

IronOre X

Monthly Overview, October 2024

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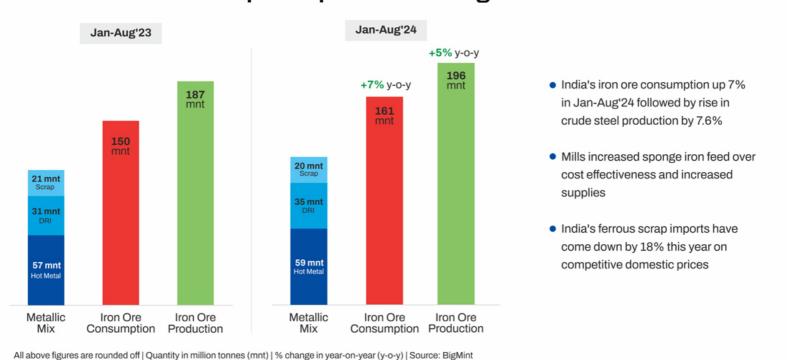
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India's iron ore consumption up 7% in Jan-Aug'24; what lies ahead?







India's iron ore consumption rose a modest 7% to around 161 million tonnes (mnt) over January-August, 2024, compared to 150 mnt seen in the same eight months in 2023.

Factors that influenced this modest increase

- Moderate rise in crude steel production: India's crude steel production rose a moderate 8% in this period under review to around 98 mnt from 91 mnt seen over the same months last year.
- Sponge iron units increase iron ore usage in feed: India's sponge iron production saw an addition of 3 mnt to 35 mnt during January-August 2024 against 32 mnt seen in the same period in 2023. The reasons were two-fold. One was the increase in sponge capacity additions in central and eastern India. The consumption of sponge iron rose by around 4 mnt to 35 mnt (31 mnt) in this period.
- EAF steel mills increase sponge usage on cost viability: It may be noted, sponge iron is a key raw material that competes with scrap at electric furnaces. These mills increased sponge iron feed because of the cost-effectiveness compared to scrap. Prices of PDRI, ex-Raipur fell over 9% y-o-y in these eight months to average INR 26,856/t (\$321/t) from INR 29,678/t (\$355/t).
- Higher sponge consumption and lower scrap imports limit scrap demand: Scrap is another competing raw material for sponge iron. India's ferrous scrap imports declined this year so far amid competitive domestic prices. As a result, imported scrap volumes dropped 18% to 5.6 mnt in January-August 2024 against 6.81 mnt recorded in CPLY. This also encouraged mills to use more of sponge iron rather than scrap.

Outlook

The country's crude steel production in 2024 is estimated at 152 mnt, which would entail addition of another 78 mnt in the second half of the year (H2CY'24). Iron ore consumption is expected to increase another 133 mnt in H2 to 254 mnt this calendar. The peak demand season is set to unfold from the October-December quarter, which would augur well for both crude steel and iron ore and support these forecasts.



Snapshot | Iron Ore Prices & Related Commodities

| Commodity | Sub- Commodity | Particular | Size,Grade | Sep'24 | Aug'24 | Jul'24 | Jun'24 | May'24 | Apr'24 |
|----------------------------|-------------------|-------------------------|---|---------|---------|---------|---------|---------|---------|
| Iron Ore ² | Fines/lumps | Ex-Mines, Odisha | 5-18 mm, Fe 63%, DR Grade | ₹5,725 | - 55 | - 500 | - 1,635 | - 1,375 | - 850 |
| Iron Ore ² | Fines/lumps | Ex-Mines, Odisha | 10-30mm, Fe 63%, BF Grade | ₹5,150 | + 100 | - 225 | - 1,370 | - 1,112 | - 675 |
| Iron Ore ² | Fines/lumps | Ex-Mines, Odisha | 0-10mm, Fe 62% | ₹4,350 | + 40 | - 188 | - 810 | - 750 | - 425 |
| Iron Ore ² | Fines/lumps | Ex-Mines, Karnataka | 0-10 mm, Fe 57% | ₹2,662 | - 98 | - 526 | - 738 | - 618 | - 376 |
| Iron Ore ² | Fines/lumps | FOR Balharshah | 0-10mm, Fe 63% | ₹4,975 | - 765 | - 1,125 | - 1,125 | - 765 | - 515 |
| Iron Ore 1 | Fines/lumps | CNF China | Fines, Fe 62% (Australia Origin) | \$93 | - 6 | - 13 | - 14 | - 25 | - 18 |
| Iron Ore ³ | Concentrates | exw Jabalpur | -45 micron, Fe 63% | ₹3,856 | - 127 | - 372 | - 983 | - 761 | - 519 |
| Iron Ore ³ | Pellets | FOB East Coast India | 6-20 mm, Fe 63% | \$87 | - 5 | - 10 | - 9 | - 20 | - 12 |
| Iron Ore ³ | Pellets Index | DAP Raipur | 6-20 mm, Fe 63%, (+/- 0.5%) | ₹8,756 | - 216 | - 427 | - 1,550 | - 1,777 | - 927 |
| Iron Ore ³ | Pellets | FOR Siding, Barbil | 6-20 mm, Fe 63%, (+/- 0.5%) | ₹7,050 | - 117 | - 456 | - 1,344 | - 1,844 | - 1,161 |
| Iron Ore ³ | Pellets | exw Bellary | 6-20 mm, Fe 63% | ₹9,406 | - 161 | - 488 | - 982 | - 1,133 | - 1,100 |
| Iron Ore ³ | Pellets | exw Durgapur | 6-20 mm, Fe 63%, (+/- 0.5%) | ₹7,862 | - 32 | - 510 | - 1,319 | - 1,894 | - 1,244 |
| Iron Ore ³ | Pellets | exw Jamshedpur | 6-20 mm , Fe 63% | ₹7,750 | - 325 | - 494 | - 1,231 | - 1,617 | - 1,107 |
| Iron Ore ³ | Pellets | exw Jharsugda | 6-20 mm, Fe 63%, (+/- 0.5%) | ₹7,731 | - 113 | - 358 | - 1,357 | - 1,686 | - 947 |
| Iron Ore ³ | Pellets | DAP Kandla | 6-20 mm, Fe 64/63% | ₹9,988 | - 279 | - 1,045 | - 1,712 | - 2,045 | - 1,034 |
| Semi Finished ¹ | Pig Iron | exw Durgapur | Steel Grade | ₹36,560 | - 216 | - 1,155 | - 2,258 | - 6,118 | - 4,100 |
| Scrap 1 | Hms | DAP Mumbai | HMS(80:20) | ₹32,600 | - 136 | - 674 | - 2,484 | - 3,650 | - 1,792 |
| Semi Finished ¹ | Sponge Iron | exw Raigarh | Mix (70% Lumps, 30% Fines), FeM 80% (+/-1) | ₹26,485 | + 527 | + 183 | - 1,551 | - 3,971 | - 3,171 |
| Semi Finished ¹ | Billet | exw Raipur | 100x100mm, IS 2831 | ₹38,342 | - 162 | - 1,027 | - 4,204 | - 6,195 | - 4,516 |
| Finish Flat ³ | Hrc | exy Mumbai | 2.5-8mm / CTL, IS2062, Gr E250 Br. | ₹48,029 | - 2,515 | - 4,238 | - 5,809 | - 6,071 | - 4,599 |

¹⁻Daily Assessment, 2-Weekly Assessment, 3-Monthly Assessment, W-O-W:Week On Week, 1M: Change over last month, 3M: Change over last 3 months

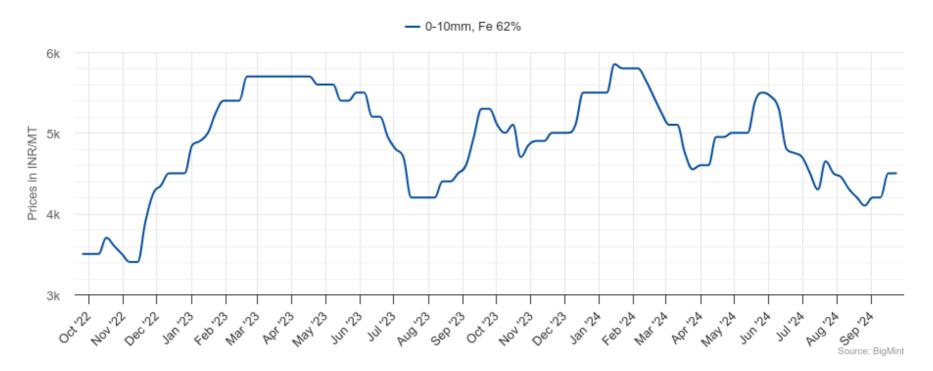


Snapshot | India's Iron Ore Statistics

| Product | Unit | Quantity | Latest Month | Quantity | Previous Month | % Change M-o- M | Total 2023 | |
|--------------------|------|------------|--------------|------------|-----------------------|--------------------|-------------|--|
| Production | | | | | | | | |
| Fines/Lumps | MT | 19,030,534 | August'24 | 20,078,673 | July'24 | -5 | 282,173,038 | |
| Pellet/Concentrate | MT | 8,689,000 | August'24 | 8,616,000 | July'24 | 1 | 92,184,250 | |
| Crude Steel | MT | 12,285,000 | August'24 | 12,285,000 | July'24 | 0 | 139,442,000 | |
| Sponge Iron | MT | 4,437,000 | August'24 | 4,439,000 | July'24 | -0 | 49,336,250 | |
| Export | | | | | | | | |
| Fines/Lumps | MT | 1,496,640 | September'24 | 2,517,594 | August'24 | -41 | 33,152,036 | |
| Pellet/Concentrate | MT | 203,500 | September'24 | 1,383,260 | August'24 | -85 | 10,875,642 | |
| Sponge Iron | MT | 105,846 | August'24 | 146,250 | July'24 | -28 | 1,342,348 | |
| Import | | | | | | | | |
| Fines/Lumps | MT | 50,000 | September'24 | 323,000 | August'24 | -85 | 4,980,371 | |
| Ferrous Scrap | MT | 855,906 | August'24 | 868,429 | July'24 | -1 | 11,045,429 | |



Odisha Iron Ore Prices Market Update



Monthly Average Price Table

| | Fines, Odisha | Fines, Odisha | Lumps, Odisha | |
|--------|-------------------|-------------------|------------------------------|--|
| Month | 0-10mm, Fe 62% | 0-10mm, Fe 60% | 5-18 mm, Lumps, Fe 60% | _ |
| Jul-23 | 4,570 | 3,940 | 5,960 | |
| Aug-23 | 4,300 | 3,780 | 6,050 | What happened |
| Sep-23 | 4,930 | 4,440 | 6,620 | BigMint's Odisha iron o |
| Oct-23 | 4,980 | 4,380 | 6,380 | o-m to INR 4,350/t in S |
| Nov-23 | 4,910 | 4,340 | 5,880 | the first half of the mont |
| Dec-23 | 5,220 | 4,680 | 6,240 | auction. |
| Jan-24 | 5,660 | 5,160 | 6,300 | OMC sold around 1.377 riging by IND 375/t m a |
| Feb-24 | 5,680 | 5,130 | 6,040 | rising by INR 275/t m-o |
| Mar-24 | 4,950 | 4,470 | 5,630 | India's iron ore production |
| Apr-24 | 4,780 | 4,210 | 5,800 | What may happen |
| May-24 | 5,100 | 4,590 | 6,230 | Iron ore prices in Odish |
| Jun-24 | 5,160 | 4,660 | 6,390 | October due to resume |
| Jul-24 | 4,540 | 3,930 | 5,380 | prices, and strong expofinished steel sector an |
| Aug-24 | 4,310 | 3,790 | 5,040 | boosting construction a |
| Sep-24 | 4,350 | 3,800 | 5,080 | |

Sentiments

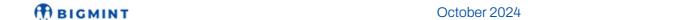
- BigMint's Odisha iron ore fines index (Fe 62%) fell by INR 40/t mo-m to INR 4,350/t in Sep'24. Prices remained under pressure in the first half of the month but bids went up post OMC's iron ore auction.
- OMC sold around 1.377 mnt of fines with bids (weighted average) rising by INR 275/t m-o-m in the September auction.
- India's iron ore production fell to a one year-low of 19 mnt in Aug.

• Iron ore prices in Odisha are expected to remain strong in October due to resumed government projects, rising global prices, and strong export activity. Positive sentiment in the finished steel sector and the end of the monsoon season, boosting construction activity, further support this price outlook.

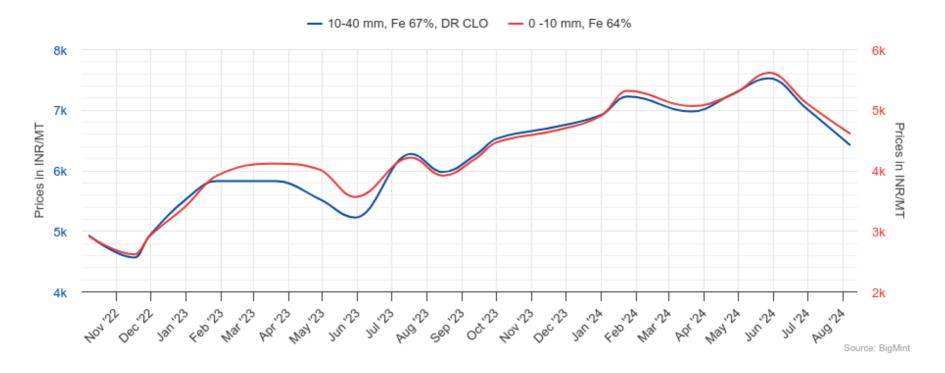
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Note

Inclusive of Royalty (15%), DMF (4.5%) & NMET (2%). GST extra Basic Prices, GST @ 18% extra Basic prices, GST @18% extra Domestic prices in INR/MT.



NMDC CG Iron Ore Prices Market Update



Monthly Average Price Table

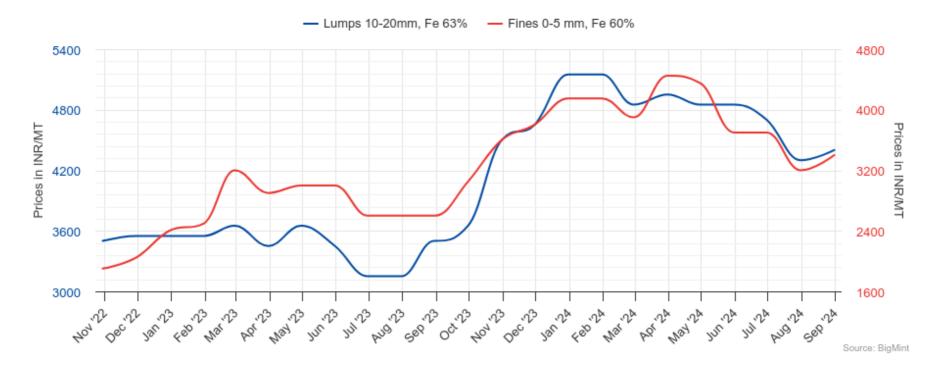
| | Lumps, NMDC | Fines, NMDC | Sentiments |
|--------|--------------------------|------------------|--|
| Month | 10-40 mm, Fe 67%, DR CLO | 0 -10 mm, Fe 64% | |
| Jul-23 | 6,270 | 4,210 | |
| Aug-23 | 5,970 | 3,910 | What happened |
| Sep-23 | 6,270 | 4,210 | NMDC, India's largest iron ore miner, kept its |
| Oct-23 | 6,520 | 4,460 | iron ore prices unchanged. |
| Nov-23 | 6,720 | 4,660 | What may happen |
| Jan-24 | 7,070 | 5,110 | NMDC has already increased prices of iron ore |
| Mar-24 | 6,970 | 5,060 | CLO and fines by INR 300/t and INR 400/t, |
| Apr-24 | 7,270 | 5,260 | respectively, in Oct. |
| May-24 | 7,520 | 5,610 | Rise in bids in OMC's iron ore auction along |
| Jun-24 | 7,020 | 5,110 | with global iron ore prices rally and the hike inpellet prices led to the rise in prices. |
| Aug-24 | 6,420 | 4,610 | — решет рисез теа то тие изе ит рисез. |

Note:

Excluding Royalty (15%), DMF &(4.5%), NMET(2%) and GST Domestic prices in INR/MT.



Karnataka Iron Ore Prices Market Update



Monthly Average Price Table

| | Fines, Karnataka | Lumps, Karnataka | Sentiments |
|--------|-----------------------|-----------------------|--|
| Month | Lumps 10-20mm, Fe 63% | Fines 0 -5 mm, Fe 60% | _ |
| Jul-23 | 3,150 | 2,600 | What happened |
| Aug-23 | 3,500 | 2,600 | Low-grade iron ore prices (Fe 57%) in |
| Sep-23 | 3,650 | 3,050 | Karnataka decreased by INR 100/t m-o-m in Sep. |
| Oct-23 | 4,500 | 3,600 | Iron ore prices were pressured by need-based |
| Nov-23 | 4,650 | 3,800 | procurement and volatility in low-grade exports, pellets, and sponge iron markets. However, |
| Dec-23 | 5,150 | 4,150 | they began to recover in the latter half of the |
| Jan-24 | 5,150 | 4,150 | month as market sentiment improved. |
| Feb-24 | 4,850 | 3,900 | What may happen |
| Mar-24 | 4,950 | 4,450 | NMDC Karnataka announced the list prices for its iron ore auction from Donimalai. Fines (-10 |
| Apr-24 | 4,850 | 4,350 | mm, Fe 59%) are at INR 3,698/t (\$44/t), up INR |
| May-24 | 4,850 | 3,700 | 398/t (\$5/t), while lumps (10-40 mm, Fe 59%) are at INR 4,268/t (\$51/t), up INR 459/t (\$5/t). |
| Jun-24 | 4,700 | 3,700 | Prices include royalty, DMF, and NMET. |
| Jul-24 | 4,300 | 3,200 | Domestic low-grade iron ore prices are expected to rise due to anticipated miner price |
| Aug-24 | 4,400 | 3,400 | hikes and regional supply concerns. |

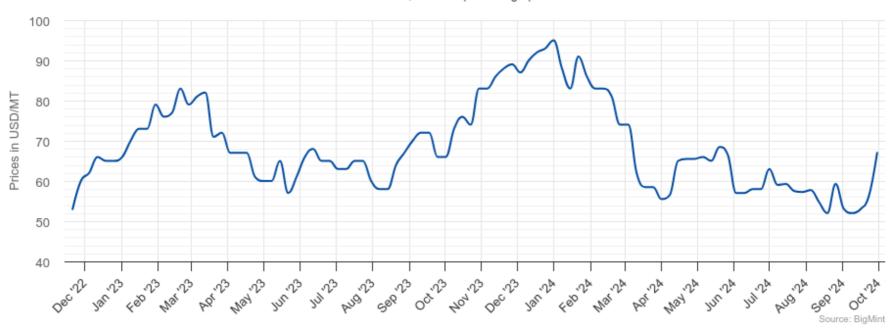
Note:

Royalty @ 15% & GST (18% on ore auction price; 18% on Royalty) Domestic prices in INR/MT.



India Iron Ore Export Prices Market Update





Monthly Average Price Table

FOB Paradip

| | FOB Paradip |
|--------|------------------------------------|
| Month | Fines, Fe 57% (India origin) |
| Jul-23 | 64 |
| Aug-23 | 61 |
| Sep-23 | 70 |
| Oct-23 | 72 |
| Nov-23 | 86 |
| Dec-23 | 90 |
| Jan-24 | 89 |
| Feb-24 | 81 |
| Mar-24 | 63 |
| Apr-24 | 61 |
| May-24 | 66 |
| Jun-24 | 58 |

59

56

55

Sentiments

What happened

- Iron ore export prices remained largely stable m-o-m in Sep following the hike in global spot, futures prices of iron ore with resumption of production in northern China. Recent macroeconomic developments are signalling positive momentum for the iron ore fines export market.
- Meanwhile, China's iron ore port inventories decreased to 148 mnt towards end-Sep against 150 mnt in end-Aug.

What may happen

 BigMint's India iron ore fines export index is expected to remain firm due to positive macroeconomic trends and rising global prices. With China returning from Golden Week, trading activity is likely to increase, especially as stimulus measures for the property and construction sectors take effect.

Note:

Jul-24

Aug-24

Sep-24

Custom Duty, GST extra Domestic prices in USD/MT.



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India Iron Ore Concentrate Prices Market Update



Monthly Average Price Table

Concentrates , Exw-Jabalpur

Sentiments

| | Jabalpur |
|--------|-----------------------|
| Month | -45 micron, Fe 63% |
| Jul-23 | 3,920 |
| Aug-23 | 3,890 |
| Sep-23 | 4,570 |
| Oct-23 | 4,540 |
| Nov-23 | 4,860 |
| Dec-23 | 5,260 |
| Jan-24 | 5,630 |
| Feb-24 | 5,700 |
| Mar-24 | 5,440 |
| Apr-24 | 4,380 |
| May-24 | 4,620 |
| Jun-24 | 4,840 |
| Jul-24 | 4,230 |
| Aug-24 | 3,980 |

What happened

- Iron ore concentrate prices fell by around INR 120/t m-o-m in Sep.
- Weak sentiment in the pellet and Odisha iron ore markets during the first half of the month, coupled with the prolonged monsoon rains, weighed on prices.
- Notably, the index reached a two-month high after NMDC's price revision and strong bids in OMC's iron ore auction towards the end of the month.

What may happen

• Iron ore concentrate offers are expected to remain firm due to the positive sentiment prevailing in the Odisha iron ore and pellet markets. Furthermore, trading activity is likely to pick up in the region.

Note

Sep-24

Inclusive of Royalty, DMF & NMET, GST extra Domestic prices in INR/MT.

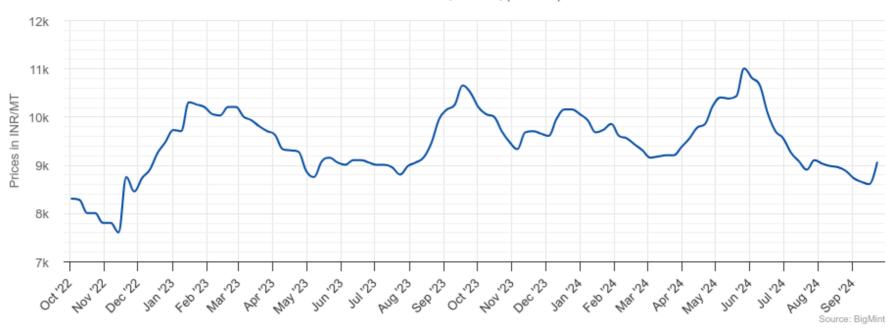
3,860



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India Domestic Pellet Prices Market Update

- PELLEX 6-20 mm, Fe 63%, (+/- 0.5%)



Monthly Average Price Table

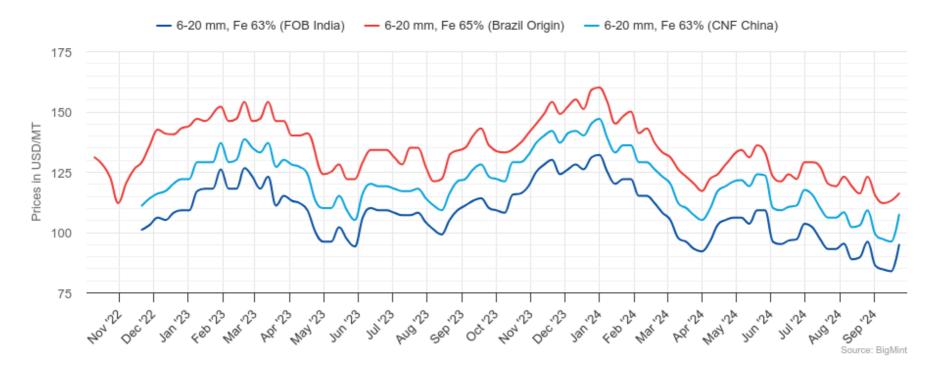
| ntiny Aver | rage Price Table | ; | | | |
|------------|-------------------------|------------------------|-----------------------------------|-----------------------------------|--|
| | Pellet, Exw- Bellary | Pellet, DAP- Kandla | Pellet, FOR Siding-Barbil | Pellet, Ex- Durgapur | Sentiments |
| Month | 6-20 mm, Fe 63% | 6-20 mm, Fe 64/63% | 6-20 mm, Fe 63%, (+/- 0.5%) | 6-20 mm, Fe 63%, (+/- 0.5%) | |
| Jul-23 | 10,370 | 10,800 | 7,610 | 8,350 | |
| Aug-23 | 11,300 | 10,870 | 7,920 | 8,400 | - |
| Sep-23 | 11,230 | 11,820 | 8,980 | 9,240 | What happened |
| Oct-23 | 10,540 | 11,820 | 8,460 | 8,840 | The monthly average domestic pellet index, |
| Nov-23 | 10,110 | 12,350 | 8,390 | 9,090 | PELLEX, dropped INR 210/t m-o-m in Sep. |
| Dec-23 | 10,620 | 12,800 | 8,740 | 9,600 | Decline in pellet exports resulted in diversion of |
| Jan-24 | 10,880 | 12,910 | 9,210 | 9,810 | supplies from eastern to central India which |
| Feb-24 | 10,650 | 12,250 | 8,660 | 9,450 | kept prices under pressure. |
| Mar-24 | 10,510 | 10,970 | 8,010 | 8,780 | What may happen |
| Apr-24 | 10,510 | 11,020 | 8,210 | 9,110 | Pellet prices are expected to remain strong due |
| May-24 | 10,540 | 12,030 | 8,890 | 9,760 | to the rise in NMDC's iron ore prices and |
| Jun-24 | 10,390 | 11,700 | 8,390 | 9,180 | increasing global offers. Additionally, the uptick in sponge iron and billet prices is likely to |
| Jul-24 | 9,890 | 11,030 | 7,510 | 8,370 | support this trend further. |
| Aug-24 | 9,570 | 10,270 | 7,170 | 7,890 | - • • • • • • • • • • • • • • • • • • • |
| Sep-24 | 9,410 | 9,990 | 7,050 | 7,860 | - |

Note:

GST extra GST @ 5% extra Domestic prices in INR/MT.



Global Pellet Prices Market Update



Monthly Average Price Table

| | Pellet, FOB East Coast, India | Pellet, CNF Rizhao, China | Pellet, CNF Qingdao, China |
|--------|-------------------------------------|---------------------------------------|--------------------------------------|
| Month | 6-20 mm, Fe 63% | 6-20 mm, Fe 65% (Brazil Origin) | 6-20 mm, Fe 63% (India Origin) |
| Jul-23 | 108 | 132 | 118 |
| Aug-23 | 104 | 126 | 114 |
| Sep-23 | 112 | 138 | 125 |
| Oct-23 | 112 | 135 | 125 |
| Nov-23 | 125 | 148 | 138 |
| Dec-23 | 128 | 154 | 142 |
| Jan-24 | 124 | 151 | 138 |
| Feb-24 | 112 | 138 | 127 |
| Mar-24 | 98 | 125 | 112 |
| Apr-24 | 99 | 123 | 113 |
| May-24 | 107 | 134 | 122 |
| Jun-24 | 96 | 122 | 110 |
| Jul-24 | 97 | 125 | 110 |
| Aug-24 | 92 | 120 | 106 |
| Sep-24 | 87 | 114 | 100 |

What happened

 Iron ore pellet export prices decreased by around \$5/t m-o-m in Sep.

Sentiments

- Indian pellet prices in the seaborne market faced downward pressure due to limited trading activity. Local pellet producers shifted their attention from exports to the domestic market where they achieved better realisations. With no bids coming from China, Indian producers adopted a wait-and-watch stance, hoping for an uptick in export prices.
- Meanwhile, China's portside pellet inventories decreased to 5.3 mnt towards end-Sep as against 5.6 mnt towards end-Aug.

What may happen

Pellet export prices are likely to experience volatility during the
 Chinese national holidays.

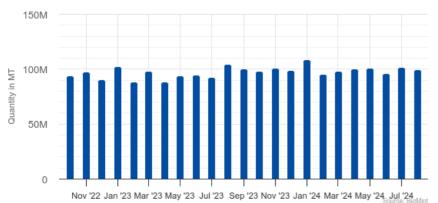
Note:

Custom Duty Domestic prices in USD/MT.



Statistical Indicators

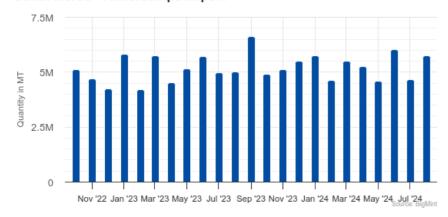
China - Fines/Lumps Import



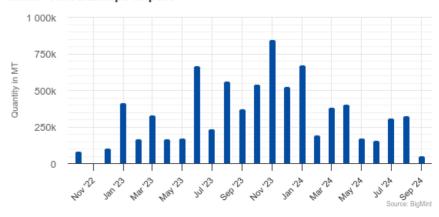
Japan - Fines/Lumps Import



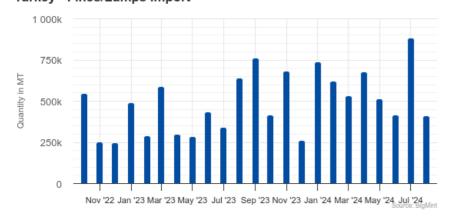
South Korea - Fines/Lumps Import



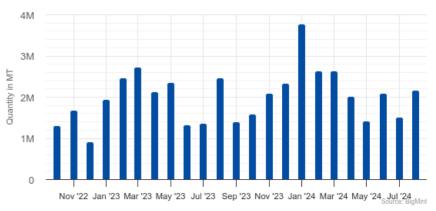
India - Fines/Lumps Import



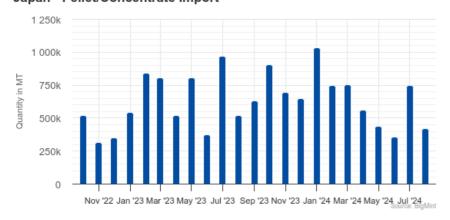
Turkey - Fines/Lumps Import



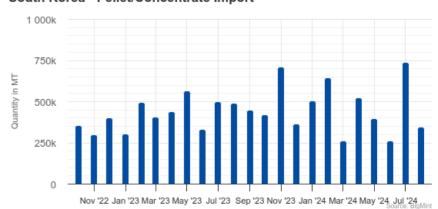
China - Pellet/Concentrate Import



Japan - Pellet/Concentrate Import

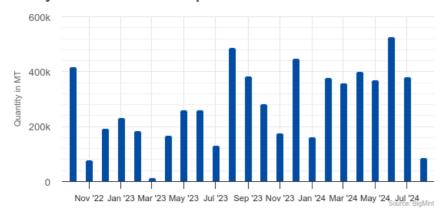


South Korea - Pellet/Concentrate Import





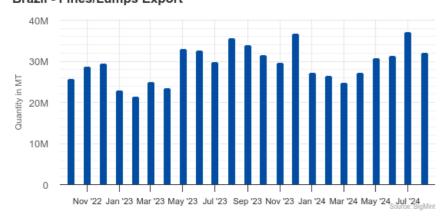
Turkey - Pellet/Concentrate Import



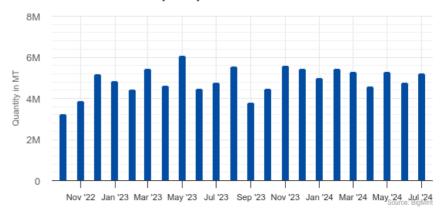
Australia - Fines/Lumps Export



Brazil - Fines/Lumps Export



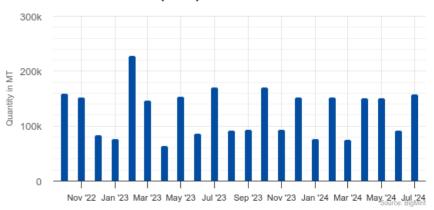
South Africa - Fines/Lumps Export



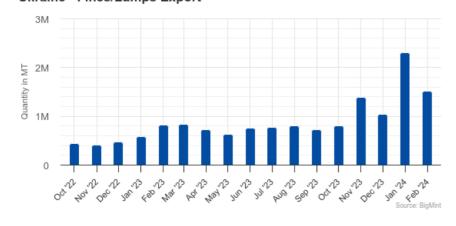
India - Fines/Lumps Export



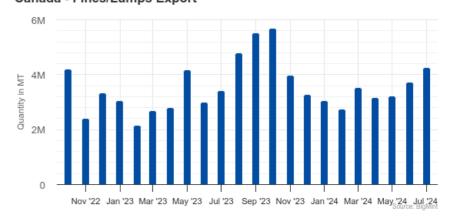
United States - Fines/Lumps Export



Ukraine - Fines/Lumps Export



Canada - Fines/Lumps Export



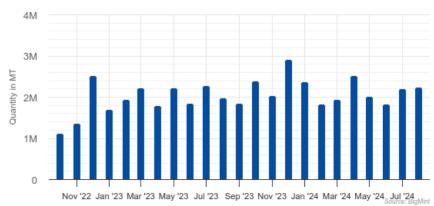
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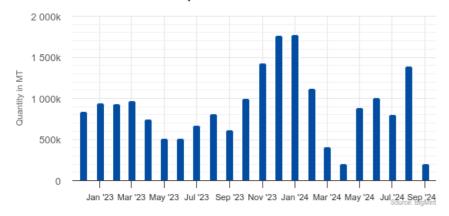
Australia - Pellet/Concentrate Export



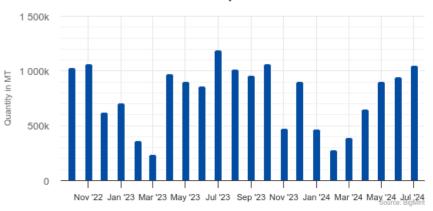
Brazil - Pellet/Concentrate Export



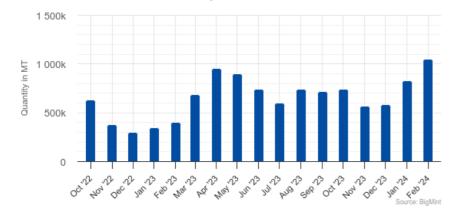
India - Pellet/Concentrate Export



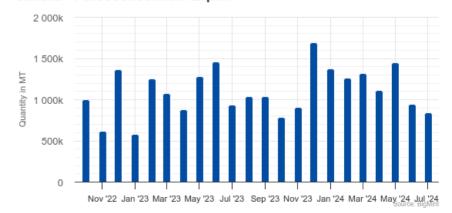
United States - Pellet/Concentrate Export



Ukraine - Pellet/Concentrate Export



Canada - Pellet/Concentrate Export





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Snapshot of India's Iron Ore Sales

Snapshot of Karnataka Iron Ore Auction - Sep'24



| Shapshot of Karnataka from Ore Auction - Sep 24 | | | | | | | | | | | (T) BIGMINT |
|---|------------------------|------------------|-------------------------|------------------------|---|--|----------------------|------------------------------|---|---|---|
| Month | Date of auction | Company | Mine | State | Material | Grade | Qty offered(in t) | Qty booked(in t) | Base Price(in INR/t) | Bid Price(in INR/t) | Тах |
| September | 2 Sep'24 | Vedanta | A. Narrain | Karnataka | Lumps(10-40) | Fe 50.5-51% | 16,000 | 8,000 8,000 | 2,400 2,400 | 2,400 2,690 | excluding royalty, DMF and NMET |
| September | 3 Sep'24 | SKMEPL | Ramanadurga | Karnataka | Lumps(10-40) Lumps(5-20) | Fe 63.16-64.45% Fe 61.31% | 24,000 | 4,000 | 6,100 6,200 | 6,100 | including royalty, DMF and NMET |
| September | 4 Sep'24 | Vedanta | A. Narrain | Karnataka | Lumps(20-40) Lumps(6-20) Lumps(10-40) | Fe 63.52% Fe 52.5-53% Fe 52.5% | 8,000 12,000 | 4,000 4,000 | 6,200 2,900 3,050 | 2,900 3,050 | excluding royalty, DMF and NMET |
| September | 4 Sep'24 | KSMCL | Thimmappanagudi | Karnataka | Lumps(10-40) Fines | Fe 45.69-59.31% Fe 52.39-52.88% | 253,202 | - | - | - | excluding royalty, DMF and NMET |
| September | 5 Sep'24 | KSMCL | Subbrayanahalli | Karnataka | Lumps(10-40) Fines | Fe 62.02-62.55% Fe 61.49-63.22% | 216,000 | 28,000 12,000 | 4,358-4,395 4,086-4,200 | 4,358-4,405 4,086-4,200 | excluding royalty, DMF and NMET |
| September | 6 Sep'24 | SMIORE | Sandur | Karnataka | Fines | Fe 55.1-57% | 24,000 | 24,000 | 2,540-2,870 | 2,570-3,030 | including royalty, DMF and NMET |
| September September | 10 Sep'24 13 Sep'24 | Vedanta NMDC | A. Narrain Donimalai | Karnataka Karnataka | Lumps(10-40) | Fe 54% Fe 59% | 20,000 | 8,000 | 3,200 3,809 | 3,200 4,109 | excluding royalty, DMF and NMET including royalty, DMF and NMET |
| September | 13 Sep'24 | NMDC | Kumaraswamy | Karnataka | Fines Lumps(10-40) Fines | Fe 59% Fe 59.58-64.41% Fe 60.53-64.56% | 348,000 | 32,000 128,000 220,000 | 3,300 3,704-4,677 3,302-3,996 | 3,320 4,464-5,877 3,652-4,897 | including royalty, DMF and NMET |
| September | 13 Sep'24 | SMIORE | Sandur | Karnataka | Lumps(5-20) Lumps(10-40) Lumps(20-40) | Fe 54.3-55.5% Fe 59.1% Fe 57.1% | 13,000 | 3,000 - 1,000 | 3,820-4,270 4,890 4,790 | 3,820-4,270 | including royalty, DMF and NMET |
| September | 14 Sep'24 | SMIORE | Sandur | Karnataka | Lumps(10-40) Lumps(20-40) | Fe 57-57.5% Fe 56-56.5% | 25,000 | 8,000 9,000 | 4,170 4,270-4,570 | 4,180 4,290-4,570 | including royalty, DMF and NMET |
| September | 16 Sep'24 | Vedanta | A. Narrain | Karnataka | Lumps(6-20) Lumps(10-40) | Fe 53% Fe 54% | 8,000 16,000 | 8,000 4,000 | 2,920 3,100 | 2,920 3,100 | excluding royalty, DMF and NMET |
| September | 17 Sep'24 | SKMEPL | Ramanadurga | Karnataka | Lumps(5-20) Lumps(10-40) Lumps(20-40) | Fe 61.31% Fe 63.13-63.92% Fe 63.52% | 48,000 | - | 6,000 5,800-6,100 6,150 | - | including royalty, DMF and NMET |
| September | 21 Sep'24 | Vedanta | A. Narrain | Karnataka | Lumps(10-40) | Fe 53% | 16,000 | 8,000 | 2,930 | 2,930 | excluding royalty, DMF and NMET |
| September | 23 Sep'24 | KSMCL | Subbrayanahalli | Karnataka | Lumps(10-40) Fines | Fe 62.02-63.82% Fe 61.49-63.22% | 220,000 | 60,000 92,000 | 4,426-4,555 3,882-3,990 | 4,426-4,715 3,882-4,000 | excluding royalty, DMF and NMET |
| September | 23 Sep'24 | NMDC | Donimalai | Karnataka | Lumps(10-40) Fines | Fe 59% Fe 59% | 48,000 | 12,000 36,000 | 3,809 3,300 | 4,924-4,949 3,400-3,410 | including royalty, DMF and NMET |
| September | 24 Sep'24 | KSMCL | Thimmappanagudi | Karnataka | Lumps(10-40) Fines | Fe 45.69-59.31% Fe 52.39-52.88% | 253,202 | - | - | - | excluding royalty, DMF and NMET |
| September | 27 Sep'24 | U Krishna Prasad | Dharmapura | Karnataka | Lumps(10-40) Fines | Fe 60.71-62.71% Fe 58.75-64.10% | 22,900 | 12,000 | 5,500 4,760-5,820 | 5,500 | including royalty, DMF and NMET |
| September | 27 Sep'24 | NMDC | Kumaraswamy | Karnataka | Lumps(10-40) Fines | Fe 60.96-63.91% Fe 55.13-61.35% | 272,000 | 144,000 128,000 | 3,982-4,577 2,372-3,443 | 4,692-5,937 2,462-4,263 | including royalty, DMF and NMET |
| September | 28 Sep'24 | SMIORE | Sandur | Karnataka | Lumps(5-20) Lumps(10-40) Lumps(20-40) | Fe 55.5-56.2% Fe 56.5-59.10% Fe 56-57.2% | 43,000 | 9,000 19,000 11,000 | 4,330-4,660 4,020-4,830 4,230-4,760 | 4,330-4,670 4,020-4,830 4,700-5,610 | including royalty, DMF and NMET |



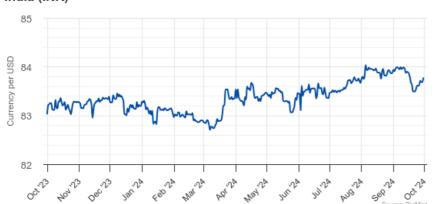
Snapshot of India's Iron Ore Sales

| | | | Snapshot of Odisha Iron Ore Auction - Sep'24 | | | | | | | (f) BIGMINT | |
|--------------|------------------------|------------|--|--------|-------------------|-----------------------|-------------------------|---------------------|-------------------------|---------------------------|--|
| Month | Date of auction | Company | Mine | State | Material | Grade | Qty offered(in t) | Qty booked(in t) | Base Price(in INR/t) | Bid Price(in INR/t) | Тах |
| September | 2 Sep'24 | JSW | Jajang | Odisha | Fines | Fe 54% | 300,000 | 47,400 | 1,400 | 1,400 | ex-mines/plot, including royalty, DMF and NMET |
| September | 3 Sep'24 | SAIL | Barsua | Odisha | Iron ore tailings | Fe 58.4% Fe 58.28% | 39,600 | 19,840 19,760 | 2,375 2,375 | 3,125 2,975 | including royalty, DMF, NMET and extra premium |
| September | 4 Sep'24 | ESL | BICO/Feegrade | Odisha | CLO(10-40) | Fe 60% | 10,000 | 10,000 | 4,470 | 4,670 | ex-mines/plot, including royalty, DMF and NMET |
| - | , | Sep'24 ESL | BICO/Feegrade | Odisha | CLO(10-40) | Fe 60% | 5,000 | 1,000 | 4,570 | 4,570 | |
| September | 11 Sep'24 | | | | CLO(5-18) | Fe 61% | 5,000 | 5,000 | 5,000 | 5,150-5,200 | ex-mines/plot, including royalty, DMF and NMET |
| September | 17 Sep'24 | JSW | Jajang | Odisha | Fines | Fe 54% | 98,750 | 39,500 | 1,400 | 1,400 | ex-mines/plot, including royalty, DMF and NMET |
| September | 20 Sep'24 | SAIL | Barsua | Odisha | Lumps | Fe 61% | 4,720 | | 5,475 | - | including royalty, DMF, NMET and extra premium |
| September | 20 Sep'24 | OMC | Gandhamardan (Block A) | Odisha | Lumps(10-40) | Fe 62% | 20,000 | 20,000 | 3,950 | 4,700 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Gandhamardan (Block B) | Odisha | Lumps(10-40) | Fe 62% | 325,000 | 325,000 | 4,150 | 4,650 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Koira | Odisha | Lumps(10-40) | Fe 62% | 30,000 | 30,000 | 4,550 | 5,000 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Daitari | Odisha | Lumps(10-40) | Fe 62% | 40,000 | 40,000 | 4,360 | 5,360 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Tiring Pahar | Odisha | Lumps(10-40) | Fe 65% | 4,000 | 4,000 | 6,000 | 6,000 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Tiring Pahar | Odisha | Lumps(10-40) | Fe 62% | 20,000 | 20,000 | 5,750 | 5,750 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep 24 20 Sep 24 | OMC | Guali | Odisha | Lumps(5-18) | Fe 62% | 80,000 | 80,000 | 4,405 | 5,255 | ex-mines, including royalty, DMF, NMET |
| | 20 Sep 24 20 Sep 24 | OMC | Guali | Odisha | Lumps(18-40) | Fe 62% | 50,000 | 50,000 | 4,850 | 5,650 | |
| September | | OMC | | | | Fe 62% | | | | | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | | Jilling | Odisha | Lumps(5-18) | | 200,000 | 200,000 | 5,650 | 5,850 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Jilling | Odisha | Lumps(18-40) | Fe 62% | 100,000 | 100,000 | 5,550 | 6,800 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Apahatu quarry of Jilling | Odisha | Lumps(5-18) | Fe 62% | 16,000 | 16,000 | 4,550 | 5,350 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Apahatu quarry of Jilling | Odisha | Lumps(18-40) | Fe 62% | 40,000 | 40,000 | 4,450 | 5,800 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Khandbandh | Odisha | Lumps(10-40) | Fe 62% | 30,000 | 30,000 | 5,450 | 5,500 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Banspani | Odisha | Lumps(10-40) | Fe 62% | 25,000 | 25,000 | 4,450 | 4,600 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Unchabali | Odisha | Lumps(10-40) | Fe 62% | 13,000 | 13,000 | 3,700 | 4,800 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Unchabali | Odisha | Lumps(10-40) | Fe 58% | 20,000 | 20,000 | 3,250 | 3,900 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Roida C | Odisha | Lumps(5-18) | Fe 60% | 8,000 | 8,000 | 4,350 | 6,050 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Gandhamardan (Block A) | Odisha | Fines | Fe 60-62% | 150,000 | 150,000 | 3,050 | 3,400 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | ОМС | Gandhamardan (Block B) | Odisha | Fines | Fe 60-62% | 300,000 | 300,000 | 3,250 | 3,750 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Daitari | Odisha | Fines | Fe 60-62% | 80,000 | 80,000 | 3,770 | 4,070 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Daitari | Odisha | Fines | Fe 62-65% | 80,000 | 80,000 | 3,950 | 4,750 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Tiring Pahar | Odisha | Fines | Fe 60-62% | 12,000 | 12,000 | 3,300 | 4,200 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Tiring Pahar | Odisha | Fines | Fe 62-65% | 4,000 | 4,000 | 3,740 | 4,640 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Guali | Odisha | Fines | Fe 60-62% | 200,000 | 200,000 | 3,450 | 4,250 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Guali | Odisha | Fines | Fe 62-65% | 4,000 | 4,000 | 3,700 | 4,650 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Guali | Odisha | Fines | Fe 65+% | 4,000 | 4,000 | 3,879 | 4,879 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Jilling | Odisha | Fines | Fe 60-62% | 325,000 | 325,000 | 3,550 | 4,350 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Jilling | Odisha | Fines | Fe 55-58% | 20,000 | 20,000 | 1,520 | 2,770 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Koira | Odisha | Fines | Fe 60-62% | 30,000 | 30,000 | 3,050 | 3,800 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Khandbandh | Odisha | Fines | Fe 60-62% | 40,000 | 40,000 | 3,000 | 3,700 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Banspani | Odisha | Fines | Fe 60-62% | 40,000 | 40,000 | 3,350 | 3,600 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Banspani | Odisha | Fines | Fe 62-65% | 4,000 | 4,000 | 3,600 | 4,350 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Banspani | Odisha | Fines | Fe 65+% | 4,000 | 4,000 | 3,720 | 4,970 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Unchabali | Odisha | Fines | Fe 60-62% | 60,000 | 60,000 | 3,350 | 3,800 | ex-mines, including royalty, DMF, NMET |
| | 20 Sep'24 | ОМС | Unchabali | Odisha | Fines | Fe 62-65% | 4,000 | 4,000 | 3,600 | 4,400 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Unchabali | Odisha | Fines | Fe 65+% | 4,000 | 4,000 | 3,774 | 4,724 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Roida C | Odisha | Fines | Fe 55-58% | 4,000 | 4,000 | 1,420 | 2,370 | ex-mines, including royalty, DMF, NMET |
| September | 20 Sep'24 | OMC | Roida C | Odisha | Fines | Fe 58-60% | 8,000 | 8,000 | 2,660 | 3,410 | ex-mines, including royalty, DMF, NMET |
| September | 23 Sep'24 | ESL | BICO/Feegrade | Odisha | CLO(10-40) | Fe 60% | 10,000 | 10,000 | 4,970 | 4,520 | ex-mines/plot, including royalty, DMF and NMET |
| September | | OMDC | Bagiaburu | Odisha | CLO(10-40) | e 58.42-60.249 | 7,505 | 7,505 | 3,250-3,570 | | ex-mines, excluding royalty, DMF and NMET |
| September | | SAIL | Bolani | Odisha | Dump fines | e 55.30-58.40% | | 20,000 | 2,650 | 2,800 | including royalty, DMF, NMET and extra premium |
| Source: BigM | | O, IIE | Soluin | Calona | 24 | 2 00.00 00.407 | ,500 | 20,000 | 2,300 | 2,500 | |

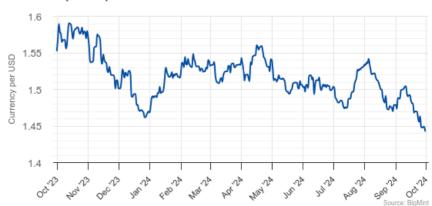


Currency Indicators (USD)

India (INR)



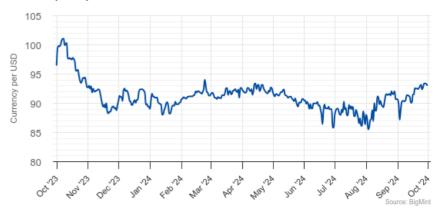
Australia (Dollar)



South Africa (Rand)



Russia (RUB)







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