoint, $/tonne	25 Jan 2022	465	0.00%	Dec 2021	338.06

Copper premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0386	Copper grade A cathode premium, cif Taiwan, $/tonne	25 Jan 2022	85 - 95	9.09%	Dec 2021	75 - 90
MB-CU-0405	Copper grade A cathode premium, in-whs Shanghai, $/tonne	27 Jan 2022	50 - 72	0.00%	Dec 2021	84.52 - 104.9
MB-CU-0383	Copper grade A cathode ER premium, bonded in-whs Shanghai, $/tonne	27 Jan 2022	62 - 72	0.00%	Dec 2021	94.52 - 104.9
MB-CU-0382	Copper grade A cathode SX-EW premium, bonded in-whs Shanghai, $/tonne	27 Jan 2022	50 - 60	0.00%	Dec 2021	84.52 - 93.67
MB-CU-0403	Copper grade A cathode premium, cif Shanghai, $/tonne	27 Jan 2022	45 - 68	0.00%	Dec 2021	75.24 - 94.62
MB-CU-0380	Copper grade A cathode ER premium, cif Shanghai, $/tonne	27 Jan 2022	58 - 68	0.00%	Dec 2021	84.14 - 94.62
MB-CU-0384	Copper grade A cathode SX-EW premium, cif Shanghai, $/tonne	27 Jan 2022	45 - 55	0.00%	Dec 2021	75.24 - 81.81
MB-CU-0399	Copper grade A cathode premium, cif Southeast Asia, $/tonne	25 Jan 2022	85 - 95	5.88%	Dec 2021	80 - 90
MB-CU-0404	Copper grade A cathode premium, cif South Korea, $/tonne	25 Jan 2022	75 - 85	0.00%	Dec 2021	75 - 85
MB-CU-0372	Copper grade A cathode premium, delivered Germany, $/tonne	25 Jan 2022	100 - 130	-4.17%	Dec 2021	80 - 90
MB-CU-0406	Copper grade A cathode premium, cif Leghorn, $/tonne	25 Jan 2022	90 - 95	2.78%	Dec 2021	75 - 90

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0369	Copper grade A cathode premium, cif Rotterdam, $/tonne	25 Jan 2022	50 - 60	0.00%	Dec 2021	45 - 55
MB-CU-0002	Copper grade 1 cathode premium, ddp Midwest US, US cents/lb	25 Jan 2022	8 - 10	0.00%	Dec 2021	8 - 10
MB-CU-0411	Copper EQ cathode premium, cif Europe, $/tonne	25 Jan 2022	20 - 30	0.00%	Dec 2021	20 - 30
MB-CU-0412	Copper EQ cathode premium, cif Shanghai, $/tonne	25 Jan 2022	(30) - (20)		Dec 2021	5 - 20

Lead premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-PB-0084	Lead 99.97% ingot premium, cif Taiwan, $/tonne	25 Jan 2022	100 - 120	0.00%	Dec 2021	100 - 115
MB-PB-0083	Lead 99.99% ingot premium, cif Taiwan, $/tonne	25 Jan 2022	140 - 150	0.00%	Dec 2021	135 - 145
MB-PB-0087	Lead 99.97% ingot premium, cif India, $/tonne	18 Jan 2022	50 - 130	0.00%	Dec 2021	50 - 130
MB-PB-0086	Lead 99.99% ingot premium, cif India, $/tonne	18 Jan 2022	140 - 150	0.00%	Dec 2021	140 - 150
MB-PB-0107	Lead 99.97% ingot premium, cif Southeast Asia, $/tonne	18 Jan 2022	80 - 110	0.00%	Dec 2021	80 - 110
MB-PB-0108	Lead 99.99% ingot premium, cif Southeast Asia, $/tonne	18 Jan 2022	125 - 145	0.00%	Dec 2021	125 - 145
MB-PB-0099	Lead 99.99% ingot premium, delivered Midwest US, US cents/lb	25 Jan 2022	19 - 22	0.00%	Dec 2021	18 - 20.5
MB-PB-0006	Lead 99.97% ingot premium, ddp Midwest US, US cents/lb	25 Jan 2022	18 - 20	0.00%	Dec 2021	16 - 19

Tin premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SN-0038	Tin 99.9% ingot premium, cif Taiwan, $/tonne	25 Jan 2022	350 - 500	0.00%	Dec 2021	325 - 450
MB-SN-0002	Tin 99.9% ingot premium, in-whs Rotterdam, $ per tonne	25 Jan 2022	1000 - 1300	-4.17%	Dec 2021	1050 - 1400
MB-SN-0029	Tin 99.9% low lead ingot premium, in-whs Rotterdam, $/tonne	25 Jan 2022	1500 - 1800	-5.71%	Dec 2021	1500 - 2000
MB-SN-0036	Tin 99.85% ingot premium, in-whs Baltimore, $/tonne	25 Jan 2022	1900 - 2200	0.00%	Dec 2021	1900 - 2200
MB-SN-0011	Tin grade A min 99.85% ingot premium, ddp Midwest US, $/tonne	25 Jan 2022	2100 - 2500	0.00%	Dec 2021	2100 - 2500

Zinc premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-ZN-0116	Zinc SHG 99.995% ingot premium, cif Taiwan $/tonne	25 Jan 2022	160 - 165	4.84%	Dec 2021	150 - 160
MB-ZN-0106	Zinc SHG min 99.995% ingot premium, cif Shanghai, $/per tonne	25 Jan 2022	80 - 90	0.00%	Dec 2021	77.5 - 87.5
MB-ZN-0119	Zinc min 99.995% ingot premium, in-whs Shanghai, $/tonne	25 Jan 2022	80 - 90	0.00%	Dec 2021	77.5 - 87.5
MB-ZN-0113	Zinc SHG 99.995% ingot premium, fca Singapore, $/per tonne	25 Jan 2022	120 - 140	-10.34%	Dec 2021	140 - 155
MB-ZN-0115	Zinc SHG 99.995% ingot premium, fca Malaysia, $/per tonne	25 Jan 2022	120 - 140	-10.34%	Dec 2021	140 - 155
MB-ZN-0093	Zinc SHG min 99.995% ingot premium, cif Southeast Asia, $/tonne	25 Jan 2022	140 - 150	-4.92%	Dec 2021	145 - 160
MB-ZN-0001	Zinc SHG min 99.995% ingot premium, dp fca Rotterdam, $/tonne	25 Jan 2022	320 - 380	2.94%	Dec 2021	260 - 290
MB-ZN-0099	Zinc SHG min 99.995% ingot premium, dp fca Antwerp, $/tonne	25 Jan 2022	320 - 380	2.94%	Dec 2021	260 - 290
MB-ZN-0103	Zinc SHG min 99.995% ingot premium, fca dp Italy, $/tonne	25 Jan 2022	350 - 380	0.00%	Dec 2021	350 - 380
MB-ZN-0102	Zinc SHG min 99.995% ingot premium, ddp Italy, $/per tonne	25 Jan 2022	380 - 420	0.00%	Dec 2021	380 - 420
MB-ZN-0005	Zinc SHG min 99.995% ingot premium, ddp Midwest US, US cents/lb	25 Jan 2022	20 - 24	7.32%	Dec 2021	15 - 19

Nickel premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-NI-0245	Nickel min 99.8% briquette premium, cif Shanghai, $/tonne	25 Jan 2022	400 - 500	0.00%	Dec 2021	400 - 500
MB-NI-0143	Nickel min 99.8% full plate premium, in-whs Shanghai, $/tonne	25 Jan 2022	360 - 380	2.07%	Dec 2021	325 - 352.5
MB-NI-0142	Nickel min 99.8% full plate premium, cif Shanghai, $/tonne	25 Jan 2022	340 - 370	4.41%	Dec 2021	305 - 335
MB-NI-0003	Nickel uncut cathode premium, in-whs Rotterdam, $/tonne	25 Jan 2022	70 - 90	0.00%	Dec 2021	70 - 90
MB-NI-0001	Nickel 4x4 cathode premium, in-whs Rotterdam, $/tonne	25 Jan 2022	220 - 290	0.00%	Dec 2021	220 - 290
MB-NI-0002	Nickel briquette premium, in-whs Rotterdam, $/tonne	25 Jan 2022	150 - 200	0.00%	Dec 2021	150 - 170
MB-NI-0240	Nickel 4x4 cathode premium, delivered Midwest US, US cents/lb	25 Jan 2022	55 - 65	0.00%	Dec 2021	55 - 63.75
MB-NI-0241	Nickel briquette premium, delivered Midwest US, US cents/lb	25 Jan 2022	75 - 90	6.45%	Dec 2021	67.5 - 90

Base metals warrant premiums

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-AL-0334	Aluminium P1020A, warrant premium, in-whs East Asia, $/tonne	26 Jan 2022	60 - 80	0.00%	Dec 2021	40 - 66
MB-AL-0333	Aluminium P1020A warrant premium, in-whs Southeast Asia, $/tonne	26 Jan 2022	55 - 80	-3.57%	Dec 2021	40 - 62
MB-AL-0338	Aluminium P1020A warrant premium, in-whs US, $/tonne	26 Jan 2022	115 - 125	0.00%	Dec 2021	115 - 125
MB-CU-0398	Copper grade A cathode warrant premium, in-whs East Asia $/tonne	26 Jan 2022	10 - 20	0.00%	Dec 2021	13 - 23
MB-CU-0397	Copper grade A cathode warrant premium, in-whs Southeast Asia, $/tonne	26 Jan 2022	35 - 60	0.00%	Dec 2021	13 - 24
MB-CU-0400	Copper grade A cathode warrant premium, in-whs North Europe, $/tonne	26 Jan 2022	10 - 20	100.00%	Dec 2021	5 - 10
MB-CU-0401	Copper grade A cathode warrant premium, in-whs South Europe, $/tonne	26 Jan 2022	15 - 25	0.00%	Dec 2021	15 - 25
MB-CU-0377	Copper grade A cathode warrant premium, in-whs US, $/tonne	26 Jan 2022	10 - 25	0.00%	Dec 2021	10 - 25
MB-PB-0106	Lead min 99.97% ingot warrant premium, in-whs East Asia $/tonne	26 Jan 2022	5 - 20	0.00%	Dec 2021	5 - 20
MB-PB-0105	Lead min 99.97% ingot warrant premium, in-whs Southeast Asia $/tonne	26 Jan 2022	5 - 20	0.00%	Dec 2021	5 - 20
MB-PB-0109	Lead 99.97% ingot warrant premium, in-whs North Europe, $/tonne	26 Jan 2022	30 - 50	0.00%	Dec 2021	24 - 42
MB-PB-0110	Lead 99.97% ingot warrant premium, in-whs South Europe, $/tonne	26 Jan 2022	30 - 50	0.00%	Dec 2021	24 - 38
MB-PB-0097	Lead 99.97% ingot warrant premium, in-whs US, $/tonne	26 Jan 2022	20 - 30	0.00%	Dec 2021	20 - 30
MB-NI-0138	Nickel min 99.8% briquette warrant premium, in-whs Southeast Asia, $/tonne	26 Jan 2022	50 - 60	0.00%	Dec 2021	50 - 60
MB-NI-0140	Nickel min 99.8% briquette warrant premium, in-whs East Asia, $/tonne	26 Jan 2022	50 - 60	0.00%	Dec 2021	50 - 60
MB-NI-0137	Nickel min 99.8% full plate warrant premium, in-whs Southeast Asia, $/tonne	26 Jan 2022	30 - 45	0.00%	Dec 2021	30 - 45
MB-NI-0139	Nickel min 99.8% full plate warrant premium, in-whs East Asia, $/tonne	26 Jan 2022	30 - 45	0.00%	Dec 2021	30 - 43
MB-NI-0141	Nickel min 99.8% warrant premium, in-whs North Europe, $/tonne	26 Jan 2022	50 - 200	11.11%	Dec 2021	38 - 157
MB-SN-0042	Tin min 99.85% ingot warrant premium, in-whs South East Asia, $/tonne	26 Jan 2022	50 - 100	0.00%	Dec 2021	50 - 150
MB-ZN-0117	Zinc SHG min 99.995% warrant premium, in-whs North Europe, $/tonne	26 Jan 2022	80 - 100	0.00%	Dec 2021	80 - 100
MB-ZN-0104	Zinc SHG min 99.995% warrant premium, in-whs US, $/per tonne	26 Jan 2022	10 - 15	0.00%	Dec 2021	10 - 15
MB-ZN-0123	Zinc SHG min 99.995% warrant premium, in-whs Southeast Asia, $/tonne	26 Jan 2022	10 - 20	0.00%	Dec 2021	10 - 20

Coking coal/coke markets

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

Coking coal/coke/PCI news

Seaborne coking coal prices flat; Longwall at Grosvenor mine to recommence in Q1

By Min Li - Thursday 27 January

Seaborne coking coal prices were flat on Thursday January 27 amid quiet markets, while the longwall at Grosvenor mine, owned by Anglo American, was operationally ready for recommencement in the first quarter of 2022, the miner said in its quarterly report.

Fastmarkets indices
Premium hard coking coal, cfr Jingtang: $405.28 per tonne, unchanged

Hard coking coal, cfr Jingtang: $361.18 per tonne, unchanged
Premium hard coking coal, fob DBCT: $445.10 per tonne, unchanged
Hard coking coal, fob DBCT: $391.84 per tonne, unchanged

The fob Australia market was relatively quiet on Thursday, with no bids or offers heard, sources said.

Anglo American said in its fourth-quarter 2021 production report that development activity at Grosvenor metallurgical coal mine progressed well and the longwall was operationally ready for recommencement in the first quarter of 2022.

Mining operations at Grosvenor halted in May 2020 due to an explosion and mine development activities resumed in June 2021.

This will bring more coking coal supply to the market, helping coking coal price corrections, a trading source at a major European steel mill said on Thursday.

In the cfr China market, most traders were holding back from the market ahead the Lunar New Year holiday.

China's domestic coking coal prices remained relatively flat, with some spot deal prices edging down in the week.

Dalian Commodity Exchange
The most-traded May coking coal futures contract closed at 2,278 yuan ($360.15) per tonne on Thursday, up by 74 yuan per tonne.

The most-traded May coke contract closed at 2,962 yuan per tonne, down by 18 yuan per tonne.

Anglo American's Q4 iron ore output down; met coal production up 5%

By Alice Li, Min Li - Thursday 27 January

A summary of the fourth-quarter 2021 iron ore and metallurgical coal results data released by global mining company Anglo American on Thursday January 27.

Iron ore

- Iron ore production in the fourth quarter of 2021 fell by 7% to 15.1 million tonnes, driven by a 17% decrease at Minas-Rio in Brazil, while at the Kumba mine in South Africa production was in line with 2020 output.
- Full-year iron ore production increased by 3% to 63.81 million tonnes and sales decreased by 1% year on year to 63.28 million tonnes.
- Kumba's fourth-quarter output was limited by higher stock levels at the mine because of the third-party rail system performing at below planned levels earlier in the year, along with the impact of the annual shut-down for rail and port maintenance.
- Total sales from Kumba in the fourth quarter increased due to improved equipment reliability and throughput at Saldanha port.
- Production at Minas Rio primarily fell because of the reduced availability of processing equipment due to unplanned maintenance and heavy rainfall during the quarter.

Iron ore Q4 key figures (wet basis)
(*year-on-year percentage changes*)
Total iron ore production in Q4: 15.05 million tonnes, down by 7%

Kumba total production: 9.7 million tonnes, flat
Kumba Iron ore lump production: 6.42 million tonnes, down by 3%
Kumba Iron ore fines production: 3.28 million tonnes, up by 5%
Kumba Iron ore sales: 10.69 million tonnes, up by 4%
Minas Rio iron ore production: 5.45 million tonnes, down by 17%
Minas Rio iron ore sales: 6.09 million tonnes, down by 4%

Full-year 2022 iron ore production guidance (wet basis)
Total: 63-67 million tonnes, previously 64.5 million tonnes

Kumba: 39-41 million tonnes, previously 40.5 million tonnes
Minas Rio: 24-26 million tonnes, previously 24 million tonnes

Met Coal

- Anglo American saw a return to pre-Covid production levels at its open-cut metallurgical coal mines in Queensland, Australia in the fourth quarter of 2021.
- The company's met coal production increased by 5% year-on-year, reflecting an increase in production at the Dawson open-cut operation, partially offset by Moranbah which continued to be affected by geological challenges.
- At Grosvenor, development activity progressed well and the longwall was operationally ready for recommencement in the first quarter of 2022, subject to approval from the Queensland regulator.
- The full-year realised average price for hard coking coal in 2021 was $211 per tonne.
- Anglo American completed sale of its 33% interest in the Cerrejón mine in Colombia on 11 January 2022 - the final stage of its exit from thermal coal operations.

Met coal Q4 key figures
(*year-on-year percentage changes*)

Total production: 4.37 million tonnes, up 5%

Coal production by product
Hard coking coal production: 2.92 million tonnes, down 9%

Pulverized coal injection (PCI)/semi-soft coking coal (SSCC) production: 1.45 million tonnes, up 51%

Coal production by operation
Moranbah: 1.08 million tonnes, down 10%

Grosvenor: 52,100 tonnes, -
Capcoal (including Grasstree): 1.59 million tonnes, down 5%
Dawson: 654,100 tonnes, up 42%
Jellinbah: 802,200 tonnes, down 3%
Other: 190,700 tonnes, -

Coal sales volumes
Total sales volumes: 4.18 million tonnes, down 3%

Hard coking coal sales volumes: 2.79 million tonnes, down 21%
PCI/SSCC sales volumes: 1.39 million tonnes, up 78%

Full-year 2022 met coal production guidance
20-22 million tonnes (subject to the extent of further Covid-19 related disruptions and regulatory approval to restart the Grosvenor longwall mining operations)

Major Japanese producer to raise April, May offers for steel plate

By Min Li - Thursday 27 January

A major Japanese steel producer will raise its offer price for April- and May-shipment steel heavy plate on positive expectations for demand, as well as increasing prices for steelmaking raw materials.

It will offer plate at $950 per tonne cfr Southeast Asia, a seller source close to the mill told Fastmarkets on Tuesday January 25.

This is due to a number of factors, including expectations of stable demand for steel plate in East Asia, especially from the shipbuilding and construction machinery sectors.

Moreover, other Asian countries such as Vietnam had rolled out their economic stimulus packages to boost growth in 2022, promising a bullish market.

Rising prices for steelmaking raw materials, especially iron ore and coking coal, also prompted the steelmaker to raise its plate price.

Fastmarkets' index for premium hard coking coal, fob DBCT was $445.10 per tonne on January 26, up by 27.4% from $349.50 per tonne a month earlier.

Meanwhile, Fastmarkets' index for iron ore 62% Fe fines, cfr Qingdao was $138.50 per tonne on January 26, up by 12.4% from $123.18 per tonne on December 27, 2021.

The source also expects China's domestic demand for plate to increase after the Lunar New Year due to a seasonal recovery. This, coupled with possible production curbs in northern China ahead of the 2022 Beijing Winter Olympics in February, is expected to support Chinese plate prices.

Steel mills in China have either raised their offer prices for March/April-shipment plate following the increase in domestic plate prices or stopped accepting orders amid the approaching January 31-February 6 Lunar New Year break.

Fastmarkets' weekly price assessment for steel heavy plate export, fob China main port was $780-815 per tonne on Tuesday January 25, up by $10-25 per tonne from $770-790 per tonne a week earlier.

Fastmarkets' weekly price assessment for steel plate domestic, delivered whs Eastern China was 4,950-4,990 yuan ($781-788) per tonne last Friday January 21, up by 30-40 yuan per tonne from a week earlier.

Coking coal/coke/PCI prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-COA-0003	Premium hard coking coal, fob DBCT, $/dmt	27 Jan 2022	445.1	0.00%	Dec 2021	340.4
MB-COA-0005	Premium hard coking coal, cfr Jingtang, $/dmt	27 Jan 2022	405.28	0.00%	Dec 2021	355.52
MB-COA-0004	Hard coking coal, fob DBCT, $/dmt	27 Jan 2022	391.84	0.00%	Dec 2021	287.44
MB-COA-0002	Hard coking coal, cfr Jingtang, $/dmt	27 Jan 2022	361.18	0.00%	Dec 2021	325.14
MB-COA-0001	Hard coking coal domestic China spot market, Shanxi-origin, delivered Tangshan, yuan/tonne	24 Jan 2022	2675 - 3040	0.00%	Dec 2021	2175 - 2692
MB-COA-0008	PCI low-vol, fob DBCT, $/dmt	21 Jan 2022	290.1	16.00%	Dec 2021	235.28
MB-COA-0007	PCI low-vol, cfr Jingtang, $/dmt	21 Jan 2022	287.18	1.64%	Dec 2021	218.74
MB-COA-0006	Coke 65% CSR, fob China, $/tonne	25 Jan 2022	560 - 580	-5.39%	Dec 2021	497.5 - 526.25

Copper raw materials

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

Copper concentrate news

Chile's senate commission approves bill to tax copper output, profits

By Julian Luk, Renato Rostás - Thursday 27 January

Chile's new mining royalty bill, intended to impose a new tax on both copper sales and profits, cleared a further hurdle on Thursday January 27 despite strong industry opposition.

The bill, which has been approved by the senate's mining and energy commission, will add extra sales tax on miners in Chile, the world's biggest copper producer and home to the Escondida and Collahuasi operations.

Under the modified bill, projects producing less than 200,000 tonnes per year would pay a 1% tax on gross sales. For mining units larger than that, the rate would be variable at 1-3%, depending on annual average prices on the London Metal Exchange.

The new bill also proposes a tax on the adjusted mining exploration margin, which excludes amortization and depreciation and is similar to operating profits.

A table with the aforementioned presentation showed that such a tax could be at rates of 2-3% for prices up to $2.49 per lb; roughly 3.5-9% for prices of $2.50-3.49 per lb; and 11.5-40% when LME prices rise to $3.50-6.00 per lb.

"It would make major copper miners with 100% presence in Chile pay a higher effective tax rate, going from the low 40s% to approximately 50-55%," an analyst who closely follows the cost model for Chilean miners told Fastmarkets.

A Chilean mining official earlier told Fastmarkets that an effective tax rate of more than 50% would put Chile at a competitive disadvantage when it comes to attracting mining investment. The vice minister of mining, Edgar Blanco, told Fastmarkets that any changes to the current tax regime would need to keep the rate between 41% and 45%.

At current copper price levels, it is true that Chilean miners would be more heavily taxed compared with other mining jurisdictions.

The LME copper three-month official futures price has been between $9,565 per tonne and $10,039 per tonne ($4.34-4.55 per lb) since the beginning of this year. This compared with a monthly average price of $7,981.50 per tonne for January 2021.

On January 27, the mining and energy commission discussed a model for copper projects with output of 125,000 tpy and an average cost of $1.60 per lb.

Under the current tax regime, a company in such circumstances would pay an effective rate of 31.9% if copper prices were to average $4.50 per lb in a year. The modified bill, however, would increase that rate to 49.7% with an additional 1% over gross sales. And a 3% tax on sales would elevate that rate to 51.7%.

The presentation showed that the new royalty would be comparable only to the tax regimes in Peru and the Australian state of Queensland, which currently collect tax from mining profits with prices below $4 per lb. In the scenario of an average price of $4.50 per lb for a year, a miner would pay a 35.6% effective rate in Peru and 40.5% in Queensland.

The new royalty bill was previously approved by Chile's lower house in May 2021.

But changes to the bill were still possible. Even after approval from the senate's mining and energy commission on Thursday, the bill still must be approved by the finance commission, and then voted through by the senate.

The debate about royalties, however, has already made major stakeholders such as Freeport-McMoRan reluctant to pour further capital into Chilean copper projects, citing fears of rising costs.

US vaccine entry req may affect metals

By Yasemin Esmen - Thursday 27 January

The availability of metals in the United States could be affected by a new government mandate requiring all non-US individuals entering the country at land ports and ferry points to be vaccinated against Covid-19, market participants said.

The Department of Homeland Security (DHS) began requiring all non-US citizens, nationals or permanent residents entering the US "via land ports of entry and ferry terminals at the US-Mexico and US-Canada borders to be fully vaccinated for Covid-19 and provide proof of vaccination" effective Saturday January 22, DHS said.

"We take a lot of copper from Canada, so that does affect us," one copper trader said.

According to the US Geological Survey, 99% of copper ore and concentrate imports came from Mexico, while 55% of copper scrap imports and 26% of refined copper imports came from Canada between 2015 and 2018.

In a 2019 report, the Mexican government said foreign companies - mainly from Canada, the US, Spain, Germany and Japan - mine primarily gold, copper, zinc and uranium.

A second trader said he did not see the trucker vaccination issue being a problem, since most of the zinc and lead coming into the US from Mexico, as well as 75% from Canada, arrives by rail and not via truck.

"Plus, most truckers who come into the US from either country are 'regulars' and have been dealing with mandates and quarantines for nearly two years. I don't doubt that most of them have already taken all the steps and are probably a lot safer than certain segments of the US itself," he said.

A third trader agreed that most of the metal from both Mexico and Canada come via rail, unless the delivery point is very close to the border and the short distance makes it unfeasible to ship by rail.

"It also depends on how much the consumer takes... If it is not much, then [producers] are more likely to truck it," he said.

"This is called 'damned if you do, damned if you don't,'" another trader said, noting that this was an effort on the part of the government to try to stop the spread of Covid-19 but it could create backlogs and issues at the borders.

"So, pick your poison," he said.

In mid-January, Canada started enforcing a similar vaccine requirement at its borders, calling for all non-Canadian truck drivers to show proof of vaccination to be granted entry to the country.

LME copper and nickel prices dip; aluminium and zinc hold steady

By Ana de Liz, Carrie Bone - Thursday 27 January

Base metal prices on the London metal exchange diverged at the 5pm close on Thursday January 27, with aluminium and zinc holding steady while copper and nickel prices fell.

The three-month copper price at the 5pm close was $9,782 per tonne on Thursday, down by 1.36% from Wednesday's 5pm closing price of $9,916.50 per tonne. The price had reached a high of $9,878.50 per tonne and a low of $9,721 per tonne during the day.

The US dollar index rose to an intraday peak of 97.30 during trading on Thursday, its highest since July 2020, following the Federal Reserve's comments on the rise of interest rates.

"The weakness in copper and other commodity prices follows the hawkish statement from the United States Federal Reserve a day earlier. The Fed continued to hint to a rate increase at its next meeting in March," Fastmarkets analyst Boris Mikanikreza said.

"Fed Chairman Jerome Powell's Q&A, which followed the Fed's statement, triggered a sharp appreciation in the dollar after he suggested that the Fed was 'willing to move soon' and 'perhaps faster' than last time about its balance sheet reduction. Against this backdrop, copper and other commodity prices came under pressure," Mikanikreza added.

Elsewhere, the three-month nickel price had fallen to $22,398 per tonne by the 5pm close, down from Wednesday's 5pm close price of $22,695 per tonne. It had reached a high of $22,775 per tonne during the day and a low of $22,260 per tonne.

Aluminium's futures contract had a steady day, closing at $3,098.50 per tonne, slightly up compared with Wednesday's 5pm close of $3,094 per tonne. The price failed to remain above $3,100 per tonne, however, having reached a high of $3,117 per tonne during the day.

Tight supply continues to support prices, with with Russia-Ukraine tensions stoking concerns over supply, particularly in Europe.

Commerzbank analysts noted aluminium had "successfully resisted the price slide in the metals sector in the preceding days. Further concerns about supply have presumably been contributing to the high aluminium price in recent days. This time, market participants have been focusing on Russia and the potential scenario in which sanctions are imposed on the country amid the Ukraine conflict."

Zinc's three-month price was up by $20.50 on Thursday at the close to $3,630.50 per tonne, compared with Wednesday's 5pm close price of $3,610.00 per tonne. The galvanizing metal had over 9,000 lots traded on Thursday, its highest volumes since January 4.

Zinc's physical market remains tight globally, particularly in Europe and in the Unites States, where premiums are at their highest since Fastmarkets started covering those regions.

Zinc stocks on the LME continue to fall, with on-warrant levels down by 13% since the start of the year to 131,250 tonnes on Thursday.

Cu scrap discounts hold despite tight supply

By Kirstyn Petras - Thursday 27 January

Copper scrap discounts in the United States were mostly unchanged on Wednesday January 26, with sources citing a steadying market amid ongoing supply tightness.

One seller on January 26 pointed to shortages in the market as leading to some price increases and spreads narrowing down.

Fastmarkets' copper scrap No1 copper, discount, buying price, delivered to brass mill US narrowed to 9-11 cents per lb on Wednesday, down from 9-12 cents per lb on January 19.

Fastmarkets' copper scrap No1 copper, discount, buying price, delivered to refiners widened down to 17-20 cents per lb January 26 from 18-20 cents per lb on January 19.

Other market sources noted stability in pricing, however, with one source saying on Thursday January 27 that it "seems like all are in a holding pattern."

The market is "steady as she goes," a second seller said January 26.

Comex pricing inched upward week on week. The most-active March delivery Comex copper contract settled at $4.515 per lb on Wednesday, up by 1.01% from $4.47 per lb on January 19.

Most discounts to brass ingot makers also were steady on the week.

Fastmarkets' copper scrap No1 copper, discount, buying price, delivered to brass ingot makers narrowed down to 21-24 cents per lb from 21-25 cents per lb.

Meanwhile, the discounts for No1 bare bright, delivered to brass ingot makers; No2 copper, delivered to brass ingot makers; and light copper, delivered to brass ingot makers were unchanged at 7-10 cents per lb, 48-52 cents per lb and 55-57 cents per lb respectively.

For brass ingot makers' scrap, one buyer described current pricing as a "bargain."

Prices are "very cheap right now," the buyer said, adding: "[I] think in a few months, prices have to go up, and scrap prices will have to go up."

The buying prices for comp borings, turnings, delivered to brass ingot makers and copper scrap radiators, delivered to brass ingot makers were stable on the week at $3.20-3.23 per lb and $2.58-2.63 per lb respectively.

The buying price for copper scrap No1 comp solids, delivered to brass ingot makers, however, rose by 1.04% on the week to $3.39-3.42 per lb; and that for yellow brass solids, delivered to brass ingot makers increased by 1.62% to $2.80-2.84 per lb.

Sources cited rising export demand, particularly from Asian markets, as driving yellow brass prices upward.

COPPER AND BRASS SCRAP		
Brass mill scrap discounts*	01/26/2022	01/19/2022
No1 copper	9 to11	9 to 12
Refiners' copper scrap discounts*	01/26/2022	01/19/2022
No1 copper	17 to 20	18 to 20
No2 copper	50 to 53	50 to 53
Brass ingot makers' scrap discounts*	01/26/2022	01/19/2022
No1 bare bright	7 to 10	7 to 10
No1	21 to 24	21 to 25
No2	48 to 52	48 to 52
Light copper	55 to 57	55 to 57
Brass ingot makers' scrap prices (in cents per lb)	01/26/2022	01/19/2022
No1 comp solids	339 to 342	335 to 339
Comp borings, turnings	320 to 323	320 to 323
Radiators	258 to 263	258 to 263
Yellow brass solids	280 to 284	275 to 280
*Discounts, in cents, based on the most actively traded Comex copper contract.		Source: Fastmarkets

Cobalt outlook bullish through 2022 and beyond, ERG CEO says

By Andrea Hotter - Thursday 27 January

The situation in the global cobalt market is such that prices could climb to new highs through 2022 and beyond, according to the chief executive officer of diversified mining company Eurasian Resources Group (ERG).

Benedikt Sobotka said that the surging price of the metal, which rose by 119% in 2021, was giving a very clear message: the market is severely short of cobalt, a key ingredient in the batteries that power electric vehicles (EVs).

There were no discernible signs of any fundamental easing, he said, and prices remained on an upward trajectory while consumers struggle to secure the few available spot units - a situation that will persist, in his opinion.

Fastmarkets assessed the price of cobalt, standard grade, in-whs Rotterdam, at $34.20-34.60 per tonne on Thursday January 27 This was up from $18.50-19.30 per tonne on the corresponding date last year.

"While it seems 'obvious' to us today that much of the tightness is underscored by stellar demand growth from the EV segment," Sobotka said, "just a year ago, most of us would have sniggered with disbelief at the prospect of EV sales more than doubling in 2021.

"Yet it is now a reality, and the pace of EV adoption shows few signs of losing momentum, being supported by the global transition to a greener future," he said.

"We firmly believe that future EV sales will continue to exceed analysts' expectations, driven by governments' ambitious adoption goals and manufacturers' aggressive sales targets," he added.

Based on these announcements alone, ERG forecasts that EV sales should account for more than half of the automotive market by 2030, far exceeding consensual estimates of around 30%.

Sobotka noted that the use of cobalt-bearing lithium-ion batteries is bourgeoning across a spectrum of end-use sectors, from mobile electronics to e-mobility and battery energy storage systems.

"Even demand from traditional cobalt metal end-use sectors, which account for around one-quarter of overall consumption, looks set to undergo a boom this year, spurred by the recovery of the aerospace sector," he said.

But according to Sobotka, cobalt supply was increasingly unable to keep pace with demand.

"The underlying reason behind this is straightforward: while giga-factories pop up at record speeds, developing industrial-scale mines still takes 10-15 years on average," he said.

"Importantly, downside risks surround the timely commissioning and ramping-up of many existing projects, in view of global shortages of mining equipment and the adoption of the historically troublesome high-pressure acid-leach technology at numerous mine projects in Indonesia," he added.

He also noted that the movement and availability of cobalt raw materials continued to be subject to logistics disruptions, which were likely to persist throughout this year.

Another factor affecting supply was that cobalt production is largely based in the Democratic Republic of Congo. The African nation is the world's largest producer of cobalt but it has had to confront continuing concerns about the health and safety of mining operations as well as the use of child labor at artisanal mines.

In turn, this has led the automotive sector in particular to turn away from the use of cobalt in batteries where possible, in an effort to reduce carmakers' exposure to potentially irresponsible production methods.

Sobotka pointed to growing consumer scrutiny of the cobalt supply chain, facilitated by tracing solutions and government efforts to introduce stronger controls to the sector.

Sobotka is co-chair of the Global Battery Alliance, a public-private collaboration platform founded in 2017 at the World Economic Forum to help establish a sustainable battery value chain by 2030.

ERG is the world's largest high-carbon ferrochrome producer by chrome content, and among the major cobalt producers. It is also a large producer of copper, the only producer of high-grade aluminium in the Republic of Kazakhstan, and one of the largest suppliers of alumina and iron ore in Eurasia.

Anglo American's Q4 copper production down 11% on lower grades

By Ana de Liz - Thursday 27 January

A summary of Anglo American's non-ferrous metals production for the fourth quarter and full year 2021, as published in its quarterly report on Thursday January 27.

- Copper production fell 4% in the fourth quarter, due to an 11% decrease in production at the Los Bronces mine in Chile in the quarter to 84,900 tonnes - although this was partially offset by an 11% increase in production at the Collahuasi mine.
- Production at Collahuasi was 66,000 tonnes, which Anglo American attributed to higher throughput as a result of strong plant performance in the quarter and the planned maintenance in the last quarter of 2020.
- The company said that severe drought continued to affect the the Chilean regions where its mines are located.
- While the impact on production during 2021 was mitigated by Anglo American's water management initiatives, "record low levels of precipitation during the year have reduced water availability for Los Bronces in the first half of 2022 and have been factored into production guidance."
- Anglo American decreased its copper production guidance for Chile for 2022, noting the impact of the drought and the lower grades at Los Bronces and Collahuasi.
- The British entity's full-year 2021 copper production was stable from 2020, despite the "ongoing water challenges from the severe drought conditions."
- Primary nickel production at its Brazilian operations at Barro Alto and Codemin was also down by 9% over the fourth quarter, but its group nickel production, including co-product nickel production from its platinium group of metals, was up 12% in 2021 to 64,000 tonnes.

Key figures
Copper

Fourth-quarter: 161,000 tonnes, down by 4% year on year
Full 2021 year: 647,000, no change form 2020

Nickel (Brazil operations only)
Fourth-quarter: 10,600 tonnes, down 9% year on year
Full 2021 year: 41,700 tonnes, down 4% year on year

Manganese ore
Fourth-quarter: 835,000 tonnes, down 11% year on year
Full 2021 year: 3.7 million tonnes, up 5% year on year

2022 guidance
Copper: 680,000-760,000 tonnes

Nickel: 40,000-42,000 tonnes

Key quotes from chief executive officer Mark Cutifani
- "As we move into 2022, we are pleased with the construction progress at Quellaveco, our new copper mine in Peru. We are on track and within budget, we mined our first ore in October 2021 and we are expecting our first production of copper concentrate in the middle of this year... We expect Quellaveco to produce 120,000-160,000 tonnes of copper production in 2022 and to average 300,000 tonnes per year for the first 10 years at full production."

Key copper raw materials prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CU-0287	Copper concentrates TC index, cif Asia Pacific, $/tonne	21 Jan 2022	57.1	-4.83%	Dec 2021	56.44
MB-CU-0288	Copper concentrates RC index, cif Asia Pacific, US cents/lb	21 Jan 2022	5.71	-4.83%	Dec 2021	5.64
MB-CU-0409	Copper blister 98-99% RC annual benchmark, cif China, $/tonne	31 Dec 2021	145 - 165	6.90%	Dec 2021	145 - 165
MB-CU-0408	Copper blister 98-99% RC spot, cif China, $/tonne	31 Dec 2021	150 - 170	0.00%	Dec 2021	150 - 170
MB-CU-0512	No1 copper material, RCu-2A,1B (candy/berry), cif China, LME/Comex discount, US cents per lb	27 Dec 2021	9 - 13	0.00%	Dec 2021	9 - 13
MB-CU-0360	No2 copper material, RCu-2B (birch/cliff), cif China, LME/Comex discount, US cents per lb	27 Dec 2021	24 - 28	0.00%	Dec 2021	24 - 28
MB-CU-0422	Copper concentrates counterparty spread, $/tonne	04 Jan 2022	9.58	-8.33%	Dec 2021	10.45
MB-CU-0423	Copper Concentrates Co-VIU, $/tonne	04 Jan 2022	(0.45)		Dec 2021	0.28
MB-CU-0508	Copper concentrates TC implied smelters purchase, cif Asia Pacific, $/tonne	21 Jan 2022	61.89	-4.48%	Dec 2021	61.67
MB-CU-0510	Copper concentrates RC implied smelters purchase, cif Asia Pacific, cents/lb	21 Jan 2022	6.19	-4.48%	Dec 2021	6.17
MB-CU-0509	Copper concentrates TC implied traders purchase, cif Asia Pacific, $/tonne	21 Jan 2022	52.31	-5.25%	Dec 2021	51.22
MB-CU-0511	Copper concentrates RC implied traders purchase, cif Asia Pacific, cents/lb	21 Jan 2022	5.23	-5.25%	Dec 2021	5.12

Ferro-alloy markets

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

Chrome ore

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-CHO-0003	Chrome ore South Africa UG2/MG concentrates index, cif China, $/tonne	25 Jan 2022	185	6.32%	Dec 2021	170.75
MB-CHO-0002	Chrome ore Turkish lumpy 40-42%, cfr main Chinese ports, $/tonne	25 Jan 2022	300 - 310	0.00%	Dec 2021	290 - 308.75

Ferro-chrome

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEC-0012	Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, $/lb	27 Jan 2022	2.1 - 2.25	0.00%	Dec 2021	
MB-FEC-0001	Ferro-chrome low phosphorous, min 65% Cr, max 0.015% P, delivered Europe, $/lb	18 Jan 2022	1.78 - 2.03	1.60%	Dec 2021	1.77 - 1.99
MB-FEC-0017	Ferro-chrome high carbon 57-65% Cr, cif dup Japan, $/lb	27 Jan 2022	1.06 - 1.08	0.00%	Dec 2021	1.17 - 1.19
MB-FEC-0018	Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, $/lb	27 Jan 2022	1.05 - 1.07	0.00%	Dec 2021	1.15 - 1.17
MB-FEC-0021	Ferro-chrome high carbon 6-8.5% C, basis 65-70% Cr, max 1.5% Si, delivered Europe, $/lb Cr	25 Jan 2022	1.71 - 1.98	0.00%	Dec 2021	1.72 - 1.92
MB-FEC-0020	Ferro-chrome high carbon 6-8.5% C, basis 60-64.9% Cr, max 3% Si, cif Europe, $/lb Cr	25 Jan 2022	1.25 - 1.5	0.00%	Dec 2021	1.42 - 1.5
MB-FEC-0011	Ferro-chrome 50% Cr import, cif main Chinese ports, $/lb contained Cr	25 Jan 2022	1.07	0.00%	Dec 2021	1.16
MB-FEC-0006	Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	25 Jan 2022	8500 - 8800	1.76%	Dec 2021	8725 - 9000
MB-FEC-0005	Ferro-chrome contract 6-8% C, basis 50% Cr, ddp China, yuan/tonne	25 Jan 2022	7995 - 8195	-9.02%	Dec 2021	9098.75 - 9600
MB-FEC-0019	Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, $/lb	25 Jan 2022	1.72	0.00%	Dec 2021	1.81
MB-FEC-0016	Ferro-chrome lumpy Cr charge quarterly, basis 52% Cr (and high carbon), delivered Europe, $/lb Cr (rounded to the closest 2 decimal places)	01 Jan 2022	1.8	0.00%	Dec 2021	1.8
MB-FEC-0014	Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, $/lb	27 Jan 2022	3.65 - 3.75	0.00%	Dec 2021	
MB-FEC-0013	Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, $/lb	27 Jan 2022	3.8 - 3.85	0.00%	Dec 2021	
MB-FEC-0015	Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, $/lb	27 Jan 2022	3.55 - 3.6	0.00%	Dec 2021	
MB-FEC-0003	Ferro-chrome 0.10% C, average 65-70% Cr, delivered Europe, $/lb Cr	18 Jan 2022	3.7 - 4.33	1.26%	Dec 2021	3.63 - 4.27
MB-FEC-0002	Ferro-chrome low carbon, 65% Cr, max 0.06% C, delivered Europe, $/lb Cr	18 Jan 2022	3.74 - 4.37	1.25%	Dec 2021	3.67 - 4.31

Manganese ore

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MNO-0002	Manganese ore 37% Mn, fob Port Elizabeth, $/dmtu	21 Jan 2022	3.34	-1.18%	Dec 2021	3.21
MB-MNO-0001	Manganese ore 44% Mn, cif Tianjin, $/dmtu	21 Jan 2022	5.46	0.37%	Dec 2021	5.52
MB-MNO-0003	Manganese ore index 37% Mn, cif Tianjin, $/dmtu	21 Jan 2022	4.52	0.22%	Dec 2021	4.54
MB-MNO-0004	Manganese ore port index, base 37% Mn, range 35-39%, fot Tianjin China, yuan/dmtu	21 Jan 2022	34.4	0.29%	Dec 2021	33.94
MB-MNO-0005	Manganese ore port index, base 44% Mn, range 42-48%, fot Tianjin China, yuan/dmtu	21 Jan 2022	43.5	0.69%	Dec 2021	42.24

Ferro-manganese

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FEM-0007	Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	21 Jan 2022	7500 - 7700	1.33%	Dec 2021	6920 - 7060
MB-FEM-0006	Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	21 Jan 2022	1525 - 1575	1.64%	Dec 2021	1670 - 1770
MB-FEM-0002	Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	27 Jan 2022	315 - 320	0.00%	Dec 2021	315 - 320
MB-FEM-0004	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, $/lb	27 Jan 2022	2.55 - 2.6	0.00%	Dec 2021	
MB-FEM-0003	Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, US cents/lb	27 Jan 2022	255 - 260	0.00%	Dec 2021	249 - 254
MB-FEM-0001	Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, $/long ton	27 Jan 2022	2600 - 2650	0.00%	Dec 2021	2600 - 2650

Silico-manganese

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-SIM-0001	Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	21 Jan 2022	7900 - 8200	0.00%	Dec 2021	7680 - 7900
MB-SIM-0004	Silico-manganese 65% Mn min, min 16% Si, fob India, $/tonne	21 Jan 2022	1470 - 1520	0.67%	Dec 2021	1445 - 1495
MB-SIM-0002	Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations €/tonne	21 Jan 2022	1550 - 1600	0.00%	Dec 2021	1620 - 1720
MB-SIM-0005	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, $/lb	27 Jan 2022	1.2 - 1.25	0.00%	Dec 2021	
MB-SIM-0003	Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, US cents/lb	27 Jan 2022	120 - 125	0.00%	Dec 2021	120 - 125

Ferro-silicon

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FES-0003	Ferro-silicon 75% Si, in-whs Pittsburgh, $/lb	27 Jan 2022	3.3 - 3.35	-0.60%	Dec 2021	
MB-FES-0005	Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	21 Jan 2022	2900 - 3300	1.64%	Dec 2021	3060 - 3460
MB-FES-0004	Ferro-silicon 75% Si min export, fob China, $/tonne	26 Jan 2022	2000 - 2100	0.00%	Dec 2021	2070 - 2170
MB-FES-0001	Ferro-silicon 75% Si min, in-whs China, yuan/tonne	26 Jan 2022	9500 - 9600	0.00%	Dec 2021	9360 - 9600

Noble ores & alloys news

Bushveld Minerals looks for 20% increase in FeV production in 2022

By Cristina Belda - Thursday 27 January

A summary of Bushveld Minerals' financial and production results for the fourth quarter and 12 months ended December 31, 2021.

Bushveld Minerals' vanadium resource base currently consists of three mineral assets - Vametco, Brits and Mokopane - while its processing facilities consist of Vametco and Vanchem, which are all situated in South Africa.

The company published its fourth-quarter and full-year operational update on its website on Wednesday January 26.

In brief

Annual sales totaled 3,314 tonnes of vanadium. This figure was lower than expected due to challenges in international logistics channels arising from Covid-19, civil unrest in South Africa, and disruptions at local ports in July and August. Consequently, the company was unable to ship some of the product produced during 2021, resulting in a build-up of finished products inventory amounting to 278 tonnes.

Production for 2021 was 3,592 tonnes, marginally lower than in 2020, when it reached 3,631 tonnes.

Bushveld has increased its production guidance for this year to 4,200-4,400 tonnes, because it expected to ramp-up output at the Vanchem facility. Consequently, 2021 guidance was set at 3,400-3,600 tonnes.

Construction has started work on a new vanadium electrolyte manufacturing plant in South Africa, which the company expected to commission in the second half of this year. This will be the largest publicly announced plant outside China, with capacity for 200MWh per year of vanadium electrolyte

production.

Bushveld expected capital expenditure this year of $17 million, compared with $29 million in 2021.

Vametco
Fourth-quarter 2021 production was 700 tonnes, in line with third-quarter production of 703 tonnes.

Production for the full year of 2021 was 2,453 tonnes, down by 8% from 2,654 the previous year, due to lower production in the first half of 2021.

Production guidance is 2,450-2,550 tonnes.

Vanchem
Production for the fourth quarter of 2021 was 262 tonnes, down by 10% from 291 tonnes in the third quarter.

Total production in 2021 was 1,138 tonnes, up by 15% from 990 tonnes in 2020, due to Vanchem ramping-up production in that year and running at capacity in 2021.

Production guidance was set at 1,750-1,850 tonnes of vanadium.

Key quote
Fortune Mojapelo, chief executive officer, Bushveld Minerals

"Our focus on stable, achievable production levels on the back of operational improvements and enhanced safety helped us to reach the upper end of the full-year revised guidance and meet the unit-cost guidance, pursuant to rebasing in the first half of 2021.

"We continue to invest in sustaining and growth capital, to maintain the stable production base we have worked hard to achieve [in our] existing operations and to provide the platform to support the [planned] volume increase in 2022... Production growth is key to unit-cost reduction and margin expansion, as reflected in the guidance for 2022.

"Demand for vanadium in the United States, Europe and the rest of the world remains buoyant... Ferro-vanadium prices have strengthened and currently trade at an average of about $35 per kg V across [all] markets."

Molybdenum/ferro-molybdenum

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-MO-0001	Molybdenum canned molybdic oxide, in-whs Pittsburgh, $/lb	27 Jan 2022	19.1 - 19.4	0.00%	Dec 2021	18.81 - 19.5
MB-FEO-0003	Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, $/lb Mo	26 Jan 2022	19.1 - 19.25	-0.52%	Dec 2021	18.84 - 19.05
MB-FEO-0004	Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, $/lb	26 Jan 2022	19 - 19.1	0.00%	Dec 2021	18.3 - 18.6
MB-FEO-0002	Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, $/lb	27 Jan 2022	21 - 21.5	2.41%	Dec 2021	20.4 - 21.1
MB-FEO-0001	Ferro-molybdenum 65% Mo min, in-whs Rotterdam, $/kg Mo	26 Jan 2022	44.7 - 45.3	0.00%	Dec 2021	43.31 - 44.46

Ferro-niobium/ferro-titanium

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-FN-0001	Ferro-niobium 63-67% delivered consumer works, dp, Europe $ per kg Nb	26 Jan 2022	45 - 45.5	0.22%	Dec 2021	44.32 - 45.7
MB-FET-0001	Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, $/kg Ti	26 Jan 2022	7.7 - 8	0.00%	Dec 2021	7.7 - 8.04
MB-FET-0002	Ferro-titanium 68-72% Ti, ex-whs US, $/lb	27 Jan 2022	3.6 - 3.85	0.00%	Dec 2021	3.6 - 3.85

Tungsten/ferro-tungsten

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-W-0001	Tungsten APT 88.5% WO3 min cif Rotterdam and Baltimore duty-free, $/mtu WO3	21 Jan 2022	330 - 335	1.37%	Dec 2021	320 - 325
MB-W-0003	Tungsten APT 88.5% WO3 min, fob main ports China, $/mtu WO3	26 Jan 2022	325 - 330	0.00%	Dec 2021	313.8 - 319.4
MB-W-0002	Tungsten concentrate 65% WO3, in-whs China, yuan/tonne	26 Jan 2022	115000 - 117000	0.00%	Dec 2021	108500 - 109800
MB-FEU-0001	Ferro-tungsten basis 75% W, in-whs dup Rotterdam, $/kg W	26 Jan 2022	40.6 - 41.5	0.00%	Dec 2021	36.75 - 38.5
MB-FEU-0003	Ferro-tungsten export, min 75% fob China, $/kg W	26 Jan 2022	39.5 - 41.5	0.00%	Dec 2021	38.1 - 40.1

Vanadium pentoxide/ferro-vanadium

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-V-0001	Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, $/lb V2O5	21 Jan 2022	9.5 - 10	11.43%	Dec 2021	8.5 - 9
MB-V-0002	Vanadium pentoxide 98% V2O5 min, fob China, $/lb V2O5	27 Jan 2022	8.71 - 8.86	0.00%	Dec 2021	8.76 - 8.91
MB-V-0004	Vanadium pentoxide 98% V2O5 min, exw China, yuan/tonne	27 Jan 2022	122000 - 124000	0.00%	Dec 2021	122900 - 125000
MB-FEV-0002	Ferro-vanadium 70-80% V, in-whs Pittsburgh, $/lb	27 Jan 2022	17.75 - 18	3.05%	Dec 2021	14.9 - 15.25
MB-FEV-0001	Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, $/kg V	26 Jan 2022	37.5 - 39	0.00%	Dec 2021	32.28 - 33
MB-FEV-0003	Ferro-vanadium 78% V min, fob China, $/kg V	27 Jan 2022	37.89 - 38.44	0.00%	Dec 2021	37.78 - 38.52

SPB

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

Pittsburgh

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

Chicago

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

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

Philadelphia

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

St Louis

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

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

Detroit

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

Cleveland

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

Cincinnati

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

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

Alabama

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

South Carolina

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

New York

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0379	Steel scrap No1 heavy melt, export yard buying price, delivered to yard New York, $/gross ton	24 Jan 2022	360	0.00%	Dec 2021	372.5
MB-STE-0380	Steel scrap No2 bundles, export yard buying price, delivered to yard New York, $/gross ton	24 Jan 2022	310	0.00%	Dec 2021	322.5
MB-STE-0381	Steel scrap machine shop turnings, export yard buying price, delivered to yard New York, $/gross ton	24 Jan 2022	255	0.00%	Dec 2021	267.5
MB-STE-0382	Steel scrap mixed cast, export yard buying price, delivered to yard New York, $/gross ton	24 Jan 2022	355	0.00%	Dec 2021	367.5

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0383	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard New York, $/gross ton	24 Jan 2022	375	0.00%	Dec 2021	387.5
MB-STE-0384	Steel scrap auto bodies, export yard buying price, delivered to yard New York, $/gross ton	24 Jan 2022	340	0.00%	Dec 2021	352.5
MB-STE-0385	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard New York, $/gross ton	24 Jan 2022	370	0.00%	Dec 2021	382.5

Boston

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0366	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Boston, $/gross ton	24 Jan 2022	340	0.00%	Dec 2021	358.75
MB-STE-0369	Steel scrap unstripped motor blocks, export yard buying price, delivered to yard Boston, $/gross ton	24 Jan 2022	340	0.00%	Dec 2021	358.75
MB-STE-0370	Steel scrap auto bodies, export yard buying price, delivered to yard Boston, $/gross ton	24 Jan 2022	225	0.00%	Dec 2021	235
MB-STE-0371	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Boston, $/gross ton	24 Jan 2022	350	0.00%	Dec 2021	368.75

Los Angeles

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0372	Steel scrap No1 heavy melt, export yard buying price, delivered to yard Los Angeles, $/gross ton	24 Jan 2022	265	0.00%	Dec 2021	265
MB-STE-0373	Steel scrap No2 bundles, export yard buying price, delivered to yard Los Angeles, $/gross ton	24 Jan 2022	165	0.00%	Dec 2021	165
MB-STE-0374	Steel scrap No1 busheling, export yard buying price, delivered to yard Los Angeles, $/gross ton	24 Jan 2022	275	0.00%	Dec 2021	275
MB-STE-0375	Steel scrap machine shop turnings, export yard buying price, delivered to yard Los Angeles, $/gross ton	24 Jan 2022	60	0.00%	Dec 2021	60
MB-STE-0378	Steel scrap cut structural/plate 5ft max, export yard buying price, delivered to yard Los Angeles, $/gross ton	24 Jan 2022	275	0.00%	Dec 2021	275

Seattle-Portland

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

Hamilton, Ontario

Symbol	Description	Date	Price	+/-	Month	Monthly Average

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

Houston

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

Weekly composite prices

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STE-0531	Steel scrap No1 heavy melt, consumer buying price, delivered mill, $/gross ton, weekly composite	21 Jan 2022	406.67	0.00%	Dec 2021	
MB-STE-0526	Steel scrap No1 busheling, consumer buying price, delivered mill Pittsburgh, $/gross ton, weekly composite	21 Jan 2022	550	0.00%	Dec 2021	
MB-STE-0523	Steel scrap shredded auto scrap, consumer buying price, delivered mill, $/gross ton, weekly composite	21 Jan 2022	472	0.00%	Dec 2021	

Pittsburgh stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0046	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Pittsburgh, $/gross ton	25 Jan 2022	2285 - 2330	1.01%	Dec 2021	2122.75 - 2206.5
MB-STS-0047	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Pittsburgh, $/gross ton	25 Jan 2022	2150 - 2218	1.56%	Dec 2021	1993.5 - 2088.75
MB-STS-0133	Stainless steel scrap 304 solids, clips, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	2128 - 2173	-0.76%	Dec 2021	2150 - 2184
MB-STS-0134	Stainless steel scrap 304 turnings, consumer buying price, delivered mill Pittsburgh, $/gross ton	10 Jan 2022	1935 - 1956	-0.61%	Dec 2021	1949 - 1966

Chicago stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0067	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Chicago, $/gross ton	25 Jan 2022	2285 - 2330	1.01%	Dec 2021	2139.25 - 2200.75
MB-STS-0068	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Chicago, $/gross ton	25 Jan 2022	2150 - 2218	1.56%	Dec 2021	2021.75 - 2088.75
MB-STS-0069	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Chicago, $/gross ton	25 Jan 2022	829 - 851	0.00%	Dec 2021	784.25 - 851.5

Detroit stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0087	Stainless steel scrap 304 solids, clips, broker buying price, delivered to processor Detroit, $/gross ton	25 Jan 2022	2285 - 2330	1.50%	Dec 2021	2139.25 - 2206.5
MB-STS-0088	Stainless steel scrap 304 turnings, broker buying price, delivered to processor Detroit, $/gross ton	25 Jan 2022	2150 - 2218	0.00%	Dec 2021	2021.75 - 2088.75
MB-STS-0048	Stainless steel scrap 430 bundles, solids, broker buying price, delivered to processor Pittsburgh, $/gross ton	25 Jan 2022	829 - 851	0.00%	Dec 2021	784 - 845.75

Cleveland stainless steel scrap

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

New York stainless steel scrap

Symbol	Description	Date	Price	+/-	Month	Monthly Average
MB-STS-0115	Stainless steel scrap 304 solids, clips, export yard buying price, delivered to yard New York, $/gross ton	25 Jan 2022	2128 - 2150	0.26%	Dec 2021	2094.5 - 2131
MB-STS-0116	Stainless steel scrap 304 turnings, export yard buying price, delivered to yard New York, $/gross ton	25 Jan 2022	1994 - 2016	0.00%	Dec 2021	1904 - 1938
MB-STS-0117	Stainless steel scrap 430 bundles, solids, export yard buying price, delivered to yard New York, $/gross ton	25 Jan 2022	582 - 605	0.00%	Dec 2021	717 - 739