Daily Iron Ore Index Report
January 30, 2019
IRON ORE PORT STOCK INDEX (IOPI)

| January 30, 2019 |  | FOT Qingdao (inc. 16\% VAT), RMB/ wet tonne |  |  |  |  |  |  | CFR Qingdao Equivalent (exc. 16\% VAT), USD/dry tonne ${ }^{1}$ |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Index | Fe Content | Price | Change | Change \% | MTD | YTD | Low ${ }^{2}$ | High ${ }^{2}$ | Price | Change | Change \% | MTD | YTD | Low ${ }^{2}$ | High ${ }^{2}$ |
| IOPI62 | 62\% Fe Fines | 601 | 5 | 0.8\% | 578 | 578 | 443 | 603 | 79.73 | 0.71 | 0.9\% | 75.67 | 75.67 | 61.36 | 77.89 |
| IOPI58 | 58\% Fe Fines | 471 | 2 | 0.4\% | 447 | 447 | 304 | 472 | 61.64 | 0.29 | 0.5\% | 57.59 | 57.59 | 40.67 | 61.64 |
| IOPI65 | 65\% Fe Fines | 679 | -1 | -0.1\% | 669 | 669 | 541 | 784 | 90.58 | -0.12 | -0.1\% | 88.30 | 88.30 | 75.83 | 101.71 |
| IRON ORE SEABORNE INDEX (IOSI) |  |  |  |  |  |  |  |  | MARKET COMMENTARY |  |  |  |  |  |  |
| January 30, 2019 |  | CFR Qingdao, USD/dry tonne |  |  |  |  |  |  | Iron ore DCE Futures market quickly went limit up today, on the back of news that they will cut annual production by $10 \%$. Some traders are reluctant to sell, expecting higher prices in the future. Vale announced about 40 million tons of iron ore will be affected this year, including pellet feed needed for the production of 11 million tons of pellets. According to SMM, the actual production cuts may be not necessarily reach that high as their production in other mining systems may offset some of these cuts. Meanwhile, as market players are gradually easing their way out of the market for CNY, the transactions concluded transactions remain subdued. |  |  |  |  |  |  |
| Index | Fe Content | Price | Change | Change \% | MTD | YTD | Low ${ }^{3}$ | High ${ }^{3}$ |  |  |  |  |  |  |  |
| IOSI62 | 62\% Fe Fines | 81.70 | 1.35 | 1.7\% | 75.37 | 75.37 | 62.95 | 80.35 |  |  |  |  |  |  |  |
| IOSI65 | 65\% Fe Fines | 95.30 | 1.05 | 1.1\% | 89.31 | 89.31 | 83.20 | 101.50 |  |  |  |  |  |  |  |

IRON ORE PORT LUMP INDEX (IOPLI)

| Week Ending January 25 |  | FOT Qingdao (inc. 16\% VAT), RMB/wet tonne |  |  |  |  |  |  | CFR Qingdao Equivalent (exc. 16\% VAT), USD/dry tonne ${ }^{1}$ |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Index | Fe Content | Price | w-o-w | Change \% | MTD | YTD | Low ${ }^{3}$ | High ${ }^{3}$ | Price | W-ow | Change \% | MTD | YTD | Low ${ }^{3}$ | High ${ }^{3}$ |
| IOPLI62 | 62.5\% Fe Lump | 781 | 1 | 0.1\% | 782 | 782 | 565 | 789 | 99.53 | -0.27 | -0.3\% | 99.57 | 99.57 | 76.63 | 100.10 |

IRON ORE DOMESTIC CONCENTRATE SPOT PRICE ASSESSMENTS AND COMPOSITE INDEX


| January 30, 2019 |  | FOT Qingdao (inc. 16\% VAT), RMB/wet tonne |  |  |  |  |  | CFR Qingdao Equivalent (exc. 16\% VAT), USD/dry tonne ${ }^{1}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Index | Fe Content | September | October | November December | January | QTD | YTD | September | October | Nov | mber | December | January | QTD | YTD |
| IOPI62 | 62\% Fe Fines | 513 | 564 | 564559 | 578 | 578 | 578 | 64.29 | 63.41 |  |  | 72.55 | 75.67 | 75.67 | 75.67 |
| 1OPI58 | 58\% Fe Fines | 385 | 401 | 401392 | 447 | 447 | 447 | 44.14 | 44.86 |  | 84 | 50.47 | 57.59 | 57.59 | 57.59 |
| 1OP165 | 65\% Fe Fines | 732 | 760 | 760681 | 669 | 669 | 669 | 82.19 | 85.29 |  | 13 | 99.05 | 88.30 | 88.30 | 88.30 |
| IRON ORE SEABORNE INDEX MONTHLY, QUARTERLY AND YEAR-TO-DATE AVERAGES |  |  |  |  |  |  |  | FREIGHT RATES |  |  |  |  |  |  |  |
| January 30, 2019 |  | CFR Qingdao, USD/dry tonne |  |  |  |  |  | January 29th 2019 |  |  | FREIGHT RATES - DRY BULK US\$/wet tonne |  |  |  |  |
| Index | Fe Content | September | October | November December | January | QTD | YTD | Route | Desig | gnation |  | Change | Change \% | Low ${ }^{5}$ | High ${ }^{5}$ |
| IOSI62 | 62\% Fe Fines | 68.79 | 72.31 | $72.91 \quad 69.96$ | 75.37 | 75.37 | 75.37 | w. Australia - Qin | Qingdao | c5 | 5.61 | -0.35 | -5.88\% | 5.109 | 10.002 |
| IOS165 | 65\% Fe Fines | 96.48 | 98.97 | $94.05 \quad 85.95$ | 89.31 | 89.31 | 89.31 | Tubarao - Qingda |  | C3 | 15.11 | -0.74 | -4.67\% | 12.705 | 24.76 |
| IRON ORE PORT LUMP INDEX MONTHLY, QUARTERLY AND YEAR-TO-DATE AVERAGES |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Week Ending January 25 |  | FOT Qingdao (inc. 16\% VAT), RMB/wet tonne |  |  |  |  |  | CFR Qingdao Equivalent (exc. 16\% VAT), USD/dry tonne ${ }^{1}$ |  |  |  |  |  |  |  |
| Index | Fe Content | September | October | November December | MTD | QTD | YTD | September | October | Nov | mber | December | MTD | QTD | YTD |
| IOPLI62 | 62.5\% Fe Lump | 695 | 720 | 771749 | 782 | 782 | 782 | 87.49 | 89.65 |  | . 21 | 94.22 | 99.57 | 99.57 | 99.57 |

Daily Iron Ore Index Report
January 30, 2019


CHINA DOMESTIC COMPOSITE MINES INDEX (RMB/Wet Tonne, including VAT)


IRON ORE BRAND SPOT PRICE ASSESMENTS

| IRON ORE BRAND SPOT PRICE ASSESMENTS |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| January 30, 2019 | PORT STOCK INDEX (RMB/WT) |  |  | January 30, 2019 | SEABORNE INDEX (USD/DMT) |  |  |
|  | Price | Change | Diff to IOPI62 |  | Price | Change | Diff to IOSI62 |
| Roy Hill | 571 | 5 | -30 | Roy Hill | 75.91 | 0.42 | -5.79 |
| SIMEC Fines | 533 | 5 | -68 | SIMEC Fines | 71.71 | -0.28 | -9.99 |
| PB Fines | 585 | 4 | -16 | PB Fines | 80.54 | 0.93 | -1.16 |
| Newman Fines | 602 | 5 | 1 | Newman Fines | 84.24 | 1.68 | 2.54 |
| MAC Fines | 578 | 5 | -23 | MAC Fines | 75.31 | 0.22 | -6.39 |
| Jimblebar Blended Fines | 553 | 6 | -48 | Jimblebar Blended Fines | 69.84 | -0.65 | -11.86 |
| Carajas Fines | 686 | 0 | 85 | Carajas Fines | 96.64 | 2.43 | 14.94 |
| Brazilian SSF | 595 | 5 | -6 | Brazilian SSF | 81.39 | 0.73 | -0.31 |
| Brazilian Blend Fines | 604 | 5 | 3 | Brazilian Blend Fines | 83.89 | 1.35 | 2.19 |
| RTX Fines | 559 | 7 | -42 | RTX Fines | 71.91 | -0.13 | -9.79 |
| January 30, 2019 | PORT STOCK INDEX (RMB/WT) |  |  |  |  |  |  |
|  | Price | Change | Diff to IOPI58 |  |  |  |  |
| SSF | 444 | 9 | -27 |  |  |  |  |
| FMG Blended Fines | 475 | 4 | 4 |  |  |  |  |
| Robe River | 482 | 7 | 11 |  |  |  |  |
| Western Fines | 455 | 5 | -16 |  |  |  |  |
| Atlas Fines | 446 | 6 | -25 |  |  |  |  |
| Yandi | 530 | 4 | 59 |  |  |  |  |

IRON ORE INDEX NORMALISATION DIFFERENTIALS


# MMi 



## Daily Iron Ore Index Report

January 30, 2019



| IRON ORE INDEX SPECIFICATIONS, COMPILATION RATIONALE AND DATA EXCLUSIONS |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Iron Ore Index Specifications (Port and Seaborne) |  |  |  |  | Iron Ore Index Compilation Rational and Data 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 are part of the iron ore supply chain and involved in spot market transactions. The indices are calculated using detailed transaction-level data submitted to MMi by these companies. This data is normalised to the appropriate specifications and screened to remove outliers before volume-weighted average prices are calculated from the remaining core set of data. <br> For more details on MMi's iron ore methodology please download the guide published on our website at: www.mmiprices.com |  |  |  |
| Fe \% | 65.00 | 62.00 | 58.00 | 62.50 |  |  |  |  |
| Alumina \% | 1.40 | 2.25 | 2.25 | 1.50 |  |  |  |  |
| Silica\% | 1.50 | 4.00 | 5.50 | 3.50 |  |  |  |  |
| Phosphorus \% | 0.06 | 0.09 | 0.05 | 0.08 |  |  |  |  |
| Sulphur \% | 0.01 | 0.02 | 0.02 | 0.02 |  |  |  |  |
| Moisture \% | 8.00 | 8.00 | 9.00 | 4.00 |  |  |  |  |
| Sizing | Granular size bel ow 10 mm for at least $90 \%$ of cargo; maximum of $40 \%$ below 150 micron |  |  | Size below 6.3 mm max $15 \%$ <br> Size above 31.15 mm max $25 \%$ | Data Exclusion |  |  |  |
|  |  |  |  |  | Port Index | 62\% | 58\% | 65\% |
|  |  |  |  |  |  | Seaborne index | 0 |  | 0 |
| Pricing Point | Qingdao Port (FOT and CFR respectively) |  |  | FOT Qingdao Port | Lump Index 62.5 o <br> * Number of price submissions for iron ore indices that were excluded from index calculations today as they were anomalous and could not be verified |  |  |  |
| Timing (Seaborne) | Loading within 4 weeks, Delivery within 8 weeks |  |  | Delivery within 2 weeks | * Number of price submissions for iron ore indices that were excluded from index calculations today as they were anomalous and could not be verified |  |  |  |
| Payment Terms | L/C at sight |  |  | L/C at sight or CAD |  |  |  |  |
| 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. |  |  |  |  |  |  |  |  |

## AVERAGE IRON ORE SPECIFICATIONS APPLIED FOR BRAND PRICE ASSESSMENTS



## CONTACT US

Visit www.mmiprices.com for full index price histories and archive of daily reports

