

MMi Dashboard

Iron Ore Price Indices

Iron Ore Port Stock (FOT Qingdao) IOPI62 62% Fe Fines RMB/t

679

0 0.00%

April 17th, 2020

Iron Ore Port Stock (FOT Qingdao) IOPI65 65% Fe Fines RMB/t



823

19 2.36%

April 17th, 2020

Iron Port Stock (FOT Qingdao) IOPI58 58% Fe Fines RMB/t



-0.17%

April 17th, 2020

Iron Ore Seaborne (CFR Qingdao) IOSI62 62% Fe Fines USD/dmt



84.80

-0.10 -0.12%

April 17th, 2020

Iron Ore Seaborne (CFR Qingdao) IOSI65 65% Fe Fines USD/dmt



102.40

1.10 1.09%

April 17th, 2020

Iron Ore Port Stock (FOT Qingdao) IOPLI 62.5% Fe Lump RMB/t



834

10 1.21%

Week Ending April 17th, 2020

Exchange Traded Contracts

DCE Iron Ore 62% Fines I2009 (Sep) RMB/t (3pm close)



612.00

6.00 0.99%

April 17th, 2020

(3pm close)

SGX Iron Ore (CFR Qingdao) 62% Fe Fines May'20 USD/dmt



83.02

0.48 0.58%

(5.30 pm Print) April 17th, 2020

SHFE Rebar RB2010 (Oct) RMB/t



4.00-0.12%

April 17th, 2020

(3pm close)

Freight Rates

C3, Tubarao - Qingdao USD/t



11.89

0.17 1.45%

Aril 16th, 2020

C5, W. Australia - Qingdao USD/t



4.69

0.22 4.88%

Aril 16th, 2020

Steel Rebar (China Domestic) RMB/t

Steel Price



3480

60 1.75%

Week Ending April 10th, 2020

Inventory Levels

Iron Ore Inventory at Chinese Ports (35) million tonnes

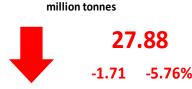


108.14

-0.29 -0.27%

Week Ending April 17th, 2020

Steel Inventory in China



Week Ending April 10th, 2020

Steel Price

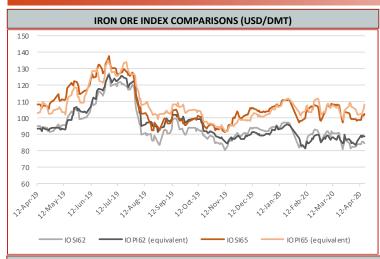
Steel HRC (China Domestic) RMB/t

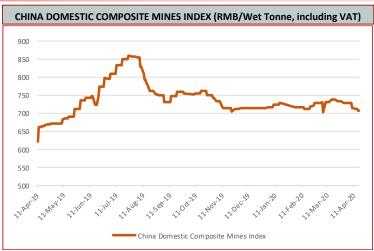


3300 100 3.13%

Week Ending April 10th, 2020

| MMi D | aily Ir | on Or | re Index | Report | | | | | | | | | | April : | 17th, 20 | 20 |
|--|---|--------------------|-----------------|------------------|----------------|----------------|---|------------------|-------------------|----------------------------------|------------------------|-----------------------|--|-------------------------|---------------------------|------------------------|
| | | | | | | | IRON C | ORE PORT S | TOCK INDEX | (IOPI) | | | | | | |
| April 17th | , 2020 | | | FOT C | Qingdao | inc. 13% V | AT), RMB/we | et tonne | | | CFR Qingo | dao Equival | ent (exc. 139 | % VAT), USD | dry tonne | 1 |
| Index | Fe Co | ntent | Price | Change | Change | % MT | D YTD | Low ² | High ² | Price | Change | Change S | % MTD | YTD | Low ² | High ² |
| IOPI62 | 62% F | e Fines | 679 | 0 | 0.0% | 666 | 672 | 619 | 928 | 88.55 | 0.00 | 0.0% | 86.82 | 88.59 | 81.37 | 126.12 |
| IOPI58 | 58% F | e Fines | 584 | -1 | -0.2% | 574 | 578 | 531 | 823 | 76.46 | -0.14 | -0.2% | 75.11 | 76.45 | 70.02 | 112.44 |
| IOPI65 | 65% F | e Fines | 823 | 19 | 2.4% | 79 | 7 800 | 696 | 992 | 108.14 | 2.58 | 2.4% | 104.64 | 106.18 | 91.81 | 135.34 |
| | | | IR | ON ORE SE | ABORNI | INDEX (I | OSI) | | | | | MAR | кет сомм | ENTARY | | |
| April 17th | , 2020 | | | | CFR C | ingdao, US | D/dry tonne | | | 20.55 million mt l | ower than a year ag | o. Daily average deli | ports totalled 108.14 m veries from the 35 port | s increased 24,000 mt | from a week ago to | 2.75 million mt this |
| Index | Fe Co | ntent | Price | Change | Change | % MT | D YTD | Low ² | High ² | port drove some s | steel mills to increas | e purchases from Ca | s in Tangshan. Low avai rofeidian port. Daily ave rrivals allowed port sto | erage deliveries from r | - najor ports in Shand | ong declined as steel |
| IOSI62 | 62% F | e Fines | 84.80 | -0.10 | -0.129 | 6 83.6 | 5 88.98 | 80.40 | 127.50 | | the back of strong | | Trivals anowed port sto | eks to lun. Denvenes n | om porcoure interly t | o mercuse siignely iii |
| IOSI65 | 65% F | e Fines | 102.40 | 1.10 | 1.099 | 100.0 | | | 137.95 | (12211) | | | | | | |
| Week Endir | ng April | 17th, | | FOT | inadaa (| ina 139/ W | AT), RMB/we | | JMP INDEX | (IOPLI) | | | | /./.=\o= | | 3 |
| 2020 | F. 0. | | n.* | | | | | | 2 | n.* | | • | ent (exc. 13% | | <u> </u> | |
| Index | | ntent | Price | W-o-W | Change | | | Low ² | High ² | Price | W-oW | Change 9 | | YTD | Low ² | High ² |
| IOPLI62 | 62.5% | Fe Lump | 834 | 10 | 1.2% | 832 OMESTIC | | 763 | 1051 | 105.38 | 1.42 | 1.37% | 104.92 | 107.82 | 93.24 | 133.81 |
| Week Ending April 10th, 2020 RMB/tonne (excluding tax) 3 USD/tonne (excluding tax) 3 | | | | | | | | | | | | | | | | |
| Province | | Region | Product | | Basis | This we | | tonne (exciu | Low 2 | High ² | Thi | s week | Change % | | | High ² |
| Hebei | | Hanxing | 66% Fe (| Concentrate | Dry | 781 | | 5% | 763 | 1032 | 1 | 10.65 | -1.17% | 109. | 21 | 150.03 |
| Hebei | | Qian'an | | Concentrate | ' | 780 | | 9% | 735 | 960 | | 10.51 | -4.54% | 109. | | 139.35 |
| Liaoning | | Anshan | | Concentrate | ' | 650 | -1. | 5% | 565 | 720 | | 92.09 | -1.17% | 84.: | | 104.66 |
| Shandong | | Zibo | | Concentrate | | 865 | | 7% | 785 | 1040 | 1 | 22.55 | -1.36% | 113. | | 151.33 |
| Week Endin | ng April 1 | 0th, 2020 | | | This | veek | Change % | Low ² | | | | | | | | |
| China Mines | China Mines Concentrate Composite Index RMB/WT 713.98 -1.98% 621.60 859.50 3 Weekly exchange rate applied: RMB/USD 7.0508 | | | | | | | | | | | | | | | |
| | IRON ORE PORT INDEX, FOT QINGDAO (RMB/WT) IRON ORE SEABORNE INDEX, CFR QINGDAO (USD/DMT) | | | | | | | | | | | | | | | |
| 450 | | | | | | | 130 — 120 — 110 — 100 — | AND LEWIND Y | And course | | Se 19 Jener 19 Je | Special Jennia | Valency Come | ~~ ~~ ~~ | | |
| 18 Val. 18 | k. ~ | , ~ | —— IO PI | | OPI58 = | — 10 PI 6 | | | 70 | ., | | 10 SI6: | | | | Α, |
| | | | | IR | ON ORE | PORT STO | OCK INDEX N | ΛΟΝΤΗLY, (| QUARTERLY | AND YEAR | R-TO-DAT | E AVERAG | ES | | | |
| April 17th | , 2020 | | | FOT | Qingdao | (inc. 13% \ | /AT), RMB/we | et tonne | | | CFR Qing | gdao Equiva | lent (exc. 13 | % VAT), USD | /dry tonne | |
| Index | Fe Co | ontent | December | January | Februa | y Marc | h MTD | QTD | YTD | Decembe | r January | Februar | y March | MTD | QTD | YTD |
| IOPI62 | 62% F | e Fines | 683 | 706 | 655 | 667 | 666 | 666 | 672 | 89.84 | 94.23 | 86.23 | 87.61 | 86.82 | 86.82 | 88.59 |
| IOPI58 | 58% F | e Fines | 592 | 600 | 563 | 577 | 574 | 574 | 578 | 78.18 | 80.46 | 74.33 | 76.20 | 75.11 | 75.11 | 76.45 |
| IOPI65 | 65% F | e Fines | 764 | 808 | 797 | 798 | 797 | 797 | 800 | 100.90 | 108.54 | 105.84 | 105.60 | 104.64 | 104.64 | 106.18 |
| IRO | N ORE | SEABOF | RNE INDEX | (MONTHL | Y, QUAF | TERLY A | ND YEAR-TO- | DATE AVE | RAGES | | | ı | FREIGHT RA | TES | | |
| April 17th | 1 | | | | | | SD/dry tonne | | | Aril 16th, 202 | | | | RATES - DRY BU | | |
| Index | | | | January | Februa | • | | QTD | YTD | Route | | ignation | Change | Change % | Low 2 | High ² |
| IOSI62 IOSI65 | | e Fines e Fines | 92.64 104.14 | 93.85 107.56 | 87.46 102.9 | | | 83.65 100.00 | 88.98 104.46 | W. Australia - Tubarao - Qing | - | C5 4.6 9 | | 4.88% 1.45% | 4.00 9.20 | 11.42 29.10 |
| 103103 | 03/01 | erilles | 104.14 | | | | | | | | - | | | 1.45% | 9.20 | 29.10 |
| Week Endin | ng April ' | 17th, | | | | | MP INDEX N /AT), RMB/w | | (UAKTEKLÝ | AND TEAK | | | :5 lent (exc. 13 | % VAT\ 1165 | /dry tonna | , 1 |
| 2020 Index | Ec C | ontor* | Decomb | | | | | | VTD | Decomb | | | | | • | |
| Index IOPLI62 | | ontent Fe Lump | Decembe 825 | r January 868 | Februa 834 | iry Mar 86 | | QTD 832 | YTD 852 | Decembe 97.89 | r January 108.99 | | • | MTD 104.92 | QTD 104.92 | YTD 107.82 |
| .5. 1102 | 32.570 | ap | 023 | 000 | 034 | 30 | | | MIUMS/DI | | 100.33 | 100.13 | 110.40 | 107.32 | 104.32 | 107.02 |
| April 17th, | 2020 | | | | DODT C | LUCK INDE | ((RMB/WT) | - MULA FAI | April 17th, 2 | | | | CEAROS | RNE INDEX (U | SD/DM#1 | |
| Index | 2020 | Fe Co | ntent | Spread | to IOPI62 | | % Spread to | o IOPI62 | Index | | Content | Spr | ead to IOSI62 | • | % Spread to | o IOSI62 |
| IOPI58 | | 58% Fe | | • | 95 | | -13.99 | | | | | | | | | |
| IOPI65 | | 65% Fe | e Fines | 1 | 44 | | 21.21 | .% | IOSI65 | 659 | % Fe Fines | | 17.60 | | 20.75 | % |

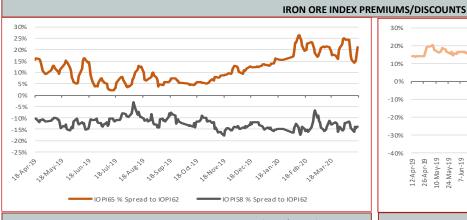




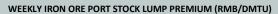
| IRON ORE BRAND SPOT PRICE ASSESMENTS | | | | | | | | | | |
|--------------------------------------|---------------------------|-----------------------|-----|-------------------------|--------|---------------|----------------|--|--|--|
| April 17th, 2020 | PORT STOCK INDEX (RMB/WT) | | | April 17th, 2020 | SEABC | RNE INDEX (US | D/DMT) | | | |
| | Price | Change Diff to IOPI62 | | | Price | Change | Diff to IOSI62 | | | |
| Roy Hill | 635 | -3 | -44 | Roy Hill | 80.31 | -0.10 | -4.49 | | | |
| SIMEC Fines | 617 | -4 | -62 | SIMEC Fines | 77.69 | -0.10 | -7.11 | | | |
| PB Fines | 664 | -2 | -15 | PB Fines | 84.46 | -0.10 | -0.34 | | | |
| Newman Fines | 677 | 1 | -2 | Newman Fines | 86.19 | -0.07 | 1.39 | | | |
| MAC Fines | 649 | -3 | -30 | MAC Fines | 79.54 | -0.60 | -5.26 | | | |
| Jimblebar Blended Fines | 610 | -6 | -69 | Jimblebar Blended Fines | 72.26 | -1.73 | -12.54 | | | |
| Carajas Fines | 824 | 21 | 145 | Carajas Fines | 102.39 | 1.38 | 17.59 | | | |
| Brazilian SSF | 686 | 13 | 7 | Brazilian SSF | 88.24 | 0.53 | 3.44 | | | |
| Brazilian Blend Fines | 701 | 9 | 22 | Brazilian Blend Fines | 88.61 | 0.27 | 3.81 | | | |
| RTX Fines | 643 | -7 | -36 | RTX Fines | 77.91 | -0.73 | -6.89 | | | |
| West Pilbara Fines | 638 | -4 | -41 | West Pilbara Fines | 78.41 | -0.10 | -6.39 | | | |

| April 17th, 2020 | PORT | PORT STOCK INDEX (RMB/WT) | | | | | |
|-------------------|-------|---------------------------|----------------|--|--|--|--|
| | Price | Change | Diff to IOPI58 | | | | |
| SSF | 534 | -5 | -50 | | | | |
| FMG Blended Fines | 572 | -1 | -12 | | | | |
| Robe River | 540 | -3 | -44 | | | | |
| Western Fines | 531 | -8 | -53 | | | | |
| Atlas Fines | 599 | 2 | 15 | | | | |
| Yandi | 598 | -7 | 14 | | | | |

| | | | | IRON ORI | INDEX NORM | ALISATION DIFFER | ENTIALS | | | | |
|------------|---------------|---|-----------|-------------------|------------------|----------------------|--------------|--|---|---------------|--------|
| Por | t Stock Index | Product Differ | entials (| RMB/wet ton | ne) | Sea | aborne Inde | x Product Dif | ferentials (| USD/dry tonne | e) |
| | App | plicable range | | Value | Change | | A | pplicable rang | ge | Value | Change |
| | High Grade | e Fe 60 - 63% | | 11.00 | 2.00 | | High Grad | de Fe 60 - 63% | 6 | 3.25 | 0.00 |
| | High Grade | e Fe 63 - 64% | | 6.00 | 2.00 | | High Grad | de Fe 63 - 64% | 6 | 3.75 | 0.25 |
| l% Fe | High Grade | e Fe 64 - 65% | | 6.00 | 2.00 | 1% Fe | High Grad | de Fe 64 - 65% | 6 | 3.75 | 0.25 |
| | High Grade | e Fe 65 - 65.5% | | 6.00 | 2.00 | | High Grad | High Grade Fe 65 - 65.5% | | 3.75 | 0.25 |
| | Low Grade | Fe | | 2.00 | 1.00 | | | | | | |
| | High Fe Gra | de Al <2.25% | | 40.00 | 10.00 | | High Fe G | rade Al <2.25 | 5% | 3.25 | 0.50 |
| 1% Alumina | High Fe Gra | ade Al 2.25-4% | | 1.00 | 0.00 | 40/ 41 | High Fe G | rade Al 2.25- | 4% | 0.75 | 0.00 |
| | Low Fe Gra | de Al <2.25% | | 48.00 | -3.00 | 1% Alumina | | | | | |
| | Low Fe Gra | de Al 2.25-4% | | 41.00 | 0.00 | | | | | | |
| | High Fe Gra | ade Si <4% | | 35.00 | 2.00 | | High Fe G | rade Si <4% | | 1.75 | 0.25 |
| .% Silica | High Fe Gra | High Fe Grade Si 4-6.5% | | 23.00 | 0.00 | 1% Silica | High Fe G | High Fe Grade Si 4 - 6.5% | | 0.25 | 0.00 |
| | Low Fe Gra | Low Fe Grade | | | 3.00 | | | | | | |
| | High Fe Gra | ade 0.09% <p<0< td=""><td>.115%</td><td>4.00</td><td>1.00</td><td>0.01%</td><td>High Fe G</td><td>rade 0.09%<f< td=""><td>P<0.115%</td><td>0.75</td><td>0.25</td></f<></td></p<0<> | .115% | 4.00 | 1.00 | 0.01% | High Fe G | rade 0.09% <f< td=""><td>P<0.115%</td><td>0.75</td><td>0.25</td></f<> | P<0.115% | 0.75 | 0.25 |
| 0.01% | High Fe Gra | ade 0.115% <p<< td=""><td>0.15%</td><td>3.00</td><td>1.00</td><td>Phosphorus</td><td>High Fe G</td><td>rade 0.115%</td><td><p<0.15%< td=""><td>0.50</td><td>0.00</td></p<0.15%<></td></p<<> | 0.15% | 3.00 | 1.00 | Phosphorus | High Fe G | rade 0.115% | <p<0.15%< td=""><td>0.50</td><td>0.00</td></p<0.15%<> | 0.50 | 0.00 |
| Phosphorus | Low Fe Gra | de 0.09 <p<0.19< td=""><td>%</td><td>1.00</td><td>-1.00</td><td>'</td><td> -</td><td colspan="2">0</td><td></td><td></td></p<0.19<> | % | 1.00 | -1.00 | ' | - | 0 | | | |
| | | | Port | Stock Price Diffe | rentials to Qing | dao Port for PB Fine | s (RMB/wet t | onne) | | | |
| Port | Value | Change | Por | rt Valu | e Change | e Port | Value | Change | Port | Value | Change |
| ayuquan | -35.00 | 0.00 | Fangche | eng -5.00 | 0.00 | Lanshan | 0.00 | 0.00 | Qingdao | 0.00 | 0.00 |
| Beilun | -10.00 | 0.00 | Jiangyin | -20.0 | 0.00 | Lianyungang | 0.00 | 0.00 | Rizhao | 0.00 | 0.00 |
| Caofeidian | -10.00 | 0.00 | Jingtang | -10.0 | 0.00 | Majishan | 0.00 | 0.00 | Shekou | 0.00 | 0.00 |
| Dalian | -35.00 | 0.00 | Lanqiao | 0.00 | 0.00 | Nantong | -20.00 | 0.00 | Tianjin | -15.00 | 0.00 |

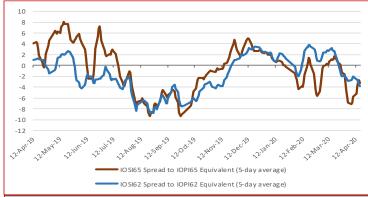




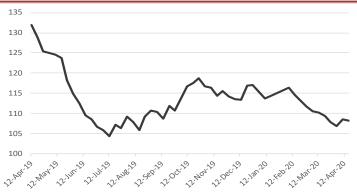








TOTAL IRON ORE INVENTORIES AT CHINA PORTS (MILLION TONNES)



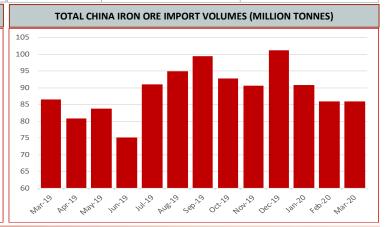
| | FUTURE TRADING—FRONT MONTH CLOSING PRICE | |
|---|--|-------------|
| 7 | 1000 — | 130 |
| | 900 | 120 |
| | ψ 800 | 110 |
| | E | 100 |
| | 9 800 700 700 700 700 700 700 700 700 700 | 100 LWQ/QSN |
| | £ 600 | ₹ 80 |
| | 500 | 70 |
| | 400 | - 60 |
| | Salaris Maris Huris Binis Brang Breezis Caris Maris Cacris Haris Cacris Brango | |
| | —— Dalian 3pm Close —— SGX Front Month 6pm (RHS) | |

IRON ORE PORT INVENTORIES (MILLION TONNES)

| Week Ending April 17th, 2020 | | | | | | | | | | |
|------------------------------|-----------|----------|------------------|-------------------|--|--|--|--|--|--|
| Province | This week | Change % | Low ² | High ² | | | | | | |
| Jingtang | 14.39 | 2.35% | 10.80 | 17.00 | | | | | | |
| Qingdao | 12.65 | -3.21% | 12.38 | 17.13 | | | | | | |
| Caofeidian | 14.21 | -0.21% | 13.47 | 17.71 | | | | | | |
| Tianjin | 8.08 | 2.54% | 6.37 | 8.08 | | | | | | |
| Rizhao | 11.61 | 0.09% | 11.41 | 16.48 | | | | | | |
| Total (35 Ports) | 108.14 | -0.27% | 104.40 | 131.93 | | | | | | |

| | | D | CE (RMB/WN | IT) | SGX (USD/DMT) | | | | |
|---|----------------------------|--------|---------------|----------|---------------------|--------|----------|--|--|
| 2 | Closing Date | April | 17th, 3.00 pn | n close | April 17th, 5.30 pm | | | | |
|) | Contract | 12009 | Change | Change % | May'20 | Change | Change % | | |
| 3 | Closing Price | 612.00 | 6.0 | 0.99% | 83.02 | 0.48 | 0.58% | | |
| | Vol traded ('000 lots) | 103.28 | 3.01 | 3.00% | 18.37 | 6.07 | 49.33% | | |
| | Open positions ('000 lots) | 62.06 | -0.53 | -0.84% | 156.00 | 3.48 | 2.28% | | |
| 3 | Day Low | 606.5 | 9.5 | 1.59% | 82.52 | 0.52 | 0.63% | | |
| 3 | Day High | 621.5 | 11.0 | 1.80% | 84.08 | 1.10 | 1.33% | | |

IRON ORE FUTURES CONTRACTS



Colour Coated Plate

STEEL SPOT MARKET PRICES—CHINA

CHINESE STEEL CONSUMPTION

| Steel Spot Market RMB/tonne | | | |
|---------------------------------|-----------|--------|----------|
| Product | 10/4/2020 | Change | Change % |
| ReBar HRB400 ф18mm | 3,480.0 | 60 | 1.75% |
| Wirerod Q300 ¢6.5mm | 3,630.0 | 70 | 1.97% |
| HRC Q235/SS400 5.5mm*1500*C | 3,300.0 | 100 | 3.13% |
| CRC SPCC/ST12 1.0mm*1250*2500 | 3,690.0 | 10 | 0.27% |
| Medium & Heavy Plate Q235B 20mm | 3,590.0 | 10 | 0.28% |
| GI ST02Z 1.0mm*1000*C | 4,010.0 | 0 | 0.00% |

6,450.0

-100

-1.53%



| SMM Tracking of Steel Mill P&L - Rebar and Hot-rolled Coil (RMB/tonne) | | | | | | | | | |
|--|-------|--------------|---|--|--|--|--|--|--|
| Category | Price | Change (WoW) | Note | | | | | | |
| MMi (Fe 62%), USD/mt exluding tax | 83.90 | 1.70 | Mmi CFR Equivalent index for 1st Feb | | | | | | |
| Coke | 1,710 | -50 | 2nd grade met coke, Tangshan, incl. tax | | | | | | |
| Steel Scrap | 1,870 | -190 | steel scrap (6mm) in Zhangjiagang, exl. tax | | | | | | |
| Billet Cost | 2,843 | -20 | Q234, incl. tax | | | | | | |
| Rebar cost - Blast furnace | 3,062 | -22 | calculated based on theoretical weight, incl. tax | | | | | | |
| Rebar profit - Blast furnace | 408 | 72 | based on Shanghai prices, incl. tax | | | | | | |

CHINESE STEEL MILL PROFITABILITY

Hot-rolled coil cost - Blast furnace 3,139 -20 based on actual weight, incl. tax

Hot-rolled coil proft - Blast furnace 161 120 based on Shanghai prices, incl. tax

Note: 1 Costs in the table are caluclated based on todays market prices and facout our management, sales, financial and depreciations fees.

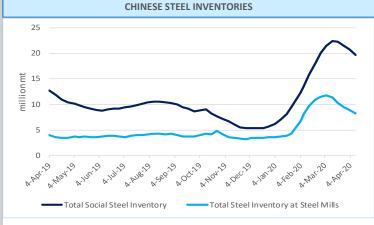
2. The cost refers to average cost in the industry based on SMM's survey of small, medium and large mills in China



CHINESE STEEL MILL PROFITABILITY









CHINESE STEEL PRODUCTION

| | IRON ORE INDEX SPECIFICATIONS, COMPILATION RATIONALE AND DATA EXCLUSIONS | | | | | | | | | | | |
|-------------------|--|----------------------|--------------------|----------------------------|---|------------------------|------------------|------------------|--|--|--|--|
| | Iron Ore | Index Specifications | (Port and Seaborne | | Iron Ore Inde | ex Compilation R | tationale and Da | ata Exclusions | | | | |
| | 65% Fe Fines | 62% Fe Fines | 58% Fe Fines | 62.5% Fe Lump | MMi iron ore indices are compiled from data provided by companies that a | | | mpanies that are | | | | |
| Fe % | 65.00 | 62.00 | 58.00 | 62.50 | part of the iron ore supply chain and involved in spot market tran indices are calculated using detailed transaction-level data submi | | | | | | | |
| Alumina % | 1.40 | 2.25 | 2.25 | 1.50 | | his data is normalised | | | | | | |
| Silica% | 1.50 | 4.00 | 5.50 | 3.50 | screened to remove outliers before volume-weighted average prices are calculated from the remaining core set of data. | | | | | | | |
| Phosphorus % | 0.06 | 0.09 | 0.05 | 0.08 | For more details on MMi's iron ore methodology please download the guide | | | | | | | |
| Sulphur % | 0.01 | 0.02 | 0.02 | 0.02 | published on our website at: www.mmiprices.com | | | | | | | |
| Moisture % | 8.00 | 8.00 | 9.00 | 4.00 | | | | | | | | |
| | Granular cizo bo | low 10mm for at lea | st 00% of sargo | Size below 6.3mm max 15% | | | lusions* | 65% | | | | |
| Sizing | | | 0 , | | Port Index | 62% | 58% | 0 | | | | |
| | maximu | ım of 40% below 150 | micron | Size above 31.15mm max 25% | Seaborne index | 0 | | | | | | |
| Pricing Point | Qingdao Port (FOT and CFR respectively) | | FOT Qingdao Port | Lump Index 62.5 | 0 | | | | | | | |
| Timing (Seaborne) | Loading within 4 weeks, Delivery within 8 weeks | | | Delivery within 2 weeks | | ubmissions for iron o | | | | | | |
| Payment Terms | L/C at sight | | | L/C at sight or CAD | index calculations today as they were anomalous and could not be verified | | | | | | | |

IRON ORE DOMESTIC CONCENTRATE INDEX CALCULATION METHODOLOGY

The compilation method for price index generally refers to the compilation method of CPI price index and other price indices, breakdown the price data and calculate the average value according to a certain method, taking the vertical axis as the regional composite index (average of different grade index) and the horizontal axis as the grade composite index (average of different regional index), a total composite index for domestic ore can be output ultimately. The process system is also adopted in the calculation i.e. each sub-index can be obtained as well.

| | | AVER | AGE IRON | ORE SPECIF | ICATIONS A | PPLIED FOR BRAND PRICE A | SSESSMEN | TS | | | |
|-------------------------|---------|---------------|------------|-------------|------------|--------------------------|----------|---------------|------------|-------------|----------|
| | PORT | STOCK BRAN | IDS | | | | SEAB | ORNE BRAN | DS | | |
| April 17th, 2020 | Specifi | cations appli | ed for 62% | brand asses | sments | | Specifi | cations appli | ed for 62% | brand asses | sments |
| | Fe | Alumina | Silica | Phos | Moisture | | Fe | Alumina | Silica | Phos | Moisture |
| Roy Hill | 60.70% | 2.24% | 4.89% | 0.060% | 9.33% | Roy Hill | 60.70% | 2.30% | 4.90% | 0.055% | 8.00% |
| SIMEC Fines | 60.00% | 2.30% | 6.30% | 0.060% | 6.00% | SIMEC Fines | 60.00% | 2.30% | 6.30% | 0.060% | 6.00% |
| PB Fines | 61.48% | 2.35% | 3.87% | 0.101% | 9.32% | PB Fines 62% | 62.00% | 2.60% | 4.30% | 0.090% | 10.00% |
| Newman Fines | 62.30% | 2.35% | 4.26% | 0.083% | 7.88% | Newman Fines | 62.40% | 2.20% | 4.30% | 0.080% | 6.40% |
| MAC Fines | 60.75% | 2.34% | 4.70% | 0.076% | 7.96% | MAC Fines | 61.00% | 2.70% | 4.70% | 0.110% | 9.30% |
| Jimblebar Blended Fines | 60.20% | 3.16% | 4.87% | 0.114% | 7.77% | Jimblebar Blended Fines | 59.50% | 3.70% | 5.80% | 0.135% | 8.30% |
| Carajas Fines | 65.31% | 1.35% | 1.55% | 0.075% | 8.21% | Carajas Fines | 65.10% | 1.50% | 1.70% | 0.080% | 8.50% |
| Brazilian SSF | 62.00% | 1.00% | 6.50% | 0.040% | 6.00% | Brazilian SSF | 62.00% | 1.00% | 6.50% | 0.040% | 6.00% |
| Brazilian Blend Fines | 62.82% | 1.50% | 4.63% | 0.085% | 8.40% | Brazilian Blend Fines | 62.50% | 1.50% | 5.00% | 0.070% | 7.00% |
| RTX Fines | 61.00% | 3.10% | 4.50% | 0.135% | 7.50% | RTX Fines | 61.00% | 3.10% | 4.50% | 0.135% | 7.50% |
| West Pilbara Fines | 60.10% | 2.30% | 4.70% | 0.075% | 8.50% | West Pilbara Fines | 60.10% | 2.30% | 4.70% | 0.075% | 8.50% |
| April 17th, 2020 | Specifi | cations appli | ed for 58% | brand asses | sments | | | | | | |
| | Fe | Alumina | Silica | Phos | Moisture | | | | | | |
| SSF | 56.70% | 3.09% | 6.18% | 0.061% | 9.13% | | | | | | |
| FMG Blended Fines | 58.12% | 2.65% | 5.59% | 0.058% | 8.07% | | | | | | |
| Robe River | 56.31% | 3.17% | 5.64% | 0.041% | 9.10% | | | | | | |
| Western Fines | 57.88% | 2.87% | 7.50% | 0.062% | 7.45% | | | | | | |
| Atlas Fines | 58.00% | 1.85% | 5.50% | 0.090% | 9.00% | | | | | | |
| Yandi | 57.10% | 1.57% | 6.43% | 0.034% | 9.02% | | | | | | |

| | BLOOMBERG TICKERS | | | | | | | | | | |
|---------|--|----------|--------|-----------------------|--|--|--|--|--|--|--|
| | PORT STOCK INDICES | | | SEABORNE INDICES | | | | | | | |
| | FOT Qingdao (RMB/wet tonne) CFR Qingdao Equivalent (USD/dry tonne) | | | CFR Qingdao (USD/DMT) | | | | | | | |
| IOPI62 | IRCNQ001 | IRCNQ004 | IOSI62 | IRCN0034 | | | | | | | |
| IOPI58 | IRCNQ002 | IRCNQ005 | 10S165 | IRCN0035 | | | | | | | |
| IOPI65 | IRCNQ003 | IRCNQ006 | | | | | | | | | |
| IOPLI62 | IRCN0036 | IRCN0037 | | | | | | | | | |

CONTACT US

MMI Singapore Office Details: Level 28, Manulife Tower, 8 Cross Street Singapore. Tel: + 65 6850 7629 E: jarek@mmiprices.com SMM Singapore Office Details: Level 28, Manulife Tower, 8 Cross Street Singapore. Tel: + 65 6850 7630 E: service.en@smm.cr SMM Shanghai Office Details: 9th FL, Building 9, Lujiazui Software Park, No.20, Lane 91, Pudong, Shanghai Tel: +86 021 5155 0306 E: service.en@smm.cn

Visit <u>www.mmiprices.com</u> for full index price histories and archive of daily reports

This information has been prepared by Metals Market Index ("MMi"). Use of the information presented here is at your sole risk, and any content, material and/or data presented or otherwise obtained through your use of the information in this document is at your own discretion and risk and you will be solely responsible for any damage to you personally or your company or organisation or business associates whatsoever which in anyway results from the use, reliance or application of such content material and/or information. Certain data has been obtained from various sources and any copyright existing in such data shall remain the property of the source. Except for the foregoing, MMi retains all copyright within this document. The copying or redistribution of any part of this document without the express written authority of MMi is forbidden