

# Transport Tracker

# Issue #1113, week ending Feb. 21, 2024; Rail labor negots escalating; WAB Tour

**Industry Overview** 

# **Hoexter's Thought of the Week** Wabtec Tour next week to focus on new technology

Rail locomotive manufacturer Wabtec is scheduled to host an Analyst tour Tuesday, February 27, at its Texas locomotive plant. The day begins with a discussion with CEO Rafael Santana, CFO John Olin, as well as Wabtec's Chief Technology Officer, EVP Sales & Marketing, EVP Global Ops, and the Presidents of its Transit and Freight segments. We expect the discussions to highlight Wabtec's moves to drive margins through its Integration 2.0 plan (\$75-\$90 million in savings by 2025), detail progress in converting its Freight and Transit backlog, and the benefits of growing its recurring revenue streams. We then are scheduled to tour its locomotive plant and see product demos of Wabtec's service offerings. We look to focus on the company's new technology launches, especially in its aftermarket product suite, which could account for 1.0x-1.5x revenues of a new loco (~\$3 million/unit). Although sales of new power units in North America have pulled back since 2015, aftermarket services such as modernization programs (i.e. WAB's 200 locomotive mod deal with CSX) and digital sales have gained traction, which are margin accretive. Rails can achieve cost benefits with Wabtec's services on their existing equipment through improved fuel efficiency (Fuel Optimizer), operating efficiency (Trip Optimizer), and reliability, generating ongoing savings.

# Canadian rail labor negotiations reach impasse

On February 16, Canadian Class I rails Canadian National Railway (CNI) and Canadian Pacific Kansas City (CPKC) filed notices of dispute with the Ministry of Labor, seeking government mediation for negotiations with labor unions. The move officially begins a long process, which can ultimately lead to potential labor strikes or lockouts, if no agreement is reached in the interim. This step does highlight elevated antagonism between Transport carriers and labor. After filing for notice of dispute, the Canada government has 15 days to appoint a rail mediator to facilitate negotiations, who would then assist discussions over the next 60 days. This period could be extended under mutual agreement from both the union and rail carrier. Following the assisted dialogue, a 21-day cooling off period is to commence, after which job actions are permitted after a 72-hour notice. Assuming key issues stay unresolved under mediation, a strike could potentially first occur in 96 days, or May 22, 2024.

Based on our conversations with carriers, the rails and unions remain at odds on certain key issues such as pay increase, quality of life adjustments, and compensation structure adjustments. Canadian rail carriers continue to seek a shift away from a mileage-based pay structure (in Canada) to an hourly-based structure. This could drive more flexible capacity management, as well as allow carriers to benefit from efficiency gains. Given the higher inflation backdrop, and more challenging union discussions, there is rising potential for 2024 wage hikes to accelerate from 2023 settlements, when wages rose 3.0-3.25%, on average (below US rails' 4%-5% average). We target Comp & Benefits to increase 4% y-y on average at CNI and CPKC. CNI noted that wage hike expectations are not factored into the C\$200 million cost headwinds it sees in 2024, which consists of bonus accruals and pension costs. CPKC expects ~3-4% in 2024 wage increases as part of its double-digit EPS growth target.

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#### 21 February 2024

Equity **United States** Transport/Infrastructure

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#### **Key Data This Week:**

- Week 7 Rail Carloads: Up 1.8% Y-Y vs Week 6: +0.9% Y-Y (Third consecutive uptick)
- Dry Van spot rates ex-fuel = **\$1.41/mile vs \$1.46 last week**, flat from \$1.41 on Dec 31, 2023. Spot rates with fuel were \$1.89 vs. \$1.94 last week, and down 1% from \$1.91 on Dec. 31, 2023.
- DAT Load to Truck Ratio 1.14 for the week of Feb. 18, down **21% seq.** from 1.44 last week. (Lowest historic level)
- January's Cass Freight Index: -7.6% Y-Y, -3.5% M-M vs -7.2% Y-Y in December
- January Class 8 Final Net Orders 27,125, +45% Y-Y vs December's 26.306. -14% Y-Y
- Prelim. January Truck Tonnage: -5.1% Y-Y, -3.5% M-M vs

December's -1.1% Y-Y, +1.5% M-M

#### **Exhibit 1: Airfreight & Surface Transportation**

Rails, Trucks, Airfreight, Other Transports Summary Valuation Table

|                      | , 0 ,  | •                                | ,                                |   |                             |                            |
|----------------------|--|----------------------------------|----------------------------------|---|-----------------------------|----------------------------|
| Rating<br>Rails:     | Company  | Price<br>02/21/24                | Mkt<br>Cap.<br>(\$ bil.)         | P/E<br>'24e EPS                           | 1-Wk<br>Perf                | Price<br>Perf<br>YTD %     |
| B-2-7                | Canadian National Railway (CNI)  | 129.07                           | 82.7                             | 21.7x                                     | 0%                          | 3%                         |
| B-1-7                | Canadian Pacific Kansas City (CP)  | 85.47                            | 79.7                             | 26.7x                                     | 1%                          | 8%                         |
| B-1-7                | CSX Corp. (CSX)  | 37.10                            | 72.7                             | 18.6x                                     | 0%                          | 7%                         |
| RSTR                 | Norfolk Southern Corp. (NSC)   | 257.62                           | 58.2                             |   | 2%                          | 9%                         |
| B-1-7                | Union Pacific Corp. (UNP)  | 251.32                           | 153.2                            | 22.5x                                     | 0%                          | 2%                         |
| NR                   | Grupo México Trans (GMXT*MM)(3)  | MXN 38.55                        | 9.9                              |   | -2%                         | 1%                         |
|                      | Rail Avg (ex GMXT for P/E)   | 1117111 30:33                    | 5.5                              | 22.4x                                     | 1%                          | 6%                         |
| Interm               | odal / Container Lessors:  |                                  |                                  |   | . ,0                        | 0 70                       |
| B-1-7                | J.B. Hunt Transport Svcs (JBHT)  | 203.18                           | 21.0                             | 24.9x                                     | -7%                         | 2%                         |
| NR                   | Hub Group (HUBG)   | 43.67                            | 2.7                              | 19.7x                                     | -2%                         | -5%                        |
| NR                   | Textainer (TGH)  | 49.82                            | 2.1                              |   | 0%                          | 1%                         |
|                      | Intermodal Average   | 13.02                            |                                  | 18.2x                                     | -3%                         | -1%                        |
| Loce th              | nan-Truckload (LTL) Carriers:  |                                  |                                  | 10.2                                      | 5 /0                        | 1 /0                       |
| C-3-7                | ArcBest Corp. (ARCB)   | 138.86                           | 3.3                              | 12.8x                                     | -2%                         | 16%                        |
| B-1-7                | Old Dominion Freight Line (ODFL)   | 424.42                           | 46.3                             | 33.6x                                     | -2%                         | 5%                         |
| B-1-7<br>B-1-9       | Saia Inc. (SAIA)   | 547.33                           | 14.5                             | 33.8x                                     | -3%                         | 25%                        |
| B-1-9<br>B-2-7       | , ,  | 144.53                           | 12.2                             | 33.6x<br>18.8x                            | -3%<br>0%                   | 6%                         |
| C-1-9                | TFI International (TFII)   | 119.23                           | 13.8                             |   | -1%                         | 36%                        |
| C-1-9                | XPO, Inc. (XPO)  | 119.23                           | 13.8                             | 32.7x                                     |                             |                            |
|                      | LTL Average  |                                  |                                  | 24.7x                                     | -1%                         | 18%                        |
|                      | oad (TL) Carriers:   | F7.67                            | 0.2                              | 22.1                                      | 20/                         | 00/                        |
| B-1-7                | Knight-Swift Transportation (KNX)  | 57.67                            | 9.3                              | 23.1x                                     | -2%                         | 0%                         |
| B-2-7                | Schneider National (SNDR)  | 23.72                            | 4.2                              | 21.6x                                     | -2%                         | -7%                        |
| B-3-7                | Werner Enterprises (WERN)  | 40.46                            | 2.6                              | 19.3x                                     | -2%                         | -5%                        |
| NR                   | Covenant Logistics (CVLG)  | 51.85                            | 0.7                              | 12.2x                                     | -3%                         | 13%                        |
| NR                   | Heartland Express (HTLD)   | 12.46                            | 1.0                              | 244.3x                                    | -3%                         | -13%                       |
| NR                   | Marten Transport (MRTN)  | 19.25                            | 1.6                              | 22.4x                                     | -1%                         | -8%                        |
| NR                   | P.A.M. Transport (PTSI)  | 18.56                            | 0.4                              | 16.9x                                     | 0%                          | -11%                       |
| NR                   | Universal Logistics Holdings (ULH)   | 32.41                            | 0.9                              |   | 1%                          | 16%                        |
|                      | TL Average   |                                  |                                  | 51.4x                                     | -1%                         | -2%                        |
|                      | omous trucks   | 0.70                             |                                  |   | 2.50/                       | 2501                       |
| NR                   | Aurora Innovation (AUR)  | 2.78                             | 4.3                              |   | -16%                        | -36%                       |
|                      | Autonomous trucks Average  |                                  |                                  |   | -16%                        | -36%                       |
|                      | ght Companies:   | 0.44                             |                                  |   | 001                         | Ea.                        |
| B-1-7                | FedEx Corp. (FDX)  | 241.41                           | 60.3                             | 13.6x                                     | 2%                          | -5%                        |
| B-2-7                | UPS (UPS)  | 148.27                           | 126.4                            | 17.7x                                     | 3%                          | -6%                        |
| NR                   | Deutsche Post (DHL GY) (2)   | € 43.10                          | 57.7                             |   | 2%                          | -4%                        |
|                      | Airfreight Average   |                                  |                                  | 15.6x                                     | 2%                          | -5%                        |
|                      | Forwarders / Logistics:  |                                  |                                  |   |                             |                            |
| B-3-7                | C.H. Robinson Worldwide (CHRW)   | 72.50                            | 8.5                              | 25.9x                                     | -2%                         | -16%                       |
| C-2-9                | RXO (RXO)  | 21.34                            | 2.5                              | 94.8x                                     | -2%                         | -8%                        |
| NR                   | Landstar System (LSTR)   | 190.98                           | 6.9                              | 28.8x                                     | -2%                         | -1%                        |
| NR                   | Expeditors International (EXPD)  | 117.90                           | 17.1                             | 24.8x                                     | -6%                         | -7%                        |
| B-2-8                | Kuehne + Nagel Int'l (KHNGF) (2)   | CHF 288.70                       | 38.5                             | 29.8x                                     | 1%                          | 0%                         |
| B-1-7                | DSV Panalpina A/S (DSV DC) (2)   | DKK 1,128.5                      | 36.3                             | 2.8x                                      | -1%                         | -5%                        |
| NR                   | Forward Air Corp. (FWRD)   | 39.67                            | 1.0                              | 9.2x                                      | -4%                         | -37%                       |
| NR                   | Ryder System, Inc. (R)   | 111.03                           | 4.9                              | 9.5x                                      | 0%                          | -4%                        |
| NR                   | Air Transport Services Group (ATSG)  | 13.83                            | 0.9                              | 8.8x                                      | -4%                         | -21%                       |
| NR                   | Fortress Transportation (FTAI)   | 53.37                            | 5.3                              | 20.3x                                     | -1%                         | 15%                        |
| B-3-7                | World Kinect (WKC)   | 23.79                            | 1.4                              | 8.8x                                      | 1%                          | 4%                         |
|                      | Freight Forwarder Avg.   |                                  |                                  | 23.9x                                     | -2%                         | -7%                        |
| Dail For             | -  |                                  |                                  |   |                             |                            |
| C-3-7                |  |                                  | 1.5                              | 12.9x                                     | 0%                          | 10%                        |
|                      | uipment: The Greenhrier Companies (GRX)  | 48 56                            | 15                               |   |                             | 10/0                       |
|                      | The Greenbrier Companies (GBX)   | 48.56                            | 1.5                              |   |                             | 120/-                      |
| NR                   | The Greenbrier Companies (GBX)<br>Freightcar America Inc. (RAIL)   | 3.05                             | 0.1                              | 60.9x                                     | -2%                         | 13%                        |
| NR<br>NR             | The Greenbrier Companies (GBX) Freightcar America Inc. (RAIL) GATX Corporation (GATX)  | 3.05<br>127.31                   | 0.1<br>4.5                       | 60.9x<br>17.0x                            | -2%<br>1%                   | 6%                         |
| NR<br>NR<br>NR       | The Greenbrier Companies (GBX) Freightcar America Inc. (RAIL) GATX Corporation (GATX) Koppers Holdings Inc. (KOP)  | 3.05<br>127.31<br>51.56          | 0.1<br>4.5<br>1.1                | 60.9x<br>17.0x<br>11.0x                   | -2%<br>1%<br>1%             | 6%<br>1%                   |
| NR<br>NR<br>NR<br>NR | The Greenbrier Companies (GBX) Freightcar America Inc. (RAIL) GATX Corporation (GATX) Koppers Holdings Inc. (KOP) Trinity Industries Inc. (TRN)  | 3.05<br>127.31<br>51.56<br>26.53 | 0.1<br>4.5<br>1.1<br>2.2         | 60.9x<br>17.0x<br>11.0x<br>13.7x          | -2%<br>1%<br>1%<br>0%       | 6%<br>1%<br>0%             |
| NR<br>NR<br>NR       | The Greenbrier Companies (GBX) Freightcar America Inc. (RAIL) GATX Corporation (GATX) Koppers Holdings Inc. (KOP) Trinity Industries Inc. (TRN) Wabtec Corp. (WAB)                               | 3.05<br>127.31<br>51.56          | 0.1<br>4.5<br>1.1                | 60.9x<br>17.0x<br>11.0x<br>13.7x<br>20.2x | -2%<br>1%<br>1%<br>0%<br>1% | 6%<br>1%<br>0%<br>7%       |
| NR<br>NR<br>NR<br>NR | The Greenbrier Companies (GBX) Freightcar America Inc. (RAIL) GATX Corporation (GATX) Koppers Holdings Inc. (KOP) Trinity Industries Inc. (TRN) Wabtec Corp. (WAB)  Rail Equipment Avg.(ex-RAIL) | 3.05<br>127.31<br>51.56<br>26.53 | 0.1<br>4.5<br>1.1<br>2.2<br>24.1 | 60.9x<br>17.0x<br>11.0x<br>13.7x          | -2%<br>1%<br>1%<br>0%<br>1% | 6%<br>1%<br>0%<br>7%<br>5% |
| NR<br>NR<br>NR<br>NR | The Greenbrier Companies (GBX) Freightcar America Inc. (RAIL) GATX Corporation (GATX) Koppers Holdings Inc. (KOP) Trinity Industries Inc. (TRN) Wabtec Corp. (WAB)                               | 3.05<br>127.31<br>51.56<br>26.53 | 0.1<br>4.5<br>1.1<br>2.2         | 60.9x<br>17.0x<br>11.0x<br>13.7x<br>20.2x | -2%<br>1%<br>1%<br>0%<br>1% | 6%<br>1%<br>0%<br>7%       |

**Source:** BofA Global Research estimates, Bloomberg, and First Call Estimates (for stocks not covered by BofA Global Research).

Covered by: (2) Muneeba Kayani, (3) Carlos Peyrelongue - NR: Not Rated.

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#### **Exhibit 2: Marine Matters**

Crude, Product, Container, Dry Bulk, LNG, Jones Act Summary Valuation Table

| <u>Marine</u>           | Matters   | Price      | Mkt<br>Cap. | P/E                  | 1-Wk      | Pric<br>Per |
|-------------------------|---|------------|-------------|----------------------|-----------|-------------|
| Rating                  | Company   | 02/21/24   | (\$ bil.)   | '24e EPS<br>or Yield | Perf      | YTE         |
|                         | Companies   |            |             | Yield                |           |             |
| C-1-7                   | Teekay Tankers, Ltd. (TNK)  | 57.94      | 2.0         | 0.0%                 | 0%        | 169         |
| NR                      | Teekay Shipping Corp. (TK)  | 8.24       | 0.7         |                      | 0%        | 159         |
| NR                      | Euronav (EURN)  | € 16.44    | 3.9         | 9.0%                 | -1%       | 3%          |
| NR                      | DHT Maritime (DHT)  | 10.83      | 1.7         | 14.6%                | -4%       | 109         |
| NR                      | Frontline Ltd. (FRO)  | 23.01      | 5.1         | 12.5%                | -1%       | 159         |
| NR                      | Tsakos Energy Navigation (TNP)                                      | 24.15      | 0.7         |                      | -1%       | 9%          |
| NR                      | Nordic American Tanker (NAT)  | 4.16       | 0.7         | 10.9%                | 0%        | -19         |
| NR                      | Ship Finance Limited (SFL)  | 12.94      | 1.6         | 8.3%                 | 9%        | 159         |
| NR                      | KNOT Offshore Partners (KNOP)                                       | 5.57       | 0.2         | 0.570                | -1%       | -39         |
| NIX.                    |   | 5.57       | 0.2         |                      |           |             |
| Duadua                  | Tanker Average<br>t Tankers   |            |             | 9.2%                 | 0%        | 9%          |
| <u> </u>                | Scorpio Tankers (STNG)  | 66.60      | 3.6         | 2.9%                 | 1%        | 109         |
| NR                      | Capital Products (CPLP)   | 18.10      | 1.0         | 3.3%                 | 1%        | 279         |
| NR                      | Ardmore Shipping (ASC)  | 16.16      | 0.7         | 6.7%                 | -1%       | 159         |
| INIX                    | Product Tankers Average   | 10.10      | 0.7         | 4.3%                 | 0%        | 179         |
| LNG/L                   |   |            |             | Yield                | 070       | 17-         |
| NR                      | Golar LNG (GLNG)  | 21.59      | 2.3         | <u> </u>             | 2%        | -69         |
| NR                      | Dynagas LNG Partners (DLNG)   | 3.06       | 0.1         | 13.1%                | 4%        | 9%          |
| NR                      | StealthGas (GASS)   | 6.54       | 0.1         | 13.170               | -5%       | 1%          |
| INIX                    | LNG / LPG Average   | 0.54       | 0.2         | 13.1%                | 0%        | 2%          |
| Contair                 | ner Ship Lessors  |            |             | 13.170               | 0 /0      | 2 /         |
| NR                      | Costamare (CMRE)  | 11.09      | 1.3         | 4.1%                 | 0%        | 7%          |
| NR                      | Danaos (DAC)  | 72.28      | 1.4         | 4.4%                 | 0%        | -29         |
| NR                      | Global Ship Lease (GSL)   | 20.04      | 0.7         | 7.5%                 | -2%       | 1%          |
|                         | Container Average   |            |             | 5.4%                 | -1%       | 2%          |
| Dry Bu                  |   |            |             | <b>EBITDA</b>        |           |             |
| NR                      | Navios Maritime L.P. (NMM)  | 32.77      | 1.0         | 3.6x                 | 6%        | 179         |
| NR                      | Safe Bulkers, Inc. (SB)   | 4.36       | 0.5         | 6.5x                 | 5%        | 119         |
| NR                      | Diana Shipping (DSX)  | 2.91       | 0.3         | 6.2x                 | 2%        | -29         |
| NR                      | Eagle Bulk Shipping (EGLE)  | 57.99      | 0.6         | 10.8x                | 5%        | 5%          |
| NR                      | Golden Ocean Group (GOGL)   | 11.22      | 2.3         | 11.5x                | 2%        | 159         |
| C-1-7                   | Pacific Basin Shipping (PCFBF)(1)                                   | HKD 2.25   | 1.5         | 5.4x                 | 6%        | -12         |
|                         | U.S. Dry Bulk Average   |            |             | 7.3x                 | 5%        | 79          |
|                         | Act Carrier/Other   |            |             | <u>P/E</u>           |           |             |
| B-1-9                   | Kirby Corp. (KEX)   | 85.70      | 5.0         | 17.5x                | 1%        | 9%          |
| NR                      | Matson Inc. (MATX)  | 114.20     | 4.0         | 14.2x                | -6%       | 4%          |
| NR                      | Tidewater Inc. (TDW)  | 70.06      | 3.7         | 12.9x                | 3%        | -39         |
|                         | Jones Act Carrier/Other Average                                     |            |             | 14.8x                | -1%       | 4%          |
| <u>Contair</u><br>B-2-8 | ner Shipping / Diversified Companies  AP Moeller-Maersk (AMKBF) (2) | DKK 10,400 | 26.2        |                      | -4%       | -14         |
|                         | . , , , ,   |            |             |                      | -4%<br>7% | -14<br>99   |
| B-1-8                   | COSCO Shipping Holding Co (CICOF)(1)                                | HK\$8.53   | 8.0         |                      |           |             |
| C-3-8                   | K-Line (KAKKF)(1)   | ¥7,167.00  | 11.4        | 12.7x                | 10%       | 189         |
| B-3-8                   | Mitsui O.S.K. Lines (MSLOF)(1)                                      | ¥5,351.00  | 12.9        | 7.7x                 | 7%        | 189         |
| B-3-8                   | NYK Line (NYUKF)(1)   | ¥4,845.00  | 16.4        | 10.1x                | 5%        | 110         |
| NR                      | Wan Hai Lines (WHILF)   | TWD 49.00  | 4.4         |                      | 4%        | -11         |
| NR                      | Yang Ming Marine (YMGXF)  | TWD 48.35  | 5.4         |                      | 4%        | -69         |
| C-2-8                   | Evergreen Marine Corp (EVGQF)(2)                                    | TWD 155.00 | 10.4        | 1.4x                 | 4%        | 8%          |
| NR                      | Hapag Llyod ADR (HLAG GY) )(2)                                      | € 133.70   | 25.4        | 35.3x                | 2%        | -19         |
| C-3-9                   | ZIM Integrated Shipping Svcs (ZIM)                                  | 12.46      | 1.5         |                      | 3%        | 260         |
|                         | Container & Diversified Average                                     |            |             | 10.2x                | 5%        | 6%          |
|                         | Shipping Mkt Cap / Shipping Avg                                     |            | 129.2       |                      | 2%        | 6%          |
|                         | S&P 500   | 4,976.35   |             | 23.0x                | 0%        | 4%          |

**Source:** BofA Global Research estimates, Bloomberg, (for stocks not covered by BofA Global Research)
Covered by: (1) Nathan Gee , (2) Muneeba Kayani

NR: Not Rated.

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#### **Airfreight and Surface Transportation Weekly Movers**

 Best:
 UPS (+3%)
 DHL GY (+2%)
 NSC (+2%)

 Worst:
 AUR (-16%)
 JBHT (-7%)
 EXPD (-6%)

#### **Marine Transportation Weekly Movers**

 Best:
 KAKKF (+10%)
 SFL (+9%)
 CICOF (+7%)

 Worst:
 MATX (-6%)
 GASS (-5%)
 DHT (-4%)



## **Upcoming Calendar of Events**

| Feb 27       | Wabtec's Facility Tour/Field Trip; Fort Worth, Texas               |
|--------------|--|
| Feb 28-29    | Southeast Association of Rail Shippers Spring Meeting, Atlanta     |
| Mar 3-6      | Rail Equipment Finance (REF) Conference, La Quinta                 |
| Mar 3-6      | TPM'24 – Transpacific Maritime Conference, Long Beach              |
| Mar 13       | World Kinect Corp (WKC) Investor Day, NYC                          |
| Mar 14       | Aurora Analyst & Investor Day, Pittsburgh                          |
| Mar 19-21    | BofA Global Industrials Conference (featuring CNI and WAB), London |
| Mar 26       | UPS Investor & Analyst Day, Louisville                             |
| Apr 30-May 2 | National Assoc of Rail Shippers (NARS) Ann Mtg, Chicago            |
| May 14-16    | BofA's 31st Annual Transport, Airline, & Industrials Conf, NYC     |

#### **BofA Global Research Reports**

| Title: Subtitle   | Primary Author Date Published |                  |  |  |  |
|---|-------------------------------|------------------|--|--|--|
| Transport Tracker: Issue #1112, week ending Feb. 14, 2024 | Ken Hoexter                   | 14 February 2024 |  |  |  |

# **Company News**

**Old Dominion Freight Line** approved a two-for-one stock split of its common stock. The additional shares are to be distributed on March 27, 2024, to shareholders of record on March 13, 2024. Upon completion of the split, the company will have approximately 217.6 million shares outstanding.

**Expeditors International of Washington** reported 4Q23 EPS of \$1.09, down 21% year-year. Revenues were \$2.3 billion, down 34% year-year. Operating income was \$199 million, down 40% year-year, resulting in an operating margin of 8.8%, an 80 bps deterioration from a year ago. Airfreight tonnage volume decreased 3% and ocean container volume decreased 10%.

**FedEx Corp.** appointed Jenifer Hollander as VP Investor Relations, effective March 1, 2024.

**Ryder System, Inc.** opened a logistics operation in Laredo, Texas, a newly built 228,000-square-foot multiclient warehouse and cross dock located just three miles from the World Trade Bridge on the U.S.-Mexico border. It has 102 dock doors and room for 143 trailers. Additionally, it expanded its drayage yard in Nuevo Laredo, Mexico that facilitates the transfer of freight across the border to U.S. drivers.

# Shipping

**Diana Shipping** signed shipbuilding contracts for two 81,200 dwt methanol dual fuel new-building Kamsarmax dry bulk vessels, for a purchase price of \$46 million each. Delivery is expected by the second half of 2027 and the first half of 2028, respectively. The vessels are designed to meet the requirements for energy efficiency levels and associated Greenhouse Gas (GHG) emissions and to comply with the NOx emissions regulations (NOx-Tier III) of the International Maritime Organization (IMO).

**Ardmore Shipping Corp** reported adju. 4Q23 EPS of \$0.63, down 53% year-year. Revenues were \$99 million, down 25% year-year. Voyage expenses were \$33 million, a decrease of \$6 million from a year ago. Vessel expenses were \$15 million, an increase of \$1 million, driven by a one-time change in technical manager for a portion of its fleet and the timing of certain vessel operating expenses between quarters. The average TCE rate for the company's fleet was \$29,702/day, a decrease from \$38,861/day for4Q22. In 4Q23, the company completed the installation of modular, carbon capture-ready scrubbers on two additional vessels during their scheduled drydockings.

**Matson, Inc.** reported 4Q23 EPS of \$1.78, down 15% year-year. Revenues were \$789 million, down 16% year-year. Ocean Transportation revenues were \$639 million, up 1% year-year. Logistics revenues decreased 11% to \$149 million. Total operating income



was \$75 million, down 19% year-year, resulting in an operating margin of 9.5%, a depreciation of 200 bps year-year.

# **Dividends Declared**

|     | Amount | Record Date | Payable Date |
|-----|--------|-------------|--------------|
| ASC | \$0.21 | 02/29/24    | 03/15/24     |
| CSX | \$0.12 | 02/29/24    | 03/15/24     |



## Week 7 Rail Carload Data: Up 1.8% Y-Y

Key Takeaways - Up 1.8% (from +0.9% last week): Total carloads for Week 7 of 2024 were up 1.8% year-year, to 603,055 (BNSF has not reported yet), improving from last week's 0.9% increase (or 611,545 carloads). Carloads were up for the third consecutive week. Growth was above the past 10-week average of +1.0%, while the full 1Q24 Carloads compares against a 0.8% decrease in 1Q23 (BNSF not incl.) Coal was down (-7.3% year-year), deteriorating from last week's 3.9% decrease. This was the sixth downtick in seven weeks. Nat Gas prices were down (-7%) to \$1.58/MMBtu from \$1.69/MMBtu last week. Coal's absolute level of carloads was 54k, below 58k last week, and flat with the 10-week avg of 54k. Chemical volumes were down 1.3% year-year, reversing last week's 2.8% increase. Chemicals declined following four upticks. Grain (+2.3%) was up, moderating from last week's 5.7% increase. Petroleum (+8.3%) was up, improving from last week's 3.8% increase. This was the 18th uptick over the last 19 weeks for Petroleum. Intermodal (+4.1%) was up, improving from last week's 3.0% increase. Intermodal was up for the 11th time over the last 14 weeks, while absolute volumes were 273k, below 279k last week, but above the 260k past 10-week avg. Auto (+9.3%) was up, moderating from last week's 11.3% increase. Auto was up for the third consecutive week.

**Overall Carloads:** Week 7 carloads were up 1.8% year-year, as increases at NS (+6.9%), CSX (+2.5%), and UP (+2.1%) more than offset a decrease at CPKC (-4.3%), and flat post at CN (+0.0%). Quarter-to-date, carloads are down 2.6% year-year, as decreases at CPKC (-6.6%), CN (-5.1%), UP (-3.2%), and CSX (-0.1%) more than offset an increase at NS (+0.4%). The 1Q24 carload trend of -3.5% (NSC not incl.) is below our -0.7% full quarter target for the Class I rails on average. The avg. carrier is trending below our target (-300 bps), with UNP the best at -130 bps vs. our tgt. (-3.2% vs. our -1.9%), vs CPKC the worst at -470 bps (-6.6% vs. our -1.9%).

**Revenue Ton Miles:** Week 7 RTMs: CN's RTMs are down 4.4% y-y 1QTD. CPKC's RTM are down 4.3% y-y 1QTD.

**Specifics:** Intermodal carloads (45.3% of total) were up 4.1% year-year, as increases at NS (+8.9%), CSX (+7.3%), and CN (+4.4%) more than offset decreases at UP (-0.1%) and CPKC (-2.5%). **Coal carloads (9.1% of total)** were down 7.3% year-year, as decreases at CPKC (-18.7%), UP (-16.8%), and CSX (-7.4%) more than offset increases at CN (+1.7%) and NS (+8.9%). **Chemical carloads (9.4% of total)** were down 1.3% year-year, as decreases at NS (-8.5%), CPKC (-5.2%), and CSX (-1.7%) more than offset increases at CN (+1.0%) and UP (+2.5%). **Grain carloads (4.5% of total)** were up 2.3% year-year, as increases at NS (+20.9%), UP (+14.6%), and CPKC (+14.3%) more than offset decreases at CSX (-14.7%) and CN (-21.2%). **Petroleum carloads (4.0% of total)** were up 8.3% year-year, as increases at CSX (+33.7%), UP (+10.6%), CN (+8.3%), and CPKC (+7.5%) more than offset a decrease at NS (-16.6%). **Auto carloads (5.3% of total)** were up 9.3% year-year, as increases at CSX (+24.7%), UP (+16.7%), and NS (+6.4%) more than offset decreases at CN (-3.3%) and CPKC (-6.2%).

**Exhibit 3: Carloads Week 7 2024 vs. 2023 and 1QTD volumes** Week 7 Rail Carload Data: Up 1.8% Y-Y

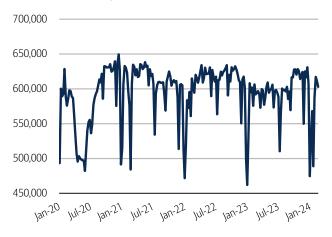
|                       | % of total | 2024 Wk 7 | 2023 Wk 7     | % Δ         | 1Q24 QTD       | % Δ    |
|-----------------------|------------|-----------|---------------|-------------|----------------|--------|
| Intermodal            | 45.3%      | 273,468   | 262,685       | 4.1%        | 1,825,557      | 0.2%   |
| Coal                  | 9.1%       | 54,743    | 59,033        | -7.3%       | 372,181        | -10.6% |
| Chemicals             | 9.4%       | 56,902    | 57,677        | -1.3%       | 383,989        | 1.1%   |
| Auto                  | 5.3%       | 31,841    | 29,128        | 9.3%        | 192,270        | -3.7%  |
| Grain                 | 4.5%       | 27,255    | 26,652        | 2.3%        | 170,943        | -11.0% |
| Forest Prod.          | 3.6%       | 21,556    | 20,973        | 2.8%        | 143,648        | -1.9%  |
| Petrol. Prod.         | 4.0%       | 23,903    | <u>22,076</u> | <u>8.3%</u> | <u>163,570</u> | 2.8%   |
| <b>Total Carloads</b> |            | 603,055   | 592,107       | 1.8%        | 3,998,389      | -2.6%  |

**Source:** BofA Global Research and AAR.



#### **Exhibit 4: Total Weekly Carload Volumes**

Total volumes were 603,055 for Week 7



Source: BofA Global Research and Association of American Railroads.

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#### Exhibit 5: Total Weekly Carload Growth Y-o-Y

Total volume growth was +1.8% y-y for Week 7



Source: BofA Global Research and Association of American Railroads.

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#### Exhibit 6: Total Quarterly Carload Growth Y-o-Y

Total Carloads Forecast Down 0.7% in 1Q24

|       | 4Q19a | 1Q20a  | 2Q20a  | 3Q20a | 4Q20a | 1Q21a | 2Q21a | 3Q21a | 4Q21a  | 1Q22a | 2Q22a | 3Q22a | 4Q22a | 1Q23a  | 2Q23a  | 3Q23a | 4Q23a | 1Q24e |
|-------|-------|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|
| BNSF  | -2.5% | -5.2%  | -17.9% | -8.3% | 2.6%  | 4.8%  | 24.5% | 4.4%  | -3.1%  | -3.3% | -5.6% | -5.0% | -9.2% | -10.3% | -11.1% | -4.8% | n/a   |       |
| CNI   | 0.4%  | -5.9%  | -15.9% | -5.9% | 7.1%  | 7.2%  | 13.5% | -0.9% | -10.0% | -5.9% | 0.3%  | 2.9%  | 2.5%  | 0.5%   | -7.1%  | -9.7% | -1.4% | -1.0% |
| CPKC  |       |        |        |       |       | -1.1% | 19.6% | -0.5% | -5.7%  | -4.0% | 0.1%  | 10.1% | 7.5%  | 5.7%   | -2.3%  | -4.9% | 1.8%  | -1.9% |
| CSX   | -5.3% | -1.1%  | -20.5% | -3.0% | 3.9%  | 1.0%  | 26.6% | 2.7%  | -1.8%  | -2.0% | 0.2%  | 1.5%  | -1.8% | -0.8%  | -3.0%  | -2.3% | 1.2%  | 1.9%  |
| NSC   | -5.8% | -11.4% | -25.6% | -7.0% | -1.2% | 2.9%  | 25.5% | -0.3% | -3.6%  | -4.5% | -3.3% | -2.1% | -1.3% | -0.1%  | -5.6%  | -2.2% | 2.9%  |       |
| UNP   | -8.1% | -7.0%  | -19.6% | -4.0% | 2.9%  | -0.7% | 21.9% | 0.0%  | -3.9%  | 4.1%  | -1.4% | 3.2%  | 0.8%  | -1.4%  | -1.8%  | -2.7% | 3.4%  | -1.9% |
| Total | -4.1% | -1.2%  | -16.2% | -1.9% | 6.9%  | 2.5%  | 22.3% | 1.2%  | -4.4%  | -2.4% | -2.1% | 0.8%  | -1.5% | -2.2%  | -5.6%  | -4.3% | 1.7%  | -0.7% |

**Source:** BofA Global Research and Association of American Railroads.

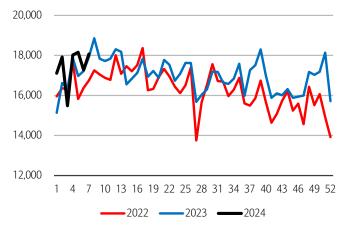
Note: The total for 1Q24 is an average of the estimates; CPKC Reinstated data from 2020; 4Q23 totals does not include BNSF.

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# **Selected Segments Weekly Carloads**

#### **Exhibit 7: Metal Carloads**

Metal Carloads were 18,071 in Week 7, up 0.8% Y-Y

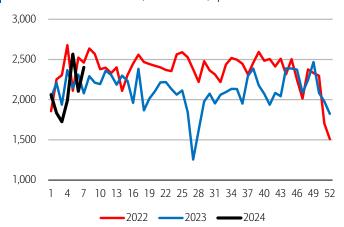


Source: BofA Global Research and Company data.

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## **Exhibit 8: Forest Product Carloads**

Forest Product Carloads were 2,401 in Week 7, up 15.5% Y-Y



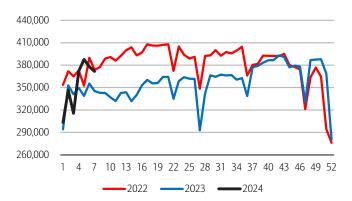
Source: BofA Global Research and Company data.



# **Selected Segments Weekly Carloads**

#### **Exhibit 9: Intermodal Carloads**

Intermodal Carloads were 371,655 in Week 7, up 7.6% Y-Y

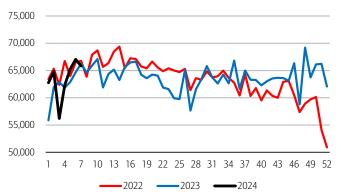


Source: BofA Global Research and Company data.

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#### **Exhibit 11: Chemical Carloads**

Chemical Carloads were 65,839 in Week 7, down 0.6% Y-Y

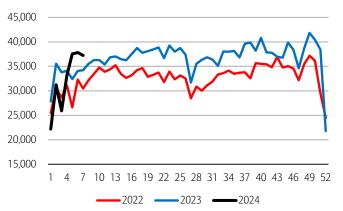


Source: BofA Global Research and Company data.

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#### **Exhibit 13: Auto Carloads**

Auto Carloads were 37,228 in Week 7, up 8.8% Y-Y

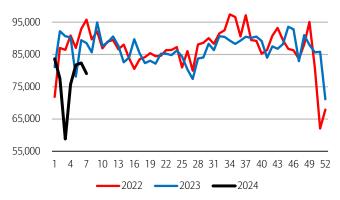


Source: BofA Global Research and Company data.

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#### **Exhibit 10: Coal Carloads**

Coal Carloads were 79,099 in Week 7, down 10.6% Y-Y

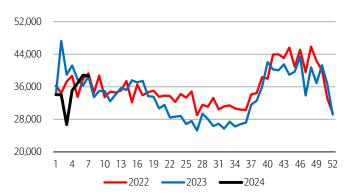


Source: BofA Global Research and Company data.

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#### **Exhibit 12: Grain Carloads**

Grain Carloads were 38,615 in Week 7, up 0.3% Y-Y

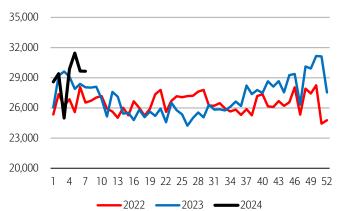


Source: BofA Global Research and Company data.

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#### **Exhibit 14: Petroleum Products Carloads**

Petroleum Products Carloads were 29,649 in Week 7, up 5.7% Y-Y



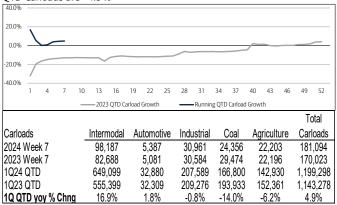
Source: BofA Global Research and Company data.



# **Selected Segments Weekly Carloads**

#### **Exhibit 15: BNSF Carloads**

QTD Carloads are +4.9%

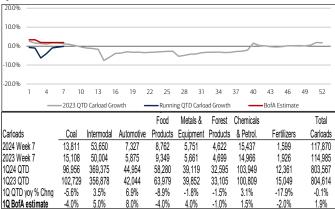


Source: BofA Global Research estimates, Association of American Railroads, and Company reports

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#### **Exhibit 17: CSX Carloads**

QTD Carloads are -0.1% vs. BofAe +1.9%

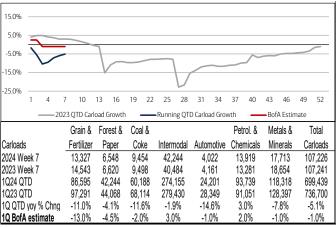


**Source**: BofA Global Research estimates, Association of American Railroads, and Company reports

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#### **Exhibit 19: CNI Carloads**

QTD Carloads are -5.1% vs. BofAe -1.0%

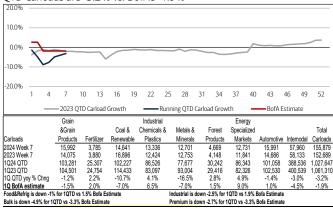


**Source:** BofA Global Research estimates, Association of American Railroads, and Company reports

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#### **Exhibit 16: Union Pacific Carloads**

QTD Carloads are -3.2% vs. BofAe -1.9%

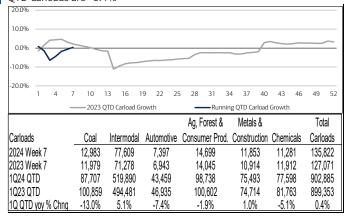


Source: BofA Global Research estimates, Association of American Railroads, and Company reports

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#### **Exhibit 18: NSC Carloads**

OTD Carloads are +0.4%

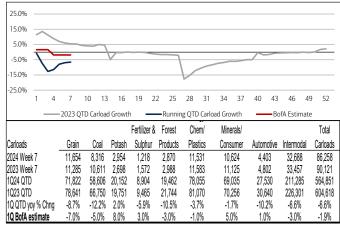


**Source:** BofA Global Research, Association of American Railroads, and Company reports

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#### **Exhibit 20: CPKC Carloads**

QTD Carloads are -6.6% vs. BofAe -1.9%



**Source:** BofA Global Research estimates, Association of American Railroads, and Company reports



#### **Diesel Fuel Prices: Flat sequentially**

Diesel fuel prices were flat (+0%) with last week, at \$4.11 for week 7 of 2024. Prices remain above \$4.00 for the second consecutive week after nine weeks below. The 1Q24 average for on-highway diesel is \$3.92/gallon, down 11% y-y from \$4.41 in 1Q23, and down 8% sequentially from 4Q23's \$4.26.

**WTI crude oil** futures closed at \$78.18, up 0.4% from last week's \$77.87. WTI was up for the sixth time over the past 7 weeks. The 1Q24 average is \$74.63, down 2% from 1Q23's \$76.12 average, and down 5% from 4Q23's \$78.44. We target \$77 and \$80 for 1Q24 and 2024.

**Brent crude oil** futures closed at \$82.34, down 0.5% from last week's \$82.77. The 1Q24 average is \$79.83, down 3% from 1Q23 average of \$82.16, and down 4% from 4Q23's average of \$82.80.

**The Brent to WTI gap** is \$4.16, down 15% from last week's \$4.90. The current spread is down 31% from the 1Q23 avg. of \$6.04.

**Natural Gas** futures closed at \$1.58 on February 20<sup>th</sup>, down 7% from \$1.69 last Tuesday. Nat Gas trends below \$2.00 for the second week and it closed at the lowest level since Week 12 of 2020 (\$1.60). Additionally, it was the sixth consecutive downtick. The 1Q24 average is \$2.31, down 18% from the 1Q23 average of \$2.83.

**Exhibit 21: Fuel surcharges** 

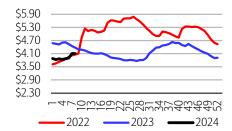
Weekly and Monthly surcharges table

|               | Week 6        | Week 7        | Week 8         |
|---------------|---------------|---------------|----------------|
|               | <u>2/7/24</u> | <u>2/1424</u> | <u>2/21/24</u> |
| ARCB - LTL    | 31.5%         | 33.8%         | 33.8%          |
| XPO - LTL     | 32.8%         | 32.8%         | 35.3%          |
| ARCB - TL     | 63.0%         | 67.6%         | 67.6%          |
| XPO - TL      | 65.6%         | 65.6%         | 70.5%          |
| FDX - Express | 17.00%        | 17.25%        | 17.50%         |
| UPS - Express | 20.25%        | 20.50%        | 21.00%         |
| FDX - Ground  | 15.25%        | 15.25%        | 16.00%         |
| UPS - Ground  | 15.50%        | 15.50%        | 16.00%         |
|               | <u>Dec-23</u> | <u>Jan-24</u> | <u>Feb-24</u>  |
| UP (standard) | \$0.49        | \$0.44        | \$0.38         |
| y-y % change  | -22%          | -31%          | -28%           |
| UP (coal)     | \$0.49        | \$0.44        | \$0.38         |
| y-y % change  | -22%          | -31%          | -28%           |
| CSX           | \$0.63        | \$0.57        | \$0.50         |
| y-y % change  | -22%          | -30%          | -26%           |
| CPKC          | \$0.60        | \$0.53        | \$0.46         |
| y-y % change  | -22%          | -32%          | -29%           |

**Source:** BofA Global Research and company reports.

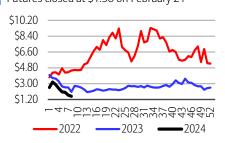
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# **Exhibit 22: National Diesel Fuel Prices**Diesel fuel prices: \$4.11 for week 7 of 2024



Source: BofA Global Research, DOE, Bloomberg
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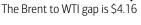
# **Exhibit 23: US Nat Gas Price Per MMBtu.** Futures closed at \$1.58 on February 21<sup>st</sup>



**Source:** BofA Global Research, DOE, Bloomberg

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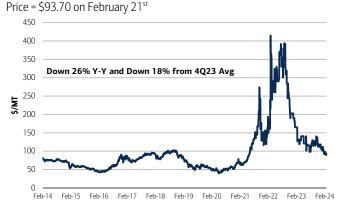
# Exhibit 24: Brent to WTI Spread The Brent to WTI gap is \$4.16





Source: BofA Global Research, DOE, Bloomberg
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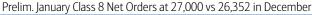
#### Exhibit 25: Thermal Coal, Europe Coal 6000kcal CIF ARA Forward



Source: BofA Global Research and Bloomberg.

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#### Exhibit 27: Class 8 Truck net orders





Source: BofA Global Research estimates and American Commercial Transportation Research (ACT)

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## Exhibit 28: Class 8 Truck net orders

January's Final Class 8 Net Orders at 27,125 (Preliminary was 27,000)

| CLASS 8 NET | ORDERS      |             |             |             |             |        |
|-------------|-------------|-------------|-------------|-------------|-------------|--------|
|             | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | 2024   |
| JAN         | 16,105      | 17,204      | 42,307      | 21,041      | 18,624      | 27,125 |
| FEB         | 16,854      | 14,040      | 44,190      | 21,006      | 23,790      |        |
| MAR         | 15,783      | 7,632       | 40,049      | 21,301      | 19,010      |        |
| APR         | 14,859      | 4,251       | 33,353      | 15,820      | 12,016      |        |
| MAY         | 10,886      | 6,690       | 23,072      | 14,081      | 15,623      |        |
| JUN         | 12,979      | 16,010      | 25,824      | 15,444      | 16,773      |        |
| JUL         | 10,298      | 20,359      | 25,876      | 11,025      | 15,573      |        |
| AUG         | 11,119      | 19,389      | 37,096      | 20,892      | 19,513      |        |
| SEP         | 12,692      | 30,768      | 27,323      | 53,271      | 36,974      |        |
| OCT         | 21,864      | 39,089      | 23,391      | 42,359      | 32,287      |        |
| NOV         | 17,483      | 52,104      | 9,902       | 32,630      | 41,732      |        |
| DEC         | 20,073      | 50,760      | 20,651      | 30,623      | 26,352      |        |
| Year Total  | 180.995     | 278.296     | 353.034     | 299,493     | 278.336     | 27.125 |

Source: American Commercial Transportation Research (ACT)

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#### **Exhibit 26: Australian Premium Coking Coal Futures**



Source: BofA Global Research and Bloomberg.

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# Prelim. January Class 8 Net Orders at 27,000 (from 26,352 in December)

# January Class 8 Final Net Orders 27,125

**Final Class 8 Net Orders were 27,125** in January, just above the 27,000 preliminary level (published two-weeks prior). On a year-over-year basis, orders were up 45% reversing December's 14% decrease. This was the second uptick in the last three months. On a sequential basis, net Orders were up 3%, reversing December's 37% decrease. Class 8 orders were above the 20,000 theoretical replacement level for the fifth consecutive month. Additionally, Orders were 17% above the past-12 month rolling average of 23,191 (January 2023 - December 2023).



4,000 0

### **Exhibit 29: Class 8 Truck production**

Class 8 Truck Production at 26,926 in January

40,000
36,000
32,000
28,000
24,000
16,000
12,000
8,000

**Source:** BofA Global Research estimates and American Commercial Transportation Research (ACT)

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# Jan-98 Jan-98 Jan-99 Jan-99 Jan-00 Jan-00 Jan-01 Jan-01 Jan-02 Jan-05 Jan-05 Jan-12 Jan-15 Jan-15 Jan-15 Jan-15 Jan-15 Jan-15 Jan-15 Jan-15 Jan-15 Jan-17 Jan-18 Jan-20 Jan-18 Ja

#### **Exhibit 30: Cass Freight Shipments Index**

January's Cass Freight Index: -7.6% Y-Y, -3.5% M-M

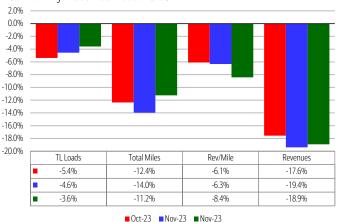


**Source:** Cass Information Systems, Inc.

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#### **Exhibit 31: Truck Activity**

Truck Activity: December Loads -3.6% Y-Y



Source: American Trucking Association

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# Class 8 Truck Production at 26,926 Up 3% Sequentially

## Cass Freight Index: -7.6% Y-Y, -3.5% M-M

The Cass Freight Shipment index declined 7.6% year-over-year in January, in line with December's 7.2% decrease. This was the 12<sup>th</sup> consecutive downtick. On a sequential basis, the index was down 3.5%, deteriorating from the 1.6% decline last month. Cass believes that the continuous downturn will soon end as destocking is playing out and goods consumption is rising. The expenditures index was down 24.3% year-over-year, deteriorating from last month's 23.7% decline. This was the 11<sup>th</sup> consecutive double-digit decline for this index. Overall, the index for both shipments and expenditures declined 20.7% from January 2022.

#### **December Total Truck Loads: -3.6% Y-Y**



#### **Exhibit 32: Historical ATA Truck Tonnage Index**

Preliminary January Truck Tonnage: -5.1% Y-Y, -3.5% M-M



Source: American Trucking Association

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## **Exhibit 33: Historical ATA Truck Tonnage Index**

December Truck Tonnage: -1.0% Y-Y, +1.6% M-M

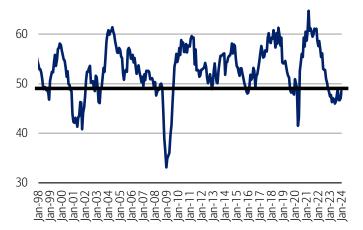
|      | 2017  | 2018  | 2019  | 2020  | 2021  | 2022  | 2023  |
|------|-------|-------|-------|-------|-------|-------|-------|
| JAN  | 103.2 | 109.5 | 116.1 | 117.0 | 114.2 | 115.5 | 117.0 |
| FEB  | 104.2 | 111.9 | 116.1 | 116.9 | 112.5 | 116.1 | 118.0 |
| MAR  | 103.5 | 112.7 | 116.7 | 117.9 | 114.5 | 118.8 | 114.7 |
| APR  | 104.3 | 111.9 | 117.6 | 107.3 | 113.7 | 116.5 | 112.7 |
| MAY  | 105.0 | 113.3 | 117.4 | 109.7 | 112.9 | 117.1 | 114.1 |
| JUN  | 103.7 | 113.8 | 117.1 | 111.1 | 111.3 | 117.5 | 113.8 |
| JUL  | 106.9 | 113.0 | 118.3 | 113.1 | 110.6 | 115.8 | 115.0 |
| AUG  | 108.2 | 113.7 | 119.7 | 110.9 | 110.8 | 118.2 | 115.2 |
| SEP  | 108.8 | 114.7 | 117.3 | 111.0 | 112.7 | 119.1 | 113.9 |
| OCT  | 109.2 | 116.0 | 117.9 | 111.1 | 113.1 | 117.6 | 114.9 |
| NOV  | 109.9 | 116.8 | 116.9 | 111.8 | 113.8 | 114.8 | 113.3 |
| DEC  | 111.6 | 114.7 | 116.1 | 113.1 | 114.9 | 116.2 | 115.1 |
| Avg. | 106.5 | 113.5 | 117.3 | 112.6 | 112.9 | 116.8 | 114.8 |

Source: American Trucking Association

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#### **Exhibit 34: ISM Manufacturing Index**

January ISM Manufacturing Index 49.1, +2.0 pts.



Source: BofA Global Research and Bloomberg.

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# Prelim. January Truck Tonnage: -5.1% Y-Y, -3.5% M-M

The American Trucking Association's (ATA) seasonally adjusted Truck Tonnage index declined 5.1% year-over-year in January to 111.0, deteriorating from December's 1.1% decrease. This was the 11<sup>th</sup> consecutive downtick for the index. Tonnage was down 3.5% sequentially, reversing December's 1.5% increase. ATA's Chief Economist Bob Costello mentioned that bad winter weather during the month likely hurt volumes, as well as drops in number of drivers of tonnage, including retail sales, housing starts and manufacturing output.

# December Truck Tonnage: -1.0% Y-Y, +1.6% M-M

ISM Manufacturing Index 49.1, +2.0 pts.



#### **Exhibit 35: BofA Truckload Diffusion Indicator**

Demand Indicator at 50.5 from 52.8 (bi-weekly Issue #302 on Feb 8th)



Source: BofA Global Research estimates

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## Exhibit 36: Shippers' 6-12 months outlook for freight demand

L-T Demand Indicator at 58.7, up 0.3% sequentially



Source: BofA Global Research estimates

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#### **Exhibit 37: Shippers' view of inventory levels**

Inventory Indicator at 56.1, up 3% from last issue.



Source: BofA Global Research estimates

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# BofA TRUCK SHIPPER SURVEY Survey Says: Demand (50.5)

This week, our proprietary bi-weekly BofA Truckload Demand **Indicator** for shippers' 0- to 3-month freight demand outlook decreased to 50.5 from 52.8 last survey. The Demand Indicator has now been at- or above-50 for 4 consecutive issues and 7x over the past 12. This positive stretch follows a period at- or below-50 for 21 of the prior 25 issues (since February 2023). The Indicator remains below the 54.2 average during the '12, '15, '19 Freight Recession periods, highlighting the muted backdrop, yet improving from its 2023 trough (42.6). The Demand Indicator was up 12% year-year, its 11th yr-yr uptick in the past 12 issues. Rail carloads increased 4% year-year this week, the 1st uptick after 3 weeks of declines from Jan. weather impacts. Dry van spot rates ex-fuel were \$1.46/mile, down a touch from \$1.48/mile last week, in line with normal seasonal pullbacks around Lunar New Year, yet remaining above the \$1.21-\$1.26 band it was at in Aug-Oct 2023. Of the respondents, 27% had a positive short-term demand outlook, up from 25% last survey; neutral outlooks were 47%, down from 55% last survey, and negative outlooks were 27%, up from 20% last survey. In the week of February 8th, we surveyed 49 shippers for views on truckload demand, supply, pricing, and inventory.

# Capacity view lowest in 11 surveys; Inventory ticks up

**The Rate Indicator**, or shippers' view on truck rates, decreased to 49.0 from 52.3 last issue, down 6% sequentially after surpassing 50 last survey for the first time in 92 weeks. **The Inventory Indicator** increased to 56.1 from 54.5 last issue, as shippers hold higher inventories into Lunar New Year. **The Truck Capacity Indicator**, which gauges shippers' views of available truck capacity, decreased to 59.2 from 61.4 last survey, its lowest in 11 surveys as capacity continues to tighten.

# Rates face seasonal soft patch

With respect to rates, 22% of shippers expect rates to fall, up from 11% last issue, 57% expect pricing to be flat, down from 73% last issue, and 20% expect rates to rise, up from 16% last issue. On capacity, 31% expect capacity to rise, vs 27% last issue, 57% expect capacity to stay flat, from 68% last issue, 12% expect capacity to be lower, vs 5% last issue. **SHIPPER COMMENTS:** A Consumer Shipper noted spot market rates are increasing week-over-week, while contracted rates remain flat. An Industrial Shipper is seeing pockets of tightness from weather events and year end rail congestion. It is still receiving lots of cold calls from carriers looking for business. An Industrial Shipper sees rates moving up slightly as the market recovers from the lows. (See survey for additional commentary).



# **Exhibit 38: Shippers' view of Trucking rates over the next 3 months** Rate Indicator at 49.0, -6% sequentially



Source: BofA Global Research estimates.

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# **Exhibit 40: BofA Truckload 0-3 month Demand (Diffusion) Indicator** Diffusion indicator month-by-month levels

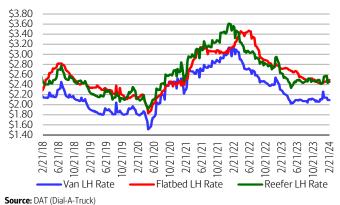
|     |       | 2020 |       | 2021 |       | 2022 |       | 2023 | :     | 2024 |
|-----|-------|------|-------|------|-------|------|-------|------|-------|------|
| Jan | 1/2   | 52.3 | 1/14  | 63.8 | 1/13  | 75.0 | 1/12  | 47.5 | 1/11  | 51.6 |
|     | 1/16  | 54.1 | 1/28  | 63.8 | 1/27  | 70.0 | 1/26  | 51.3 | 1/25  | 52.8 |
| Feb | 1/30  | 54.6 | 2/11  | 67.5 | 2/10  | 69.5 | 2/9   | 45.1 | 2/8   | 50.5 |
|     | 2/13  | 53.1 | 2/25  | 68.8 | 2/24  | 71.9 | 2/23  | 47.6 | 2/22  |      |
| Mar | 2/27  | 51.3 | 3/11  | 72.9 | 3/10  | 70.3 | 3/9   | 46.9 | 3/8   |      |
|     | 3/12  | 46.1 | 3/25  | 68.8 | 3/24  | 69.2 | 3/23  | 48.3 | 3/22  |      |
| Apr | 3/26  | 43.5 | 4/8   | 73.0 | 4/7   | 64.1 | 4/6   | 49.5 | 4/5   |      |
|     | 4/9   | 37.2 | 4/22  | 75.7 | 4/21  | 58.0 | 4/20  | 44.4 | 4/19  |      |
|     | 4/23  | 33.3 | 5/6   | 77.6 | 5/5   | 57.5 | 5/4   | 49.5 | 5/3   |      |
| May | 5/7   | 37.8 | 5/20  | 78.3 | 5/19  | 55.0 | 5/18  | 44.3 | 5/17  |      |
|     | 5/21  | 46.2 | 6/3   | 78.3 | 6/2   | 58.5 | 6/1   | 42.6 | 5/31  |      |
| Jun | 6/4   | 54.6 | 6/17  | 78.1 | 6/16  | 54.0 | 6/15  | 47.9 | 6/14  |      |
|     | 6/18  | 56.4 | 7/1   | 75.7 | 6/30  | 55.5 | 6/29  | 49.4 | 6/28  |      |
| Jul | 7/2   | 59.3 | 7/15  | 70.9 | 7/14  | 50.9 | 7/13  | 47.1 | 7/12  |      |
|     | 7/16  | 62.5 | 7/29  | 74.3 | 7/28  | 53.9 | 7/27  | 50.0 | 7/26  |      |
| Aug | 7/30  | 59.1 | 8/12  | 73.0 | 8/11  | 50.0 | 8/10  | 55.2 | 8/9   |      |
|     | 8/13  | 63.5 | 8/26  | 73.0 | 8/25  | 54.5 | 8/24  | 51.0 | 8/23  |      |
| Sep | 8/27  | 71.1 | 9/9   | 73.6 | 9/8   | 51.6 | 9/7   | 52.4 | 9/6   |      |
|     | 9/10  | 75.8 | 9/23  | 75.0 | 9/22  | 50.0 | 9/21  | 50.0 | 9/20  |      |
| Oct | 9/24  | 78.1 | 10/7  | 69.4 | 10/6  | 47.6 | 10/5  | 48.9 | 10/4  |      |
|     | 10/8  | 73.3 | 10/21 | 68.3 | 10/20 | 45.6 | 10/19 | 52.5 | 10/18 |      |
|     | 10/22 | 70.0 | 11/4  | 76.6 | 11/3  | 42.4 | 11/2  | 47.7 | 11/1  |      |
| Nov | 11/5  | 72.5 | 11/18 | 67.7 | 11/17 | 50.4 | 11/16 | 44.4 | 11/15 |      |
|     | 11/19 | 69.9 | 12/2  | 69.7 | 12/1  | 47.8 | 11/30 | 49.0 | 11/29 |      |
| Dec | 12/3  | 63.8 | 12/16 | 68.6 | 12/15 | 47.2 | 12/14 | 49.0 | 12/13 |      |
|     | 12/17 | 66.3 | 12/30 | 66.7 | 12/29 | 49.4 | 12/28 | 52.4 | 12/27 |      |
|     | 12/31 | 67.7 |       |      |       |      |       |      |       |      |

Source: BofA Global Research estimates

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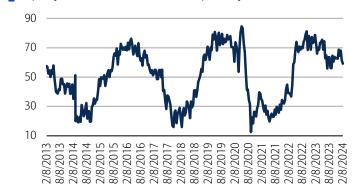
#### Exhibit 42: Month-to-Date Run Rate

Van Rate = \$2.09 Flatbed Rate = \$2.49 & Reefer Rate = \$2.45



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# **Exhibit 39: Shippers' view of Capacity over the next 3 months** Capacity Indicator at 59.2, down 4% sequentially

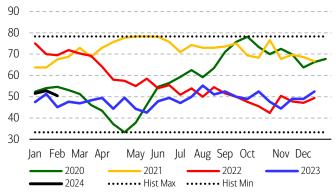


Source: BofA Global Research estimates.

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# Exhibit 41: Demand (Diffusion) Indicator for 0-3-month demand outlook on stack basis (2020-2024)

Demand Indicator to 50.5 (bi-weekly Issue #302 on February 8th)



Source: BofA Global Research estimates

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**Disclaimer:** The indicator identified as BofA Truckload Diffusion Indicator in this report is intended to be an indicative metric only and may not be used for reference purposes or as a measure of performance for any financial instrument or contract, or otherwise relied upon by third parties for any other purpose, without the prior written consent of BofA Global Research. This indicator was not created to act as a benchmark.

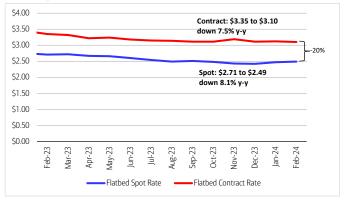
#### Exhibit 43: Monthly Van Spot Rate vs. Contract Rate

Van Spot Rate = \$2.09 & Contract Rate = \$2.49 \$4.00 Contract: \$2.82 to \$2.49 \$3.50 down 11.7% y-y \$3.00 \$2.50 \$2.00 Spot: \$2.26 to \$2.09 \$1.50 down 7.5% y-y \$1.00 \$0.50 \$0.00 Jun-23 0ct-23 Nov-23 Jan-24 Dec. Feb-Van Spot Rate ■Van Contract Rate

Source: DAT (Dial-A-Truck)

#### **Exhibit 44: Monthly Flatbed Spot Rate vs. Contract Rate**

Flatbed Spot Rate = \$2.49 & Contract Rate = \$3.10

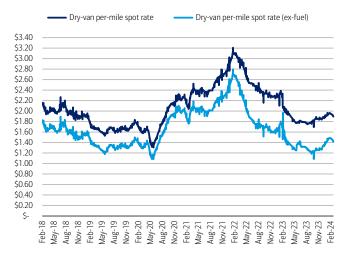


Source: DAT (Dial-A-Truck)

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#### **Exhibit 46: Truckstop.com Spot Rates**

Dry-Van Spot = \$1.89 Dry-Van (ex-fuel) = \$1.41



Source: Truckstop.com, Bloomberg

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#### **Exhibit 47: Van Load to Truck Ratio**

February Load-to-Truck Ratio at 1.55, down 42% M-M



Source: DAT (Dial-A-Truck), Bloomberg

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#### **Exhibit 45: Monthly Reefer Spot Rate vs. Contract Rate**

Reefer Spot Rate = \$2.45 & Contract Rate = \$2.88



Source: DAT (Dial-A-Truck)

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# TruckStop Spot Rates: Dry-Van Spot = \$1.89, Dry-Van (ex-fuel) = \$1.41

Truckstop.com's Dry van spot rates ex-fuel were \$1.41/mi for the week ending February 21, from \$1.46/mi the prior week (February 14) and are flat YTD (from \$1.41/mi on Dec 31).

Truckstop.com's Dry van spot rates (fuel included) were \$1.89/mi for the week ending February 21, from \$1.93/mi the prior week (February 14) and are down 1% YTD (from \$1.91/mi on Dec 31).

Fuel represented \$0.48/mi, up from last week's \$0.47/mi and down from \$0.50 on Dec 31.

# DAT Spot Dry-Van Load/Truck Ratio = 1.14

**Weekly Update:** DAT's (Dial-a-Truck) dry-van spot load-to-truck ratio was 1.14 for the week ended February 18<sup>th</sup>, down from 1.44 (-21%) the prior week (February 11), and up from 2.48 (-54%) a year prior. The Ratio posted two consecutive historic lows.

**Monthly Update:** DAT's (Dial-a-Truck) dry-van spot load-to-truck ratio is at 1.55 for the month of February, down from 2.69 in January, and down from 2.52 (-38%) a year prior. In January, the Ratio was down year-year for the 24<sup>th</sup> consecutive month.

#### **Exhibit 48: Top 10 US Ports Loaded Volumes**

Top 10 Ports in December: +11% Y-Y, LA/LB +15% Y-Y

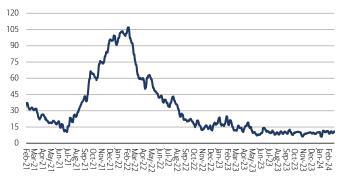
| Top 10 U.S. Ports     | <b>2023</b><br>TEU's | <b>2023</b><br>YTD<br>Chg. | Nov-23<br>Y-Y % | <b>Dec-23</b><br>Y-Y % | Nov-23<br>TEU's | Dec-23<br>TEU's |
|-----------------------|----------------------|----------------------------|-----------------|------------------------|-----------------|-----------------|
| Los Angeles (18%)     | 5,733,326            | -7%                        | 25%             | 8%                     | 496,374         | 486,236         |
| Long Beach (16%)      | 5,086,796            | -12%                       | 21%             | 22%                    | 464,137         | 437,017         |
| Total LA/LB           |                      |                            |                 |                        |                 |                 |
| (35% of total US)     | 10,820,122           | -9%                        | 23%             | 15%                    | 960,511         | 923,253         |
| New York (17%)        | 5,275,292            | -14%                       | -5%             | 6%                     | 436,302         | 430,690         |
| Savannah (13%)        | 3,738,450            | -11%                       | -3%             | -1%                    | 318,679         | 321,579         |
| Houston (11%)         | 3,175,543            | 0%                         | -10%            | 11%                    | 254,027         | 270,618         |
| Norfolk (9%)          | 2,627,523            | -6%                        | 6%              | -1%                    | 230,047         | 213,388         |
| Seaport Alliance (6%) | 1,667,451            | -8%                        | 2%              | 19%                    | 138,832         | 156,423         |
| Charleston (7%)       | 1,923,450            | -6%                        | 1%              | -3%                    | 157,512         | 162,100         |
| Oakland (5%)          | 1,575,077            | -10%                       | 1%              | 15%                    | 132,648         | 142,148         |
| Maryland (1%)         | 793,060              | 2%                         | 0%              | 5%                     | 61,962          | 67,655          |
| Total Top 10          |                      |                            |                 |                        | 2,690,52        |                 |
| (91.5% of US)         | 31,595,968           | -6.7%                      | 5.4%            | 11%                    | 0               | 2,687,854       |
| Vancouver             | 2,355,940            | -7%                        | 4%              | 42%                    | 213,457         | 215,153         |
| Prince Rupert         | 494,713              | -26%                       | -10%            | -20%                   | 41,679          | 44,340          |

**Source:** Ports of Los Angeles, Long Beach, New York, Savannah, Norfolk, Oakland, Houston, Charleston, Vancouver, Maryland, and BofA Global Research estimates

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#### Exhibit 49: Port of Los Angeles/Long Beach Vessels waiting to dock

On one-week moving average, vessels at anchor and loitering (given new queue system) were 11.0 on 02/21/24 (vs 9.4 on 02/14/24). On day-of basis: 11 vs 8 (includes 11 vs 8 vessels at dock), or **0 vs 0 in queue alone**.



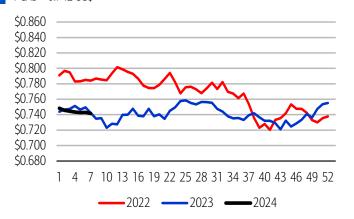
**Source:** BofA Global Research and Port of LA/Long Beach

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# **Canadian Dollar and Mexican Peso FX Rates**

#### Exhibit 50: Price of 1 Canadian Dollar in US\$

1 CAD = 0.742 US\$



Source: Bloomberg

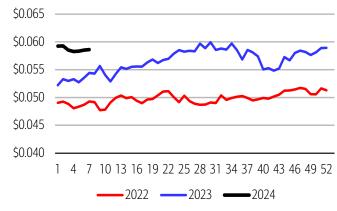
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# Top 10 Ports in December: +11% Y-Y, LA/LB +15% Y-Y

# Port of LA/Long Beach – Ships in queue – 0 on 02/21/24 (from 0 a week prior)

# Exhibit 51: Price of 1 Mexican Peso in US\$

1 MXN = 0.059 US\$



Source: Bloomberg





#### Exhibit 52: IATA Volume year-over-year growth





Source: International Air Transport Association

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Memphis Airport FDX Air Cargo Volumes in

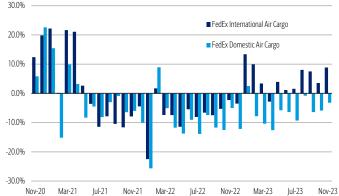
November: -3.2% Y-Y

IATA Freight Vols: +10.8% Y-Y in

December, North America +2.0%

# Exhibit 53: FedEx Air Cargo Volumes at Memphis International Airport

Memphis Airport FDX Domestic Air Cargo Volumes in November: -3.2 % Y-Y



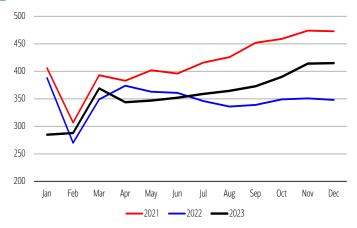
**Source:** BofA Global Research and Memphis International Airport Statistics

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# Hong Kong Airport (HKIA): +19.3% Y-Y, +0.2% M-M

#### **Exhibit 54: Hong Kong Airport cargo (000 tons)**

HKIA in December: +19.3% Y-Y, +0.2% M-M



**Source:** Hong Kong International Airport

#### **Rail Performance Measures**

**Overall Takeaway:** The 3 main service level metrics for Class I Rails deteriorated on a sequential basis for the second consecutive week, as Velocity, Dwell Time, and Cars-On-Line were down. At the same time, all 3 metrics posted upticks on a year-over-year basis for the third consecutive week, as Velocity, Cars-On-Line and Dwell Time improved. CPKC (+1.0%) led the group in velocity this week, reversing last week's 2.0% decline. NSC (-3.2%) trailed the group for the second week, deteriorating from last week's 2.3% decrease. BNSF has not reported yet.

**Velocity** (avg. speed of rail network, faster is better): Deteriorated sequentially (-1.0%) and Improved year-over-year (+1.1%).

**Cars-on-Line** (fewer cars-on-line is better): Deteriorated sequentially (+0.1%) and improved year-over-year (-0.8%).

**Terminal Dwell** (lower is better): Deteriorated sequentially (+2.5%) and Improved year-over-year (-3.4%).

#### **Exhibit 55: Rail Performance Metrics**

Service levels deteriorated sequentially but improved year-over-year

#### **Rail Performance Measures**

Velocity (avg. speed of rail network, faster is better)

| relocity (avg. speed of run fleetrork, ruster is octier) |        |        |        |           |           |
|--|--------|--------|--------|-----------|-----------|
|  | 2024   | 2024   | 2023   |           |           |
| (miles per hour)   | Week 7 | Week 6 | Week 7 | % Seq Chg | % y-y Chg |
| CNI  | 19.0   | 19.4   | 20.0   | -2.1%     | -5.0%     |
| CPKC   | 19.4   | 19.2   | 17.3   | 1.0%      | 12.1%     |
| CSX  | 18.2   | 18.2   | 18.5   | 0.0%      | -1.6%     |
| NSC  | 20.9   | 21.6   | 20.3   | -3.2%     | 3.0%      |
| UNP  | 23.8   | 23.9   | 24.1   | -0.4%     | -1.2%     |
| BNSF (1)   | 25.4   | 25.4   | 26.0   | 0.0%      | -2.3%     |
| Average  | 20.3   | 20.5   | 20.0   | -1.0%     | 1.1%      |

| % Seq<br>Chg | % y-y<br>Chg |
|--------------|--------------|
|              |              |
|              |              |
|              |              |
| Slower       | Faster       |
| -1.0%        | +1.1%        |

#### Cars On Line (fewer cars-on-line is better)

|               | 2024    | 2023    | 2023    | -         |           |
|---------------|---------|---------|---------|-----------|-----------|
| (no. of cars) | Week 7  | Week 6  | Week 7  | % Seq Chg | % y-y Chg |
| CNI           | 85,140  | 83,711  | 86,127  | 1.7%      | -1.1%     |
| CPKC          | 89,272  | 89,394  | 92,941  | -0.1%     | -3.9%     |
| CSX           | 125,671 | 125,443 | 127,336 | 0.2%      | -1.3%     |
| NSC           | 169,267 | 169,399 | 170,168 | -0.1%     | -0.5%     |
| UNP           | 311,549 | 312,315 | 310,632 | -0.2%     | 0.3%      |
| BNSF (1)      | 260,471 | 260,471 | 252,313 | 0.0%      | 3.2%      |
| Average       | 156,180 | 156,052 | 157,441 | 0.1%      | -0.8%     |

| Worse |  |
|-------|--|
| +0.1% |  |



#### **Terminal Dwell Time (lower is better)**

|                 | 2023   | 2023   | 2023   |           |           |
|-----------------|--------|--------|--------|-----------|-----------|
| (time in hours) | Week 7 | Week 6 | Week 7 | % Seq Chg | % y-y Chg |
| CNI             | 7.0    | 6.8    | 7.2    | 2.9%      | -2.8%     |
| CPKC            | 9.2    | 9.2    | 10.4   | 0.0%      | -11.5%    |
| CSX             | 9.9    | 9.6    | 8.9    | 3.1%      | 11.2%     |
| NSC             | 24.3   | 23.0   | 25.8   | 5.7%      | -5.8%     |
| UNP             | 23.3   | 23.3   | 24.0   | 0.0%      | -2.9%     |
| BNSF (1)        | 26.9   | 26.9   | 27.4   | 0.0%      | -1.8%     |
| Average         | 14.7   | 14.4   | 15.3   | 2.5%      | -3.4%     |

Worse +2.5%



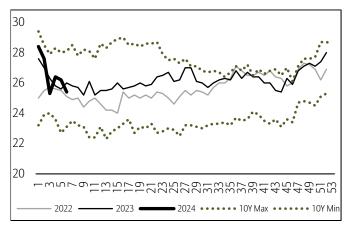
(1): Due the BNSF reporting schedule the reported data is delayed by one week and not included on the averages.

**Source:** BofA Global Research, company reports

# Weekly Rail Velocity Monitor

#### **Exhibit 56: BNSF Velocity**

BNSF velocity was 25.4 mph for week 6

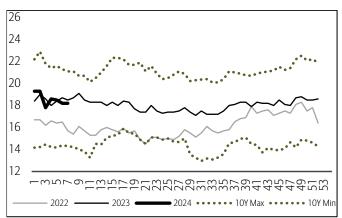


Source: Company reports, and Association of American Railroads.

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## **Exhibit 58: CSX Velocity**

CSX velocity was 18.2 mph for week 7

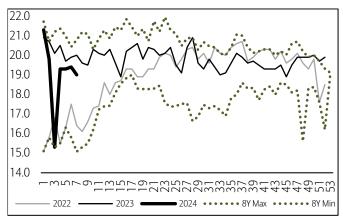


**Source:** Company reports, and Association of American Railroads.

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#### **Exhibit 60: Canadian National Velocity**

CNI velocity was 19.0 mph for week 7



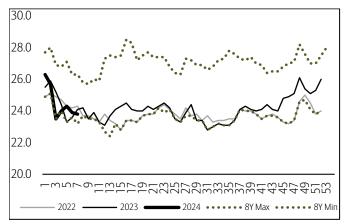
**Source:** Company reports, and Association of American Railroads.

CNI restated performance metrics, historical data available from 2017

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#### **Exhibit 57: Union Pacific Velocity**

UNP velocity was 23.8 mph for week 7



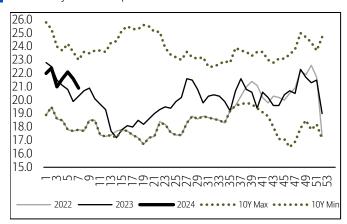
**Source:** Company reports, and Association of American Railroads.

UNP restated performance metrics, historical data available from 03/24/17

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### **Exhibit 59: Norfolk Southern Velocity**

NSC velocity was 20.9 mph for week 7

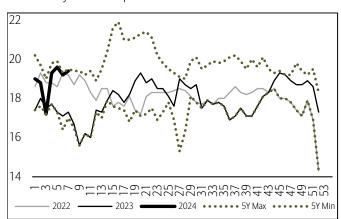


Source: Company reports, and Association of American Railroads.

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#### **Exhibit 61: Canadian Pacific Kansas City Velocity**

CPKC velocity was 19.4 mph for week 7



**Source:** Company reports, and Association of American Railroads.

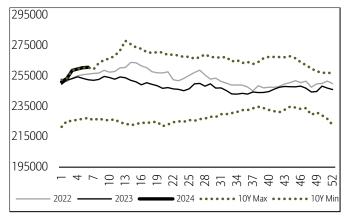
 $\label{eq:cpkc} \text{CPKC restated performance metrics, historical data available from 2020}$ 



# **Weekly Cars On-Line Monitor**

#### **Exhibit 62: BNSF Cars-On-Line**

BNSF cars on line were 260,471 for week 6

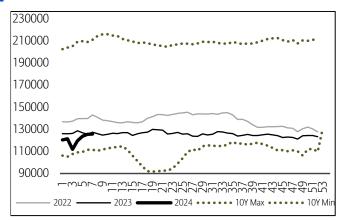


**Source:** Company reports, and Association of American Railroads.

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#### **Exhibit 64: CSX Cars-On-Line**

CSX cars on line were 125,671 for week 7

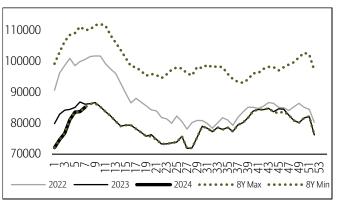


**Source:** Company reports, and Association of American Railroads.

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#### **Exhibit 66: Canadian National Cars-On-Line**

CNI cars on line were 85,140 for week 7



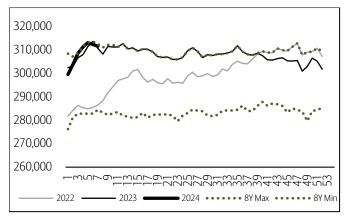
**Source:** Company reports, and Association of American Railroads.

CNI restated performance metrics, historical data available from 2017

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#### **Exhibit 63: Union Pacific Cars-On-Line**

UNP cars on line were 311,549 for week 7



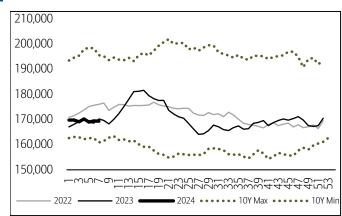
Source: Company reports, and Association of American Railroads.

UNP restated performance metrics, historical data available from 03/24/17

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#### **Exhibit 65: Norfolk Southern Cars-On-Line**

NSC cars on line were 169,267 for week 7

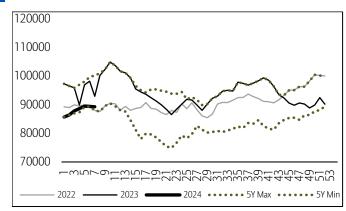


**Source:** Company reports, and Association of American Railroads.

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## **Exhibit 67: Canadian Pacific Kansas City Cars-On-Line**

CPKC cars on line were 89,272 for week 7



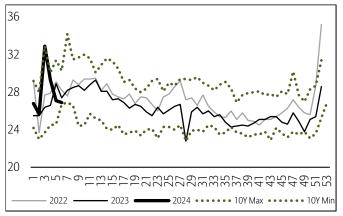
**Source:** Company reports, and Association of American Railroads. CPKC restated performance metrics, historical data available from 2020



# **Weekly Dwell Time Monitor**

#### **Exhibit 68: BNSF Dwell Time**

BNSF dwell time was 26.9 hrs for week 6

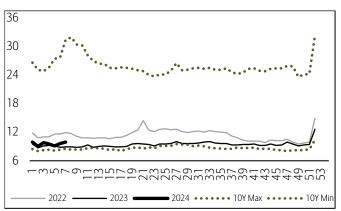


Source: Company reports, and Association of American Railroads.

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#### **Exhibit 70: CSX Dwell Time**

CSX dwell time was 9.9 hrs for week 7

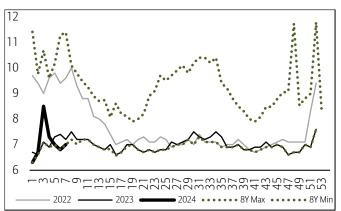


**Source:** Company reports, and Association of American Railroads.

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#### **Exhibit 72: Canadian National Dwell Time**

CNI dwell time was 7.0 hrs for week 7



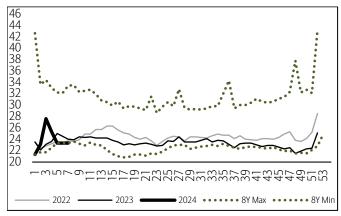
**Source:** Company reports, and Association of American Railroads.

CNI restated performance metrics, historical data available from 2017

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#### **Exhibit 69: Union Pacific Dwell Time**

UNP dwell time was 23.3 hrs for week 7



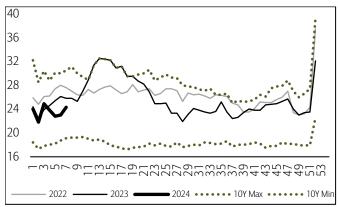
Source: Company reports, and Association of American Railroads.

UNP restated performance metrics, historical data available from 03/24/17

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#### **Exhibit 71: Norfolk Southern Dwell Time**

NSC dwell time was 24.3 hrs for week 7

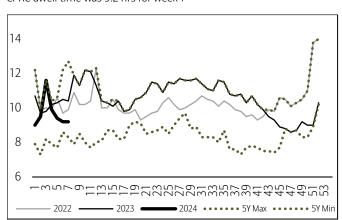


Source: Company reports, and Association of American Railroads.

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#### **Exhibit 73: Canadian Pacific Kansas City Dwell Time**

CPKC dwell time was 9.2 hrs for week 7



**Source:** Company reports, and Association of American Railroads. CPKC restated performance metrics, historical data available from 2020



# Less-than-Truckload Data Update and Rail Employment

#### Exhibit 74: Less-than-Truckload Tons/Day Y-Y%

LTL Tons/Day is down 5.2% on avg y-y in Dec. (among peers that disclose)

|        | ODFL   | YELL   | ARCB   | SAIA  | XPO   |
|--------|--------|--------|--------|-------|-------|
| Jan-23 | -7.8%  | -17.2% | 1.6%   | -3.7% | 2.8%  |
| Feb-23 | -12.4% | 1.3%   | 2.1%   | -7.6% | -2.0% |
| Mar-23 | -15.8% | -16.9% | 4.3%   | -5.2% | -5.5% |
| Apr-23 | -14.5% | -16.4% | 1.3%   | -1.1% | -2.0% |
| May-23 | -14.4% | -16.3% | 2.0%   | -2.0% | -2.3% |
| Jun-23 | -13.3% | -18.3% | -0.2%  | -2.2% | -4.0% |
| Jul-23 | -11.1% |        | -5.2%  | 3.4%  | 4.2%  |
| Aug-23 | -6.0%  |        | -7.1%  | 6.8%  | 3.3%  |
| Sep-23 | -3.7%  |        | -6.6%  | 9.7%  | 2.2%  |
| Oct-23 | -1.9%  |        | -4.0%  | 7.8%  | 2.5%  |
| Nov-23 | -2.3%  |        | -10.0% | 9.2%  | -0.5% |
| Dec-23 | -2.5%  |        | -8.3%  | 6.8%  | 3.6%  |
| Jan-24 | -5.1%  |        | -18.0% | 3.3%  | -1.1% |

No data provided (BofA quarterly average)

**Source:** BofA Global Research estimates and company reports

Note: ODFL's January Tons are preliminary

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#### Exhibit 76: Less-than-Truckload Shipments/Day Y-Y%

Shipments/Day is up 1.4% on avg y-y in Dec. (among peers that disclose)

|        | ODFL   | YELL   | ARCB  | SAIA  | XPO   | FDX    |
|--------|--------|--------|-------|-------|-------|--------|
| Jan-23 | -5.9%  | -18.1% | 7.1%  | -4.0% | 5.0%  | -10.0% |
| Feb-23 | -10.1% | -2.5%  | 9.5%  | -7.6% | 1.1%  | -14.0% |
| Mar-23 | -12.9% | -19.3% | 7.3%  | -9.4% | -0.5% | -19.0% |
| Apr-23 | -11.8% | -15.4% | 4.7%  | -5.7% | 3.1%  | -17.0% |
| May-23 | -11.4% | -13.8% | 2.0%  | -4.2% | 1.8%  | -17.0% |
| Jun-23 | -11.2% | -16.4% | 5.4%  | -1.8% | 0.9%  | -16.0% |
| Jul-23 | -8.5%  |        | 1.4%  | 6.0%  | 8.8%  | -14.0% |
| Aug-23 | -1.2%  |        | 2.1%  | 14.2% | 8.3%  | -8.0%  |
| Sep-23 | 1.0%   |        | 0.9%  | 16.3% | 6.6%  | -6.0%  |
| Oct-23 | -8.5%  |        | 3.7%  | 18.0% | 6.2%  | -5.0%  |
| Nov-23 | -1.2%  |        | -5.0% | 18.9% | 3.7%  | -4.0%  |
| Dec-23 | 1.0%   |        | -1.9% | 16.5% | 6.6%  |        |
| Jan-24 |        |        | -9.0% | 11.8% | 1.4%  |        |

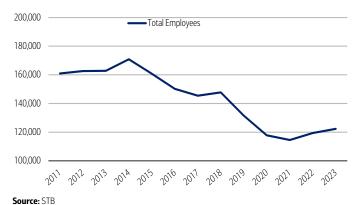
No data provided (BofA quarterly average)

**Source:** BofA Global Research estimates and company reports

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#### Exhibit 77: STB employment data

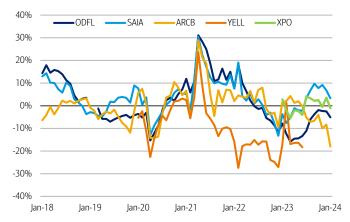
December STB employment: 122,343, up 2.5% Y-Y



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## Exhibit 75: Less-than-Truckload Tons/Day Y-Y%

LTL Tons/Day is down 5.2% on avg y-y in Dec. (among peers that disclose))



**Source:** BofA Global Research estimates and company reports

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#### Exhibit 78: STB quarter to date data vs BofAe labor estimates Data as of December 2023

|       | 2023 4Q Avg# | 4Q Avg. chg. % | BofAe | Diff  | 4Q Vols |
|-------|--------------|----------------|-------|-------|---------|
| UNP   | 33,020       | 0.2%           | 1.5%  | -1.3% | 3.4%    |
| CSX   | 19,216       | 6.0%           | 3.3%  | 2.7%  | 1.2%    |
| NSC   | 20,759       | 7.1%           |       |       | 7.0%    |
| CN    | 6,561        | 3.2%           | 4.6%  | -1.4% | -1.4%   |
| CP    | 2,912        | 1.1%           | 1.0%  | 0.1%  | 1.7%    |
| KSU   | 2,927        | -0.6%          | -     | -     | -       |
| BNSF  | 36,968       | 2.2%           | -     | -     | -       |
| Total | 122.364      | 3.006          |       |       |         |

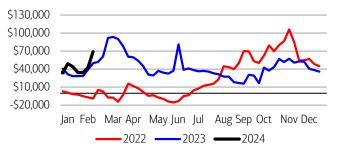
Note: Monthly average quarter-to-date; 4Q Volumes are estimates

Source: STB, BofA Global Research estimates

# **Weekly Shipping Rates**

#### **Exhibit 79: VLCC Spot Rates**

VLCC Spot Rates at \$69,077 as of 02/16/2024

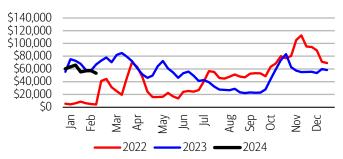


Source: BofA Global Research and Clarksons

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#### **Exhibit 81: Suezmax Spot Rates**

Suezmax Spot Rates at \$53,222 as of 02/16/2024

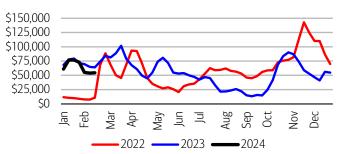


Source: BofA Global Research and Clarksons

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#### Exhibit 83: Aframax Spot Rates

Aframax Spot Rates\$54,475 as of 02/16/2024

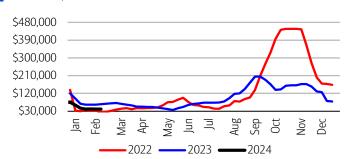


**Source:** BofA Global Research and Clarksons

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#### **Exhibit 85: LNG TFDE Spot Rates**

LNG TFDE Spot Rates at \$40,000 as of 02/16/2024

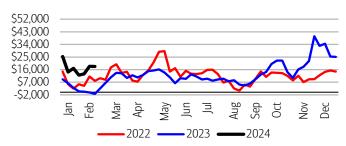


**Source:** BofA Global Research and Clarksons

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#### **Exhibit 80: Capesize spot Rates**

Capesize Spot rates at \$18,220 as of 02/16/2024



Source: BofA Global Research and Clarksons

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#### **Exhibit 82: Panamax Spot Rates**

Panamax Spot Rates at \$12,664 as of 02/16/2024



Source: BofA Global Research and Clarksons

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#### **Exhibit 84: Supramax Spot Rates**

Supramax Spot Rates at \$16,966 as of 02/16/2024



Source: BofA Global Research and Clarksons

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# Exhibit 86: Yearly and Quarterly Gas Carrier Rate Data

LNG Carrier Rate is down 1QTD and YTD

|             | 1QTD     | 2024 YTD | Orderbook  |
|-------------|----------|----------|------------|
| Gas Carrier | Average  | Avg.     | % of Fleet |
| LNG TFDE    | \$48,714 | \$48,714 | 76%        |
| % chg. Y-Y  | -32%     | -50%     |            |

Source: Clarkson



#### **Exhibit 87: Yearly and Quarterly Tanker Rate Data**

Tanker Rates are down 1QTD, but mixed YTD

|            | 1QTD     | 2024 YTD | Orderbook  |
|------------|----------|----------|------------|
| Tanker     | Average  | Avg.     | % of Fleet |
| VLCC       | \$43,918 | \$43,918 | 2%         |
| % chg. Y-Y | -20%     | 2%       |            |
| Suezmax    | \$58,921 | \$58,921 | 5%         |
| % chg. Y-Y | -17%     | 10%      |            |
| Aframax    | \$64,377 | \$64,377 | 11%        |
| % chg. Y-Y | -17%     | 16%      |            |

Source: Clarkson

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#### **Exhibit 89: Baltic Dry Index**

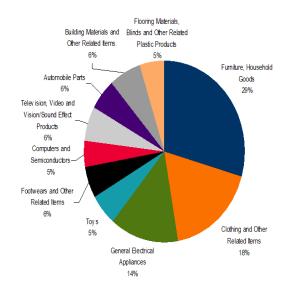
Baltic Dry Index is at 1,610 as of 02/16/2024



### BofA GLOBAL RESEARCH

# Exhibit 91: Container Breakdown by Commodity

Furniture, Household & Goods represents almost 30%



**Source:** OOCL, BofA Global Research estimates

## **Exhibit 88: Yearly and Quarterly Dry Bulk Rate Data**

Dry Bulk Rates are up 1QTD, while mixed YTD

|            | 1QTD     | 2024 YTD | Orderbook  |
|------------|----------|----------|------------|
| Dry Bulk   | Average  | Avg.     | % of Fleet |
| Capesize   | \$16,892 | \$16,892 | 5%         |
| % chg. Y-Y | 194%     | 36%      |            |
| Panamax    | \$12,108 | \$12,108 | 9%         |
| % chg. Y-Y | 21%      | 1%       |            |
| Supramax   | \$15,089 | \$15,089 | 8%         |
| % chg. Y-Y | 36%      | 21%      |            |

Source: Clarkson

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#### **Exhibit 90: Shipping Rates**

Shipping Rates are mixed year-over-year

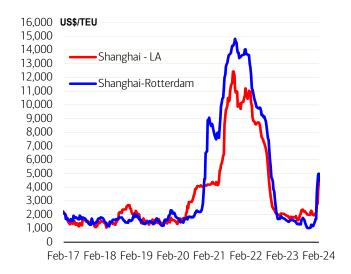
|                  | Current Wk<br>02/16/24 | Prior Wk<br>02/09/24 | <b>YOY Wk</b> 02/17/23 | Seq %<br>Change | YOY %<br>Change |
|------------------|------------------------|----------------------|------------------------|-----------------|-----------------|
| Vessel Type      |                        |                      |                        |                 |                 |
| VLCC             | \$69,077               | \$42,546             | \$49,746               | 62.4%           | 38.9%           |
| Suezmax          | \$53,222               | \$57,292             | \$67,019               | -7.1%           | -20.6%          |
| Aframax          | \$54,475               | \$53,782             | \$63,893               | 1.3%            | -14.7%          |
| LNG TFDE         | \$40,000               | \$40,000             | \$65,000               | 0.0%            | -38.5%          |
| Baltic Dry Index | 1,610                  | 1,545                | 538                    | 4.2%            | 199.3%          |
|                  | 1.61                   |                      |                        |                 |                 |

Source: Bloomberg and Clarkson

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# Exhibit 92: Container Rates – Shanghai Containerized Freight Index (SCFI)

Shanghai – LA and Shanghai – Rotterdam are up significantly year-over-year



**Source:** Chinese Shipping, and BofA Global Research

### **Exhibit 93: Railroads Comp Sheet**

Data as of 02/21/2024

|                 |         |       |          |        |           |           |             |         | EP:     | 5       |         |       |          |       |         |          |         |       |          |       |
|-----------------|---------|-------|----------|--------|-----------|-----------|-------------|---------|---------|---------|---------|-------|----------|-------|---------|----------|---------|-------|----------|-------|
|                 |         |       | Share    | Shares | Mkt Cap   | Net Debt  | t <b>EV</b> | BofA    | BofA    | BofA    | Cons.   | Fo    | orward F | P/E   | EB      | ITDA (\$ | bil)    | Forwa | rd EV/EI | BITDA |
|                 |         | QRQ   |          | Out.   |           |           |             |         |         |         |         |       |          |       |         |          |         |       |          |       |
| Company         | Ticker  |       | Price    | (mil.) | (\$ bil.) | (\$ bil.) | (\$ bil.)   | 2022a   | 2023e   | 2024e   | 2024e   | 2022a | 2023e    | 2024e | 2022a   | 2023e    | 2024e   | 2022a | 2023e    | 2024e |
| Canadian Natio  | nal CNI | B-2-7 | \$129.07 | 641    | \$82.7    | \$13.4    | \$96.1      | \$5.75  | \$5.43  | \$5.94  | \$5.94  | 22.4x | 23.8x    | 21.7x | \$6.61  | \$6.27   | \$6.76  | 14.5x | 15.3x    | 14.2x |
| Canadian Pacifi | c CP    | B-1-7 | \$85.47  | 932    | \$79.7    | \$16.9    | \$96.6      | \$2.89  | \$2.86  | \$3.20  | \$3.23  | 29.6x | 29.9x    | 26.7x | \$4.92  | \$5.03   | \$5.50  | 19.6x | 19.2x    | 17.6x |
| CSX Corporation | n CSX   | B-1-7 | \$37.10  | 1,959  | \$72.7    | \$17.1    | \$89.8      | \$1.91  | \$1.84  | \$2.00  | \$1.98  | 19.4x | 20.2x    | 18.6x | \$7.42  | \$7.13   | \$7.43  | 12.1x | 12.6x    | 12.1x |
| Norfolk Southe  | rn NSC  | RSTR  | \$257.62 | 226    | \$58.2    | \$15.6    | \$73.8      |         |         |         |         |       |          |       |         |          |         |       |          |       |
| Union Pacific   | UNP     | B-1-7 | \$251.32 | 610    | \$153.2   | \$31.5    | \$184.8     | \$11.23 | \$10.29 | \$11.15 | \$11.18 | 22.4x | 24.4x    | 22.5x | \$12.26 | \$11.47  | \$12.23 | 15.1x | 16.1x    | 15.1x |
|                 |         |       |          |        |           |           |             |         |         |         |         | 23.4x | 24.6x    | 22 4x | _       |          |         | 14 7x | 15 5x    | 14 7x |

|                   | 2024   | Q1EPS  |        |     |          |     |        | Reve | nue | 2023Q4 | Net           | ROIC  |          |          |          |          |         |        |       |
|-------------------|--------|--------|--------|-----|----------|-----|--------|------|-----|--------|---------------|-------|----------|----------|----------|----------|---------|--------|-------|
|                   | 6      | est.   | Δto    | - 1 | EPS Grov | vth | YoY    | Grov | vth | Op.    | Debt/         | KUIC  | Total Re | eturn (v | v/reinve | sted div | idends) | Divid  | lend  |
| Company           | BofA   | Cons.  | Street | 1yr | 3yr      | 5yr | 1Q2024 | 1yr  | 5yr | Ratio  | <b>EBITDA</b> | 1yr   | 1 week   | YTD      | 1yr      | 3yr      | 5yr     | Annual | Yield |
| Canadian National | \$1.20 | \$1.27 | -6%    | -3% | 20%      | 19% | -2%    | -2%  | 4%  | 59%    | 2.2x          | 10.4% | 0%       | 3%       | 13%      | 8%       | 10%     | \$3.38 | 1.9%  |
| Canadian Pacific  | \$0.69 | \$0.70 | -1%    | -5% | 6%       | 15% | -5%    | 4%   | 17% | 58%    | 3.5x          | 5.6%  | 1%       | 8%       | 12%      | 6%       | 17%     | \$0.76 | 0.7%  |
| CSX Corporation   | \$0.46 | \$0.45 | 2%     | -1% | 110%     | 44% | -1%    | -1%  | 4%  | 64%    | 2.5x          | 10.8% | 0%       | 7%       | 23%      | 8%       | 10%     | \$0.48 | 1.3%  |
| Norfolk Southern  |        |        |        |     |          |     |        |      |     |        |               |       |          |          |          |          |         |        |       |
| Union Pacific     | \$2.45 | \$2.51 | -3%    | -7% | 11%      | 6%  | -3%    | -3%  | 2%  | 61%    | 2.9x          | 11.4% | 0%       | 2%       | 33%      | 9%       | 10%     | \$5.20 | 2.1%  |
|                   |        |        |        |     |          |     |        |      |     | 62%    | 3.0x          | 9 3%  | 1%       | 6%       | 20%      | 6%       | 11%     |        |       |

Source: BofA Global Research estimates, Company reports, Bloomberg (for stocks not covered by BofA Global Research)

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### **Exhibit 94: Intermodal/Container Lessors Comp Sheet**

Data as of 02/21/2024

|                |        |       |          |                |           |           |           |        | EP     | 5      |        |       |          |       |        |           |        |       |          |       |
|----------------|--------|-------|----------|----------------|-----------|-----------|-----------|--------|--------|--------|--------|-------|----------|-------|--------|-----------|--------|-------|----------|-------|
|                |        | QRQ   | Share    | Shares<br>Out. | Mkt Cap   | Net Debt  | E EV      | BofA   | BofA   | BofA   | Cons   | Fo    | orward F | P/E   | E      | SITDA (\$ | bil)   | Forwa | ard EV/E | BITDA |
| Company        | Ticker |       | Price    | (mil.)         | (\$ bil.) | (\$ bil.) | (\$ bil.) | 2022a  | 2023e  | 2024e  | 2024e  | 2022a | 2023e    | 2024e | 2022a  | 2023e     | 2024e  | 2022a | 2023e    | 2024e |
| J.B. Hunt      |        |       |          |                |           |           |           |        |        |        |        |       |          |       |        |           |        |       |          |       |
| Transp.        | JBHT   | B-1-7 | \$203.18 | 103            | \$21.0    | \$1.5     | \$22.5    | \$9.79 | \$7.20 | \$8.15 | \$7.80 | 20.8x | 28.2x    | 24.9x | \$2.06 | \$1.78    | \$1.99 | 10.9x | 12.6x    | 11.3x |
| Textainer Grou | ıp TGH | n/a   | \$49.82  | 41             | \$2.1     | \$4.7     | \$6.8     | n/a    | n/a    | n/a    | n/a    | n/a   | n/a      | n/a   | n/a    | n/a       | n/a    | n/a   | n/a      | n/a   |
| Hub Group Inc  | HUBG   | n/a   | \$43.67  | 62             | \$2.7     | \$0.4     | \$3.1     | n/a    | \$2.68 | n/a    | \$2.22 | 8.3x  | 16.3x    | 19.7x | \$0.62 | \$0.40    | \$0.40 | 5.0x  | 7.8x     | 7.8x  |
|                |        |       |          |                |           |           |           |        |        |        |        | 12.4x | 18.5x    | 18.2x |        |           |        | 8.3x  | 10.3x    | 9.8x  |

|                 | 2024   | QTEPS  |        |      |          |     |        | Reve | nue | 2023Q4 | Net    | DOLC      |         |          |          |          |         |        |       |
|-----------------|--------|--------|--------|------|----------|-----|--------|------|-----|--------|--------|-----------|---------|----------|----------|----------|---------|--------|-------|
|                 | е      | st.    | Δ to   |      | EPS Grov | wth | YoY    | Grov | wth | Op.    | Debt/  | ROIC      | Total R | eturn (v | v/reinve | sted div | idends) | Divid  | lend  |
| Company         | BofA   | Cons.  | Street | 1yr  | 3yr      | 5yr | 1Q2024 | 1yr  | 5yr | Ratio  | EBITDA | 1yr       | 1 week  | YTD      | 1yr      | 3yr      | 5yr     | Annual | Yield |
| J.B. Hunt       | ·      |        |        |      |          |     |        |      |     |        |        | <u></u> - | · ·     |          |          |          |         |        |       |
| Transp.         | \$1.59 | \$1.61 | -1%    | -23% | 18%      | 19% | -13%   | -13% | 8%  | 92%    | 0.9x   | 12.9%     | -7%     | 2%       | 11%      | 12%      | 14%     | \$1.72 | 0.8%  |
| Textainer Group | n/a    | n/a    |        | n/a  | n/a      | n/a | n/a    | n/a  | n/a | n/a    | n/a    | n/a       | n/a     | n/a      | n/a      | n/a      | n/a     | n/a    | n/a   |
| Hub Group Inc   | n/a    | \$0.41 |        | -49% | 63%      | 30% | -21%   | -21% | 1%  | 97%    | 1.0x   | 7.4%      | -2%     | -5%      | -7%      | 15%      | 14%     |        |       |
|                 |        |        |        |      |          |     |        |      |     | 83%    | 3.0x   | 8.4%      | -3%     | -1%      | 22%      | 19%      | 20%     |        |       |

**Source:** BofA Global Research estimates, Company reports, Bloomberg (for stocks not covered by BofA Global Research)

BofA GLOBAL RESEARCH

## Exhibit 95: Less-than-Truckload (LTL) Comp Sheet

Data as of 02/21/2024

|              |        |       |          |                |           |           |           |         | EP      | S              |         |         |       |        |           |        |       |           |       |
|--------------|--------|-------|----------|----------------|-----------|-----------|-----------|---------|---------|----------------|---------|---------|-------|--------|-----------|--------|-------|-----------|-------|
|              |        | QRQ   | Share    | Shares<br>Out. | Mkt Cap   | Net Deb   | t EV      | BofA    | BofA    | BofA Cons      |         | Forward | P/E   | EB     | SITDA (\$ | bil)   | Forw  | vard EV/E | BITDA |
| Company      | Ticker |       | Price    | (mil.)         | (\$ bil.) | (\$ bil.) | (\$ bil.) | 2022a   | 2023e   | 2024e 2024     | e 2022a | 2023e   | 2024e | 2022a  | 2023e     | 2024e  | 2022a | 2023e     | 2024e |
| Arcbest Corp | ARCB   | C-3-7 | \$138.86 | 24             | \$3.3     | \$0.0     | \$3.3     | \$13.63 | \$7.88  | \$10.85 \$10.2 | 1 10.2x | 17.6x   | 12.8x | \$0.58 | \$0.37    | \$0.47 | 5.6x  | 8.8x      | 6.9x  |
| Old Dominion | ODFL   | B-1-7 | \$424.42 | 109            | \$46.3    | (\$0.4)   | \$46.0    | \$12.18 | \$11.26 | \$12.65 \$12.9 | 4 34.8x | 37.7x   | 33.6x | \$2.10 | \$1.97    | \$2.17 | 21.9x | 23.4x     | 21.2x |
| Saia Inc     | SAIA   | B-1-9 | \$547.33 | 27             | \$14.5    | (\$0.2)   | \$14.4    | \$13.40 | \$13.27 | \$16.20 \$16.2 | 0 40.8x | 41.2x   | 33.8x | \$0.63 | \$0.64    | \$0.78 | 22.9x | 22.5x     | 18.3x |
| TFI Int'l    | TFII   | B-2-7 | \$144.53 | 84             | \$12.2    | \$1.9     | \$14.1    | \$1.74  | \$1.71  | \$2.20 \$7.4   | 83.0x   | 84.5x   | 65.7x | \$1.14 | \$0.91    | \$1.09 | 12.4x | 15.4x     | 12.9x |
| XPO, Inc.    | XPO    | C-1-9 | \$119.23 | 116            | \$13.8    | \$3.7     | \$17.5    | \$3.53  | \$2.93  | \$3.65 \$3.4   | 7 33.8x | 40.7x   | 32.7x | \$0.66 | \$0.66    | \$0.87 | 26.5x | 26.5x     | 20.2x |
|              |        |       |          |                |           |           |           |         |         |                | 40.5x   | 44.4x   | 35.7x | _      |           |        | 17.9x | 19.3x     | 15.9x |

|              | 2024Q1EPS     |        |      |         |      |        | Rev  | enue | 2023Q4 | ļ         | DOLC    |         |          |           |          |        |        |       |
|--------------|---------------|--------|------|---------|------|--------|------|------|--------|-----------|---------|---------|----------|-----------|----------|--------|--------|-------|
|              | est.          | Δto    | E    | PS Grov | vth  | YoY    | Gro  | wth  | Op.    | Net Debt/ | ROIC    | Total R | eturn (v | v/reinves | ted divi | dends) | Divid  | dend  |
| Company      | BofA Cons.    | Street | 1yr  | 3yr     | 5yr  | 1Q2024 | 1yr  | 5yr  | Ratio  | EBITDA    | 1yr     | 1 week  | YTD      | 1yr       | 3yr      | 5yr    | Annual | Yield |
| Arcbest Corp | \$1.91 \$1.58 | 21%    | -42% | 70%     | n/a  | -17%   | -15% | 9%   | 93%    | 0.3x      | 10.5%   | -2%     | 16%      | 42%       | 36%      | 31%    | \$0.48 | 0.3%  |
| Old Dominion | \$2.74 \$2.72 | 1%     | -8%  | 29%     | 20%  | -6%    | -6%  | 8%   | 72%    | -0.2x     | 28.7%   | -2%     | 5%       | 24%       | 26%      | 34%    | \$2.08 | 0.5%  |
| Saia Inc     | \$3.39 \$3.40 | 0%     | -1%  | 40%     | 35%  | 3%     | 3%   | 13%  | 85%    | -0.2x     | 18.3%   | -3%     | 25%      | 101%      | 37%      | 51%    |        |       |
| TFI Int'l    | \$1.57 \$1.47 | 7%     | -17% | 47%     | 130% | -15%   | -15% | 20%  | 90%    | 1.7x      | 12.8%   | 0%      | 6%       | 18%       | 27%      |        | \$1.60 | 1.1%  |
| XPO, Inc.    | \$0.71 \$0.67 | 7%     | -7%  | 89%     | n/a  | 0%     | 0%   | -10% | 92%    | 4.3x      | 9.6%    | -1%     | 36%      | 240%      | 42%      | 45%    |        |       |
|              |               |        |      |         |      |        |      |      | 060/-  | 1 2v      | 16 00/- | 10%     | 1 0 0 /- | OEN/.     | 2.40/-   | 400/-  |        |       |

**Source:** BofA Global Research estimates, Company reports, Bloomberg (for stocks not covered by BofA Research)



### **Exhibit 96: Airfreight Comp Sheet**

Data as of 02/21/2024

|                 |        |       | Share    | Share<br>Out. | Mkt Cap   | Net Deb   | t EV      | BofA    | BofA    | BofA    | Cons.   | F     | orward P | /E    | EB      | ITDA (\$ b | il)     | Forwar | rd EV/EB | ITDA  |
|-----------------|--------|-------|----------|---------------|-----------|-----------|-----------|---------|---------|---------|---------|-------|----------|-------|---------|------------|---------|--------|----------|-------|
| Company         | Ticker | QRQ   | Price    | (mil.)        | (\$ bil.) | (\$ bil.) | (\$ bil.) | 2022a   | 2023e   | 2024e   | 2024e   | 2022a | 2023e    | 2024e | 2022a   | 2023e      | 2024e   | 2022a  | 2023e    | 2024e |
| Fedex Corp      | FDX    | B-1-7 | \$241.41 | 250           | \$60.3    | \$13.8    | \$74.1    | \$14.96 | \$17.70 | \$20.85 | \$17.62 | 16.1x | 13.6x    | 11.6x | \$9.55  | \$11.60    | \$11.60 | 7.8x   | 7.1x     | 6.4x  |
| United Parcel-B | UPS    | B-2-7 | \$148.27 | 727           | \$126.4   | \$19.1    | \$145.5   | \$12.95 | \$8.78  | \$8.40  | \$8.28  | 11.4x | 16.9x    | 17.7x | \$16.97 | \$12.88    | \$12.88 | 8.6x   | 11.2x    | 11.3x |
|                 |        |       |          |               |           |           |           |         |         |         |         | 13.8v | 15.3v    | 14.6v |         |            |         | 8 7v   | 0.1v     | 8 8v  |

|            | 2024Q1EF3     |        |      |         |     |        | Reve | illue | 2023Q4 | + net         | ROIC  |         |          |           |            |       |              |
|------------|---------------|--------|------|---------|-----|--------|------|-------|--------|---------------|-------|---------|----------|-----------|------------|-------|--------------|
|            | est.          | Δ to   | El   | PS Grov | vth | YoY    | Grov | wth   | Op.    | Debt/         | KOIC  | Total I | Return ( | w/reinves | ted divide | ends) | Dividend     |
| Company    | BofA Cons.    | Street | 1yr  | 3yr     | 5yr | 1Q2024 | 1yr  | 5yr   | Ratio  | <b>EBITDA</b> | 1yr   | 1 week  | YTD      | 1yr       | 3yr        | 5yr   | Annual Yield |
| Fedex Corp | \$3.13 \$3.57 | -12%   | -7%  | 94%     | 11% | -4%    | -7%  | 5%    | 94%    | 3.3x          | 5.6%  | 2%      | -5%      | 20%       | 0%         | 8%    | \$5.04 2.1%  |
| UPS        | \$1.61 \$1.58 | 2%     | -33% | 267%    | n/a | -9%    | -9%  | 5%    | 89%    | 1.5x          | 14.4% | 4%      | -5%      | -13%      | 1%         | 9%    | \$6.52 4.4%  |
|            |               |        |      |         |     |        |      |       | 91%    | 2.4x          | 10.0% | 3%      | -5%      | 3%        | 0%         | 9%    |              |

**Source:** BofA Global Research estimates, Company reports, Bloomberg.

202401EBC

Note: FedEx fiscal calendar ends May 31. Fiscal year 2024 goes from June 1, 2023 - to - May 31, 2024. Quarter estimates correspond to 3Q24, and year metrics correspond to fiscal years 2023, 2024, and 2025.

BofA GLOBAL RESEARCH

### **Exhibit 97: Truckload Carriers Comp Sheet**

Data as of 02/21/2024

|                       |        |       |         |                |           |           |           |    |       | EP9    | 5      |        |       |          |        |        |         |        |       |         |       |
|-----------------------|--------|-------|---------|----------------|-----------|-----------|-----------|----|-------|--------|--------|--------|-------|----------|--------|--------|---------|--------|-------|---------|-------|
|                       |        | QRQ   | Share   | Shares<br>Out. | Mkt Cap   | Net Debt  | EV        | Е  | BofA  | BofA   | BofA   | Cons.  | F     | orward P | /E     | EBI    | TDA (\$ | bil)   | Forwa | rd EV/E | BITDA |
| Company               | Ticker |       | Price   | (mil.)         | (\$ bil.) | (\$ bil.) | (\$ bil.) | 20 | 022a  | 2023e  | 2024e  | 2024e  | 2022a | 2023e    | 2024e  | 2022a  | 2023€   | 2024e  | 2022a | 2023e   | 2024e |
| Knight Transportation | n KNX  | B-1-7 | \$57.67 | 161            | \$9.3     | \$2.8     | \$12.1    | \$ | 55.10 | \$1.72 | \$2.50 | \$2.49 | 11.3x | 33.5x    | 23.1x  | \$1.77 | \$1.10  | \$1.39 | 6.9x  | 11.0x   | 8.7x  |
| Schneider National    | SNDR   | B-2-7 | \$23.72 | 93             | \$4.2     | \$0.3     | \$4.4     | \$ | 2.63  | \$1.36 | \$1.10 | \$1.14 | 9.0x  | 17.4x    | 21.6x  | \$0.97 | \$0.68  | \$0.67 | 4.6x  | 6.5x    | 6.6x  |
| Werner Enterprises    | WERN   | B-3-7 | \$40.46 | 63             | \$2.6     | \$0.6     | \$3.2     | \$ | 3.71  | \$1.93 | \$2.10 | \$1.98 | 10.9x | 21.0x    | 19.3x  | \$0.61 | \$0.48  | \$0.50 | 5.2x  | 6.6x    | 6.3x  |
| Covenant Transport    | CVLG   | n/a   | \$51.85 | 11             | \$0.7     | \$0.2     | \$0.9     |    | n/a   | n/a    | n/a    | \$4.27 | 8.8x  | 12.5x    | 12.2x  | \$0.15 | \$0.12  | \$0.12 | 6.0x  | 7.5x    | 7.5x  |
| Heartland Express     | HTLD   | n/a   | \$12.46 | 79             | \$1.0     | \$0.3     | \$1.3     |    | n/a   | n/a    | n/a    | \$0.05 | 8.8x  | 319.5x   | 244.3x | \$0.25 | \$0.23  | \$0.23 | 5.0x  | 5.6x    | 5.6x  |
| Marten Transport      | MRTN   | n/a   | \$19.25 | 81             | \$1.6     | (\$0.1)   | \$1.5     |    | n/a   | n/a    | n/a    | \$0.86 | 14.5x | 21.5x    | 22.4x  | \$0.25 | \$0.21  | \$0.21 | 6.0x  | 7.2x    | 7.2x  |
| Pam Transport         | PTSI   | n/a   | \$18.56 | 22             | \$0.4     | \$0.1     | \$0.5     |    | n/a   | n/a    | n/a    | \$1.10 | 4.3x  | 12.7x    | 16.9x  | \$0.20 | \$0.11  | \$0.11 | 2.7x  | 4.7x    | 4.7x  |
| Universal Logistics   | ULH    | n/a   | \$32.41 | 26             | \$0.9     | \$0.4     | \$1.2     |    | n/a   | n/a    | n/a    | n/a    | 5.0x  |          |        | \$0.32 |         |        | 3.8x  |         |       |
|                       |        |       |         |                |           |           |           |    |       |        |        |        | 9.1x  | 62.6x    | 51.4x  | _      |         |        | 5.0x  | 7.0x    | 6.7x  |

| 2024Q1EPS<br>est. Δ to EPS Grov |        |          |        |      |         |      | Rev    | enue | 2023Q4 | ļ     | ROIC      | Tota  | l Returi | ı (w/rei | nveste  | d    | 3.0% 7.0% | 0.77   |       |
|---------------------------------|--------|----------|--------|------|---------|------|--------|------|--------|-------|-----------|-------|----------|----------|---------|------|-----------|--------|-------|
|                                 | •      | est.     | Δto    | Е    | PS Grov | vth  | YoY    | Gro  | wth    | Op.   | Net Debt/ | KUIC  |          | divi     | idends) |      |           | Divid  | lend  |
| Company                         | BofA   | Cons.    | Street | 1yr  | 3yr     | 5yr  | 1Q2024 | 1yr  | 5yr    | Ratio | EBITDA    | 1yr   | 1 week   | YTD      | 1yr     | 3yr  | 5yr       | Annual | Yield |
| Knight Transportation           | \$0.39 | \$0.38   | 2%     | -66% | 7%      |      | -4%    | -4%  | 8%     | 98%   | 2.2x      | 3.4%  | -2%      | 0%       | 0%      | 10%  | 12%       | \$0.64 | 1.1%  |
| Schneider National              | \$0.19 | \$0.16   | 19%    | -50% | 19%     | -3%  | -17%   | -17% | 2%     | 98%   | 0.3x      | 6.8%  | -2%      | -7%      | -14%    | 2%   | 3%        | \$0.38 | 1.6%  |
| Werner Enterprises              | \$0.26 | \$0.31   | -16%   | -52% | 0%      | -6%  | 0%     | 0%   | 5%     | 95%   | 1.2x      | 5.3%  | -2%      | -5%      | -12%    | -1%  | 7%        | \$0.56 | 1.4%  |
| Covenant Transport              | n/a    | \$0.78   |        | -44% |         |      | -9%    | -9%  | 1%     | 95%   | 0.0x      | 15.6% | -3%      | 13%      | 54%     | 43%  | 17%       | \$0.44 | 0.8%  |
| Heartland Express               | n/a    | (\$0.09) | )      | -84% | -2%     | -16% | 25%    | 25%  | 24%    | 96%   | 1.2x      | 2.2%  | -3%      | -13%     | -25%    | -11% | -9%       | \$0.08 | 0.6%  |
| Marten Transport                | n/a    | \$0.16   |        | -40% | 6%      | 0%   | -10%   | -10% | 7%     | 94%   | -0.3x     | 8.4%  | -1%      | -8%      | -12%    | 8%   | 11%       | \$0.24 | 1.2%  |
| Pam Transport                   | n/a    | \$0.10   |        | -74% | 92%     | 37%  | -14%   | -14% | 8%     | 100%  | 1.2x      | 3.1%  | 0%       | -11%     | -34%    | 8%   | 8%        |        |       |
| Universal Logistics             | n/a    | n/a      |        | -45% | 47%     | 33%  | -18%   | -18% | 1%     | 91%   | 1.3x      | 11.2% | 1%       | 16%      | 7%      | 12%  | 9%        | \$0.42 | 1.3%  |
| o o                             |        |          |        |      |         |      |        |      |        | 96%   | ΛQv       | 7.0%  | -106     | -706     | _/10/6  | 00%  | 706       |        |       |

 $\textbf{Source:} \ \textbf{BofA Global Research estimates, Company reports, Bloomberg (for stocks not covered by BofA Global Research)}.$ 

BofA GLOBAL RESEARCH

### **Exhibit 98: Freight Forwarding Comp Sheet**

202401EBS

Data as of 02/21/2024

|                  |        | EPS . |          |                |           |           |           |        |        |         |        |       |        |        |        |         |        |       |           |       |
|------------------|--------|-------|----------|----------------|-----------|-----------|-----------|--------|--------|---------|--------|-------|--------|--------|--------|---------|--------|-------|-----------|-------|
|                  |        | QRQ   | Share    | Shares<br>Out. | Mkt Cap   | Net Deb   | EV EV     | BofA   | BofA   | BofA    | Cons.  | F     | orward | P/E    | EBI    | TDA (\$ | bil)   | Forw  | ard EV/EB | BITDA |
| Company          | Ticker |       | Price    | (mil.)         | (\$ bil.) | (\$ bil.) | (\$ bil.) | 2022a  | 2023e  | 2024e   | 2024e  | 2022a | 2023e  | 2024e  | 2022a  | 2023e   | 2024e  | 2022a | 2023e     | 2024e |
| CH Robinson      | CHRW   | B-3-7 | \$72.50  | 117            | \$8.5     | \$1.4     | \$9.9     | \$6.29 | \$7.50 | \$3.22  | \$3.24 | 9.7x  | 22.5x  | 25.9x  | \$1.38 | \$0.7   | \$0.59 | 7.2x  | 15.2x     | 16.7x |
| RXO Inc          | RXO    | C-2-9 | \$21.34  | 117            | \$2.5     | \$0.4     | \$2.9     | \$1.43 | \$1.59 | \$0.30  | \$0.23 | 13.4x | 71.1x  | 213.4x | \$0.31 | \$0.1   | \$0.11 | 9.3x  | 21.1x     | 25.5x |
| World Kinect     | WKC    | B-3-7 | \$23.79  | 60             | \$1.4     | \$0.4     | \$1.8     | \$1.36 | \$2.04 | \$1.85  | \$2.19 | 11.7x | 12.9x  | 11.3x  | \$0.38 | \$0.4   | \$0.40 | 4.7x  | 4.8x      | 4.5x  |
| Landstar System  | LSTR   | n/a   | \$190.98 | 36             | \$6.9     | (\$0.4)   | \$6.5     | n/a    | n/a    | \$11.76 | \$6.64 | 16.2x | 25.9x  | 28.8x  | \$0.63 | \$0.4   | \$0.40 | 10.3x | 16.0x     | 16.0x |
| Expeditors Intl  | EXPD   | n/a   | \$117.90 | 145            | \$17.1    | (\$1.0)   | \$16.2    | n/a    | n/a    | \$8.83  | \$4.76 | 13.3x | 22.9x  | 24.8x  | \$1.98 | \$1.0   | \$1.03 | 8.2x  | 15.7x     | 15.7x |
| Forward Air Corp | FWRD   | n/a   | \$39.67  | 26             | \$1.0     | \$0.3     | \$1.3     | n/a    | n/a    | \$14.24 | \$4.29 | 2.8x  |        |        | \$0.32 | \$0.2   | \$0.22 | 4.1x  | 6.1x      | 6.1x  |
|                  |        |       |          |                |           |           |           |        |        |         |        | 11.2x | 31.1x  | 60.8x  | -      |         |        | 7.3x  | 13.1x     | 14.1x |

|                  | 202 <del>4</del> Q1EP3 |        |      |         |      |        | Kev  | enue | ZUZ3Q | +         | DOLC  |          |         |          |          |         |        |       |
|------------------|------------------------|--------|------|---------|------|--------|------|------|-------|-----------|-------|----------|---------|----------|----------|---------|--------|-------|
|                  | est.                   | Δ to   | E    | PS Grov | vth  | YoY    | Gro  | wth  | Op.   | Net Debt/ | ROIC  | Total Re | turn (w | /reinves | sted div | idends) | Divid  | dend  |
| Company          | BofA Cons.             | Street | 1yr  | 3yr     | 5yr  | 1Q2024 | 1yr  | 5yr  | Ratio | EBITDA    | 1yr   | 1 week   | YTD     | 1yr      | 3yr      | 5yr     | Annual | Yield |
| CH Robinson      | \$0.55 \$0.65          | -16%   | -61% | 8%      | -11% | -29%   | -29% | 3%   | 98%   | 2.5x      | 12.8% | -2%      | -16%    | -25%     | -5%      | -2%     | \$2.44 | 3.4%  |
| RXO Inc          | (\$0.04) (\$0.03)      | 60%    |      |         |      | -18%   |      |      | 98%   |           | 5.4%  | -2%      | -8%     |          |          |         |        |       |
| World Kinect     | \$0.35 \$0.45          | -22%   | 12%  | -4%     | 24%  | 88%    | -10% | 18%  | 99%   | 1.4x      | 6.0%  | 1%       | 4%      | -18%     | -11%     | 0%      | \$0.56 | 2.4%  |
| Landstar System  | n/a \$1.30             |        | -38% | 27%     | 7%   | -29%   | -29% | 5%   | 94%   | -1.0x     | 23.2% | -2%      | 0%      | 8%       | 8%       | 14%     | \$1.32 | 0.7%  |
| Expeditors Intl  | n/a \$1.09             |        | -39% | 21%     | 16%  | -46%   | -46% | 10%  | 91%   | -1.0x     | 21.1% | -6%      | -7%     | 13%      | 9%       | 11%     | \$1.38 | 1.2%  |
| Forward Air Corp | n/a \$0.85             |        | -32% | 124%    | 13%  | 19%    | -12% | 6%   | 96%   | 0.9x      | 19.7% | -4%      | -37%    | -61%     | -22%     | -9%     | \$0.96 | 2.4%  |
|                  |                        |        |      |         |      |        |      |      | 96%   | 0.6x      | 14.7% | -3%      | -11%    | -17%     | -4%      | 2%      |        |       |

Payanua 202204

**Source:** BofA Global Research estimates, Company reports, Bloomberg (for stocks not covered by BofA Research)



#### **Exhibit 99: CSX forward P/E**

CSX Forward P/E is 18.6x

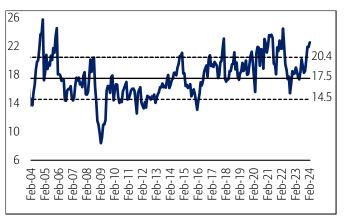


**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset.

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#### Exhibit 101: UNP forward P/E

UNP Forward P/E is 22.5x

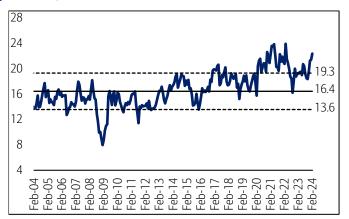


**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset.

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# Exhibit 103: Rails Average forward P/E

Rails Average Forward P/E is 22.4x

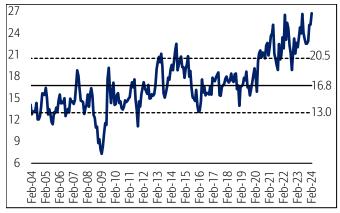


**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset.

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#### Exhibit 100: CP forward P/E

CP Forward P/E is 26.7x

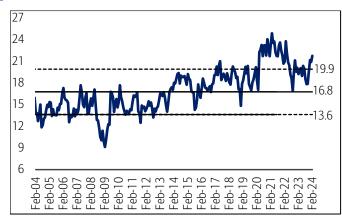


**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset.

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#### Exhibit 102: CNI forward P/E

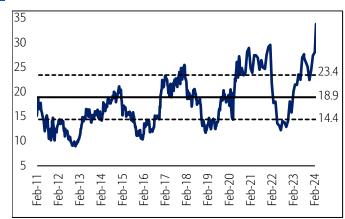
CNI Forward P/E is 21.7x



**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset.

## Exhibit 104: SAIA forward P/E

SAIA Forward P/E is 33.8x



**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset.

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#### Exhibit 105: WERN forward P/E

WERN Forward P/E is 19.3x



**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset.

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#### Exhibit 107: CHRW forward P/E

CHRW Forward P/E is 25.9x

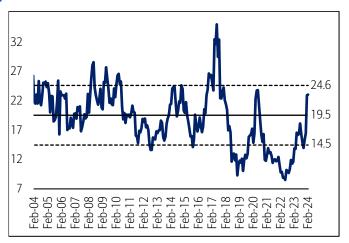


**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset.

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## Exhibit 109: KNX forward P/E

KNX Forward P/E is 23.1x

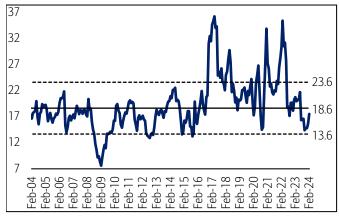


**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset.

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#### Exhibit 106: KEX forward P/E

KEX Forward P/E is 17.5x

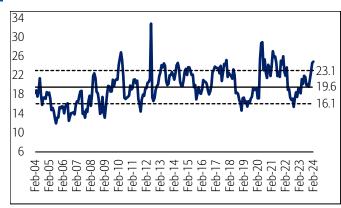


**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset.

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## Exhibit 108: JBHT forward P/E

JBHT Forward P/E is 24.9x

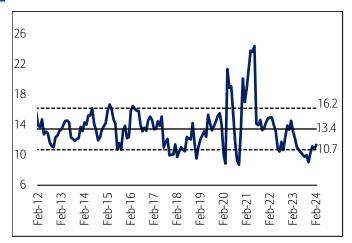


**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset.

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#### Exhibit 110: WKC forward P/E

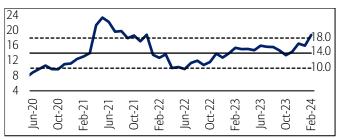
WKC Forward P/E is 11.3x



**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset
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#### Exhibit 111: TFII forward P/E

TFII Forward P/E is 18.8x



**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset.

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#### Exhibit 113: ODFL forward P/E

ODFL Forward P/E is 33.6x

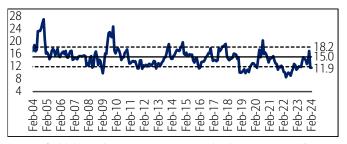


**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset.

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#### Exhibit 115: FDX forward P/E

FDX Forward P/E is 11.6x

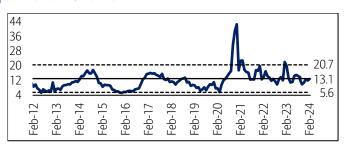


**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset.

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#### Exhibit 117: GBX forward P/E

GBX Forward P/E is 12.9x



**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset.

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#### Exhibit 112: SNDR forward P/E

SNDR Forward P/E is 21.6x

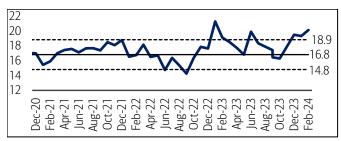


**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset.

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#### Exhibit 114: WAB forward P/E

WAB Forward P/E is 20.2x

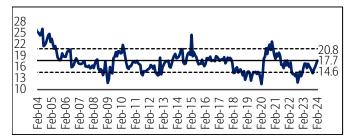


**Source:** BofA Global Research estimates, company reports, Bloomberg, Reuters, First Call, Factset.

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#### Exhibit 116: UPS forward P/E

UPS Forward P/E is 17.7x



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# Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster<sup>R1</sup>

 Buy
 ≥ 10%
 ≤ 70%

 Neutral
 ≥ 0%
 ≤ 30%

 Underperform
 N/A
 ≥ 20%

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