

Transportation - Trucking

Survey Says: Demand (49.4) moves higher; Inventory view falls, Rates view lower

Industry Overview

Truck Shipper Survey #286, week of June 29th, 2023

This week, our proprietary bi-weekly **BofA Truckload Demand Indicator** for shippers' 0- to 3-month freight demand outlook **increased to 49.4** from 47.9 last survey, up 3% sequentially. The increase implies an uptick in truck freight demand from shipper's view. The Demand Indicator remains sub-50 for the 18x in the past 20 issues and sub-60 for the 32nd consecutive survey. It remains below the 54.2 average level of the '12, '15, '19 Freight Recession periods and is down 11% y-y. Rail carloads fell 3% y-y this week, the 20th consecutive downtick. Dry van ex-fuel spot rates are at \$1.31/mile, down from \$1.42 early June (per Truckstop.com) and down 20% YTD, yet up from May's \$1.25/mile (still below \$1.50-\$1.60 cost/mi of operation). Shippers' short-term Negative outlooks were 32%, up from 30% last survey; Positive outlooks were 25%, from 23% last survey; and Neutral outlooks were 43%, from 47% last issue. For the week of June 29th, we surveyed 44 shippers to get views on freight demand, supply, pricing, and inventories.

Inventory view ticks lower yet rates view declining

The Truck Capacity Indicator, which measures shippers' views of available truckload capacity, **increased to 64.8** from 62.8 last survey, up 4% sequentially as shippers see available truck capacity. **The Rate Indicator**, or shippers' views on truck rates, **fell to 35.2** from 45.7, down 23% sequentially, trending with spot rate moves as expectations on rates fell ahead of the July 4th holiday. **The Inventory Indicator ticked down to 59.1** from 61.7 last survey, down 4% sequentially, its lowest level in five surveys as shippers see lower inventory levels. With respect to rates, 36% expect rates to fall, up from 17% last issue, 57% expect flat pricing, down from 74% last issue, and 7% expect rates to rise, down from 9% last issue. On capacity, 34% expect capacity to rise, up from 32% last issue, 61% expect capacity to remain flat, down from 62% last issue, and 5% expect capacity to be lower, down from 6% last issue. **SHIPPER COMMENTS:** A Consumer Shipper believes refrigerated spot rates have bottomed and expects contract market will soon follow. An Industrial Shipper is seeing some tender declines as it approaches the July 4th holiday. An Industrial Shipper noted carriers are now starting to call direct more frequently looking for extra freight above commitments. An Industrial Shipper noted the market continues to stay flat. (*Shipper comments continue Page 5*)

ATRI highlights rising operating costs for truckers

The American Trucking Research Institute (ATRI) noted in its 2023 update that average marginal cost per mile for truckers have increased to \$2.25/mile in 2022, up 21% year-over-year. The uptick is driven by higher fuel costs (+54%) and equipment leasing rates (+19%). While its estimates are a blended result of specialized and general for-hire carriers (vs the owner-operator focused truckload carrier population), we see the data indicative of rising costs and thus increasing margin pressures for smaller carriers. With ex-fuel dry-van spot trucking rates around \$1.30/mile (up from the \$1.25/mile mid-May yet still below \$1.50-\$1.60 floor cost levels) and relatively lower operating efficiency for smaller operators (given fuel economics, scale benefits), we expect truck capacity exits to accelerate in 2H23. We stay focused on leading early-cycle Truckload related carriers (KNX, JBHT, SNDR, WERN).

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Chart 1: DEMAND INDICATOR

Shipper's view of demand next 0-3 months; Demand Indicator at 49.4



Source: BofA Global Research.

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Chart 2: RATE INDICATOR

Shipper's view of rates; Rate Indicator at 35.2



Source: BofA Global Research.

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SHIPPERS VIEW OF DEMAND

Table 1: BofA Truckload Demand Diffusion Indicator

Demand Indicator: at 49.4, up 1.5 pts sequentially

	2019	2020	2021	2022	2023
Jan	1/4 67.3	1/3 55.1	1/14 63.8	1/13 75.0	1/12 47.5
	1/18 76.7	1/17 58.1	1/28 63.8	1/27 70.0	1/26 51.3
Feb	2/1 69.8	1/31 56.7	2/11 67.5	2/10 69.5	2/9 45.1
	2/14 53.7	2/13 53.1	2/25 68.8	2/24 71.9	2/23 47.6
Mar	2/28 59.2	2/27 51.3	3/11 72.9	3/10 70.3	3/9 46.9
	3/14 60.1	3/12 46.1	3/25 68.8	3/24 69.2	3/23 48.3
Apr	3/28 59.2	3/26 43.5	4/8 73.0	4/7 64.1	4/6 49.5
	4/11 61.2	4/9 37.2	4/22 75.7	4/21 58.0	4/20 44.4
	4/25 58.3	4/23 33.3	5/6 77.6	5/5 57.5	5/4 49.5
May	5/9 56.6	5/7 37.8	5/20 78.3	5/19 55.0	5/18 44.3
	5/23 52.5	5/21 46.2	6/3 78.3	6/2 58.5	6/1 42.6
Jun	6/6 61.1	6/4 54.6	6/17 78.1	6/16 54.0	6/15 47.9
	6/20 52.5	6/18 56.4	7/1 75.7	6/30 55.5	6/29 49.4
Jul	7/4 52.3	7/2 59.3	7/15 70.9	7/14 50.9	7/13
	7/18 50.6	7/16 62.5	7/29 74.3	7/28 53.9	7/27
Aug	8/1 52.6	7/30 59.1	8/12 73.0	8/11 50.0	8/10
	8/15 51.9	8/13 63.5	8/26 73.0	8/25 54.5	8/24
Sep	8/29 55.0	8/27 71.1	9/9 73.6	9/8 51.6	9/7
	9/12 51.9	9/10 75.8	9/23 75.0	9/22 50.0	9/21
Oct	9/26 55.6	9/24 78.1	10/8 69.4	10/6 47.6	10/5
	10/10 48.7	10/8 73.3	10/21 68.3	10/20 45.6	10/19
	10/24 53.8	10/22 70.0	11/4 76.6	11/3 42.4	11/2
Nov	11/7 55.7	11/5 72.5	11/18 67.7	11/17 50.4	11/16
	11/21 51.3	11/19 69.9	12/2 69.7	12/1 47.8	11/30
Dec	12/5 52.3	12/3 63.8	12/16 68.6	12/15 47.2	12/14
	12/19 51.9	12/17 66.3	12/30 66.7	12/29 49.4	12/28
		12/31 67.7			

Source: BofA Global Research

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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

SHIPPERS' VIEW OF RATES

Chart 5: Shippers' view of rates over next three months

Rate Indicator at 35.2, -10.5 pts sequentially



Source: BofA Global Research.

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Chart 3: BofA Truckload Demand Diffusion Indicator

0-3 months demand time series; Demand Indicator at 49.4

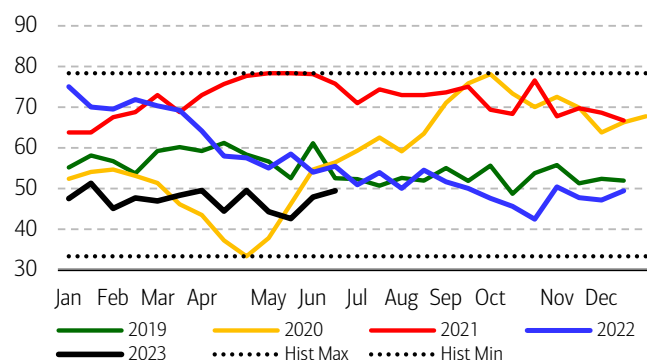


Source: BofA Global Research

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Chart 4: BofA Truckload Demand Diffusion Indicator

0-3 months demand outlook – stack basis y-y; Demand Indicator at 49.4



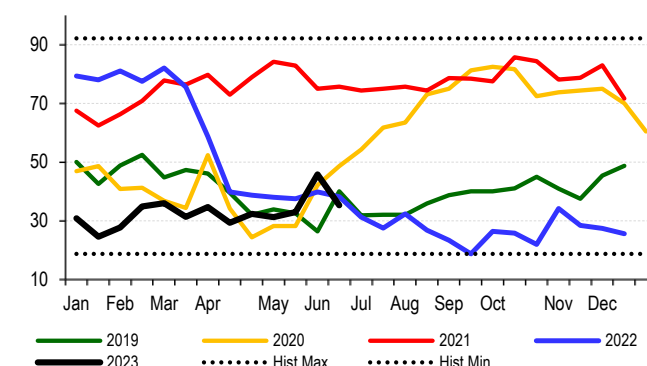
Source: BofA Global Research

Historical Max 04/03/14 (and 5/20-6/3/21). Historical Min 4/23/20. Survey began in mid-2012

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Chart 6: Shippers' view of rates

Stack basis year-over-year; Rate Indicator at 35.2



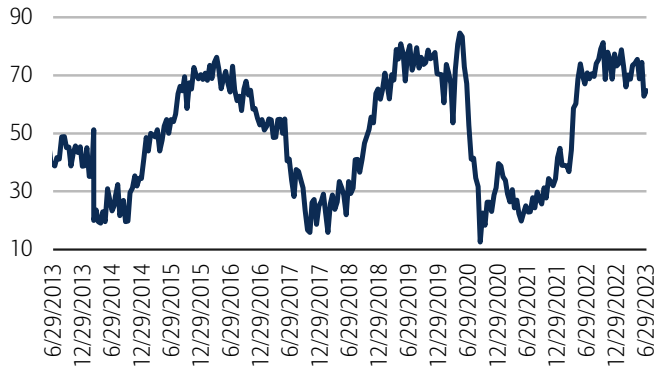
Source: BofA Global Research.

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CAPACITY AVAILABILITY

Chart 7: Shippers' view of available capacity

Capacity Indicator increased to 64.8, yet above its historic 50 avg

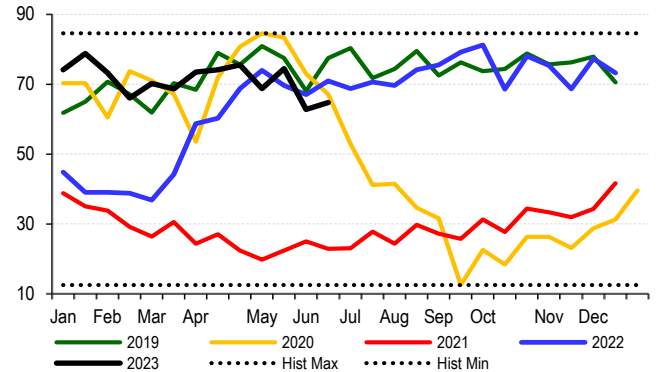


Source: BofA Global Research.

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Chart 8: Shippers' view of available capacity

Stack basis year-year; Capacity Indicator at 64.8



Source: BofA Global Research.

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6-12-MONTH FREIGHT DEMAND

Chart 9: Shippers' 6-12 month outlook for freight demand

L-T Demand Indicator at 52.3, down 2.0 pts sequentially

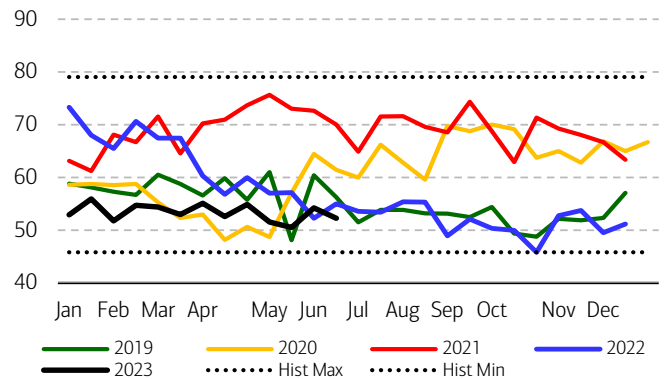


Source: BofA Global Research.

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Chart 10: Shippers' 6-12 mo. outlook for freight demand

Stack basis year-year; Long-Term Demand Indicator at 52.3



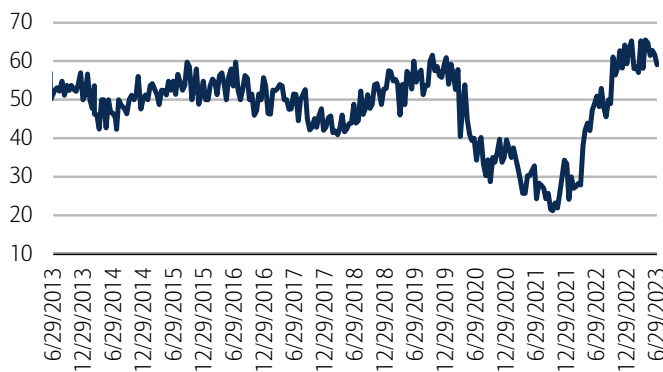
Source: BofA Global Research.

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INVENTORY

Chart 11: Shippers' view of inventory levels

Inventory Indicator at 59.1, down from 61.7 last issue

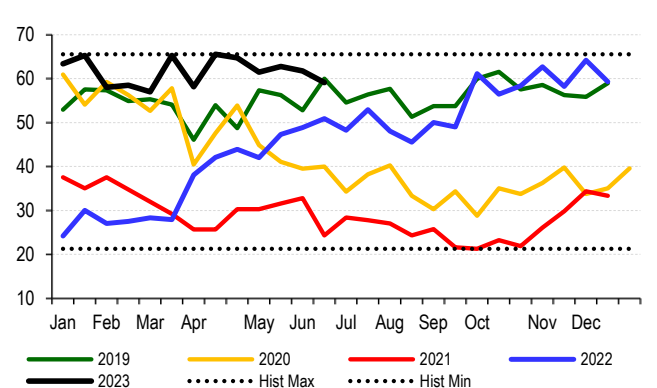


Source: BofA Global Research.

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Chart 12: Shippers' view of inventory levels

Stack basis year-year; Inventory Indicator at 59.1



Source: BofA Global Research.

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The survey, which is distributed to approximately 1,300 shipping managers, received responses from a varied mix of all major end markets (retail, consumer goods, industrial, manufacturing, basic materials, healthcare, tech).

Figure 1: Shippers' core end-market

Retail and Manufacturing oriented end-markets



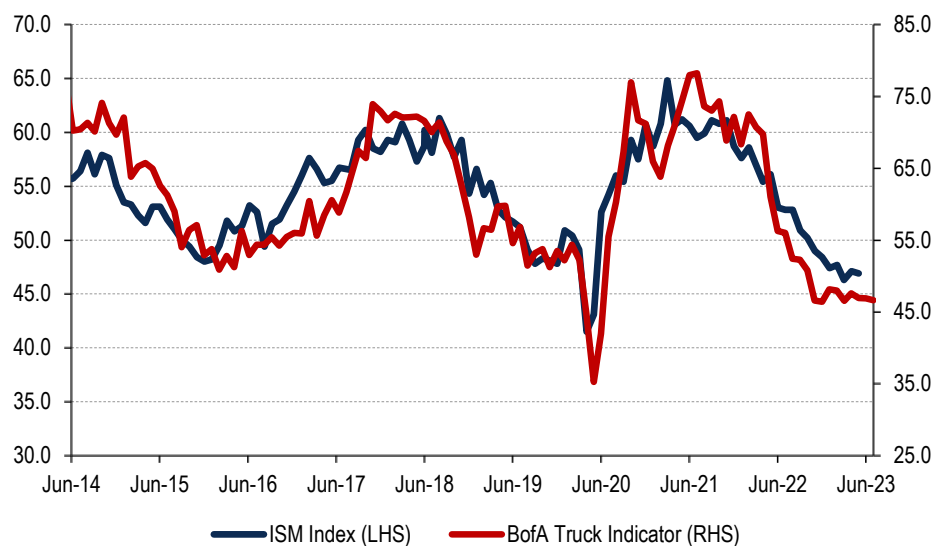
Source: BofA Global Research estimates.

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Correlation between BofA Truck indicator and ISM Index

Chart 13: BofA Truck Indicator and ISM Index

Two data sets have shown correlation since survey inception (0.81 on a one-month leading basis)



Source: BofA Global Research estimates, ISM Index

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Shipper Comments Cont'd

- An Industrial Shipper noted it had spotty lanes this summer. It sees it reminiscent of a typical produce season with tighter capacity, only the tight capacity might be on a Thursday versus a full season. It noted freight is still moving and prices keep going down. It expects that for every peak there has been a corresponding drop to equal the peak. It noted inflation does not help

its customers and demand is off by about 20% with shoppers still having limited money to spend.

- A Consumer Shipper noted its contracted rates run through October.

Exhibit 1: Stocks Mentioned

Shares mentioned include JBHT, KNX, SNDR, and WERN

Ticker	QRQ	Rating	Price	PO
JBHT	B-1-7	Buy	\$ 182.47	\$ 194.00
KNX	B-1-7	Buy	\$ 55.74	\$ 67.00
SNDR	B-1-7	Buy	\$ 28.96	\$ 30.00
WERN	B-1-7	Buy	\$ 44.65	\$ 51.00

Source: BofA Global Research and Bloomberg

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Price objective basis & risk

J.B. Hunt Transport Services (JBHT)

Our \$194 price objective is based on a 23.5x target multiple of our 2023e EPS. Our target multiple is the top of its 16x-23x one standard deviation trading band as earnings are expected to trough in late '23. We expect pricing pressure to be somewhat countered with improved operational performance as supply chains improve fluidity. We forecast solid double-digit EPS gains over time, robust Intermodal performance, and potential for improved box turns as rail service improves. It also plans to grow its container fleet to 150k over 3-5 years as it scales growth on BNSF's network, post competitors shift to UNP.

Risks to our PO are a slowing economic environment, an inability for the company to raise rates to offset rising costs (driver pay, insurance, depreciation, and fuel), a severe accident impacting costs or the company's image, or significant impacts (strikes, network outages) to BNSF or Norfolk Southern's rail network or J.B. Hunt's relationship with either of those carriers impacting intermodal operations. Additional risks are regulatory changes impacting the flow of freight from the highway to rail, or rapidly falling fuel prices that could encourage freight to stay on the highway, its occasional arbitration with BNSF over rail rates, a sustained loose capacity truckload market that may overhang Intermodal pricing, and inability to obtain labor.

Knight-Swift Transportation Holdings Inc (KNX)

Our \$67 price objective is based on a 19.5x target multiple on our 2023 EPS estimate. Our target multiple is above the bottom of its one-standard-deviation 22-year historical trading range of 15.5x-25x on year ahead estimates, as it nears trough earnings (led by pressure on economic growth and truck spot rate declines). We view downside as somewhat limited given its diversified model and strong operational performance, and a truckload market that is beginning to work out excess capacity (though recognize the pendulum can overswing on rate declines and cost pressures). Nevertheless, given its diversification moves (LTL, Intermodal, Brokerage/Logistics, and Trucking/Dedicated) it looks to prove earnings will be more sustainable than in prior cycles.

Risks to our price objective are volatility at its truckload segment (particularly its historical SWFT segment, which is more exposed to large retail and project pricing), slower earnings growth from its LTL acquisitions of AAA Cooper and MME, weaker-than-expected economic conditions, an inability for the company to have trucking rates offset rising costs (driver pay, insurance, depreciation, and fuel), a severe accident impacting the company's image and finances, over-expanding (or acquiring assets) without maintaining its focus on cost controls, and a lack of growth opportunities, and the failure to complete its acquisition of US Xpress, which may affect its growth outlook.

Schneider National (SNDR)

Our \$30 PO is based on a 14.5x target multiple on our 2023 EPS estimate. Our target multiple is the mid-point of its 10x-19x historical range. It is at a discount to average of best-in-class peer targets, which include a blend of peer historical averages (50% of SNDR's revs are Truck, which peers trade low double digits, currently, 20% is Intermodal and its peer trade at 20x, 20% is Logistics which peers trade at upper-teens multiples, and 10% is other, or low double-digits), yielding a mid-teen fair value multiple target. SNDR's diverse base is countered by increasing concerns of decelerating economic and freight flows.

Risks to our price objective are a cyclical downturn impacting freight flows, higher-than-expected costs from weather, driver pay, accident claims, fuel costs, and equipment prices. Given Schneider operates in a fragmented market, it may not have pricing power to adjust as costs rise in an improving market to offset an increased cost base.

Additionally, the company is a 'controlled company' given A shares have 10:1 votes and are completely controlled by the Schneider family and trusts.

Werner Enterprises (WERN)

Our \$51 price objective is based on an 20x target multiple on our 2023 EPS estimate. Our target multiple is at the upper end of its 13x-20x historical trading range, as 2023 appears to be WERN's earnings trough as demand bottoms and pricing finds a floor. Werner continues to focus on operational improvements, led by CEO Derek Leathers, which it targets to drive margin improvement.

Downside risks to our price objective are an economic (or freight) downturn, trade of fleet growth for reduced incremental margins, a sustained rise in fuel prices which could increase costs, inability of the company to raise rates, a severe accident, rapidly rising costs (driver pay, insurance, claims, etc.), and larger-than-expected impact from regulatory changes (hours of service, CSA safety rules, electronic on board recorder enforcement, drug and alcohol clearinghouse limitations on drivers, which continue to cull the driver population).

Analyst Certification

I, Ken Hoexter, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

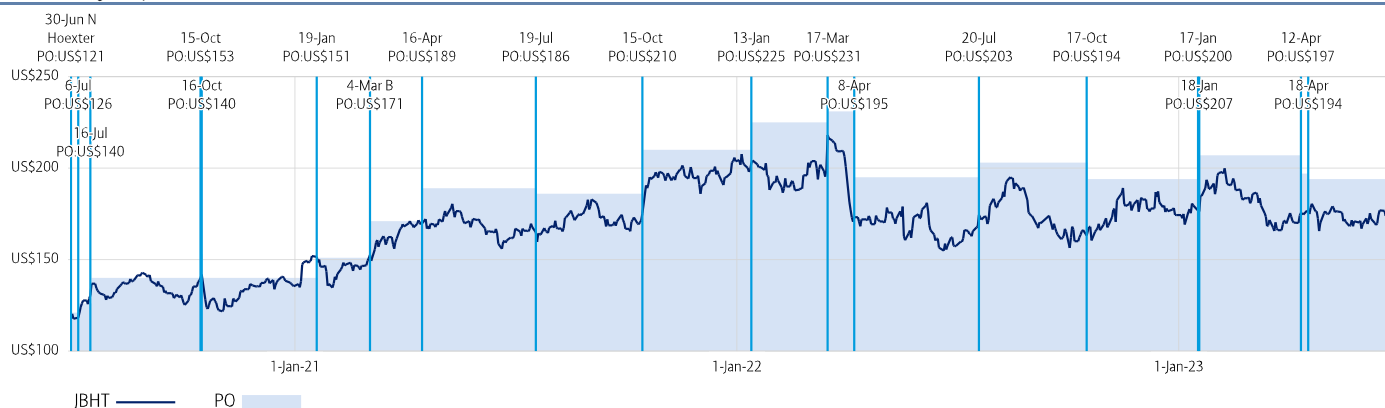
US - Transportation Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
BUY				
	Canadian National	CNI	CNI US	Ken Hoexter
	Canadian Pacific Kansas City Ltd	CP	CP US	Ken Hoexter
	CSX Corporation	CSX	CSX US	Ken Hoexter
	FedEx Corp.	FDX	FDX US	Ken Hoexter
	J.B. Hunt Transport Services	JBHT	JBHT US	Ken Hoexter
	Kirby Corp	KEX	KEX US	Ken Hoexter
	Knight-Swift Transportation Holdings Inc	KNX	KNX US	Ken Hoexter
	Norfolk Southern	NSC	NSC US	Ken Hoexter
	Old Dominion Freight Line	ODFL	ODFL US	Ken Hoexter
	RXO, Inc.	RXO	RXO US	Ken Hoexter
	Saia Inc.	SAIA	SAIA US	Ken Hoexter
	Schneider National	SNDR	SNDR US	Ken Hoexter
	Scorpio Tankers Inc.	STNG	STNG US	Ken Hoexter
	Union Pacific	UNP	UNP US	Ken Hoexter
	Werner Enterprises	WERN	WERN US	Ken Hoexter
	XPO, Inc.	XPO	XPO US	Ken Hoexter
NEUTRAL				
	Teekay Tankers Limited	TNK	TNK US	Ken Hoexter
	TFI International	TFII	TFII US	Ken Hoexter
	TFI International	YTFII	TFII CN	Ken Hoexter
	UPS	UPS	UPS US	Ken Hoexter
	Wabtec Corp.	WAB	WAB US	Ken Hoexter
UNDERPERFORM				
	ArcBest Corporation	ARCB	ARCB US	Ken Hoexter
	C.H. Robinson	CHRW	CHRW US	Ken Hoexter
	The Greenbrier Companies	GBX	GBX US	Ken Hoexter
	TuSimple	TSP	TSP US	Ken Hoexter
	World Kinect	WKC	WKC US	Ken Hoexter
RSTR				
	Triton International, Ltd	TRTN	TRTN US	Ken Hoexter

Disclosures

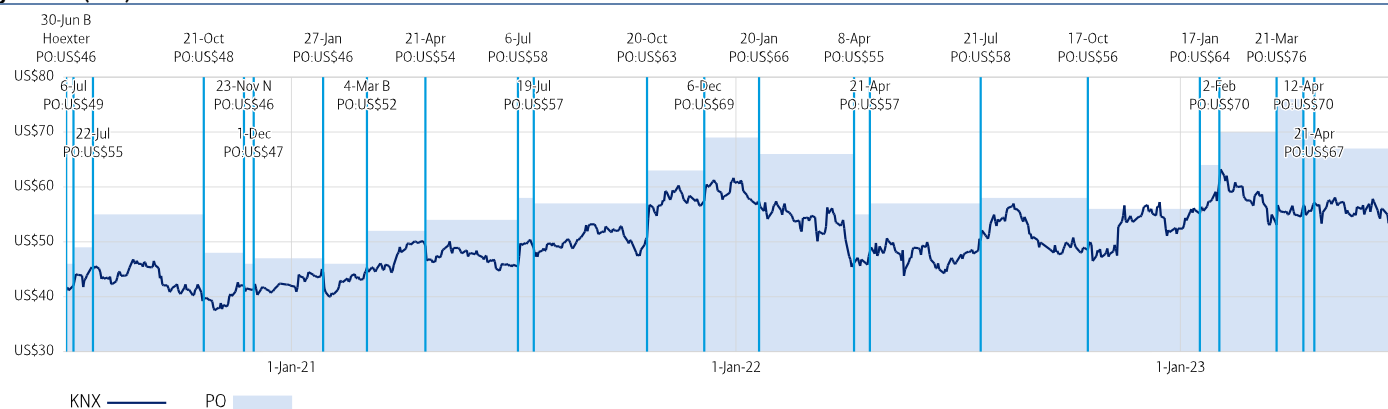
Important Disclosures

J.B. Hunt Trans (JBHT) Price Chart



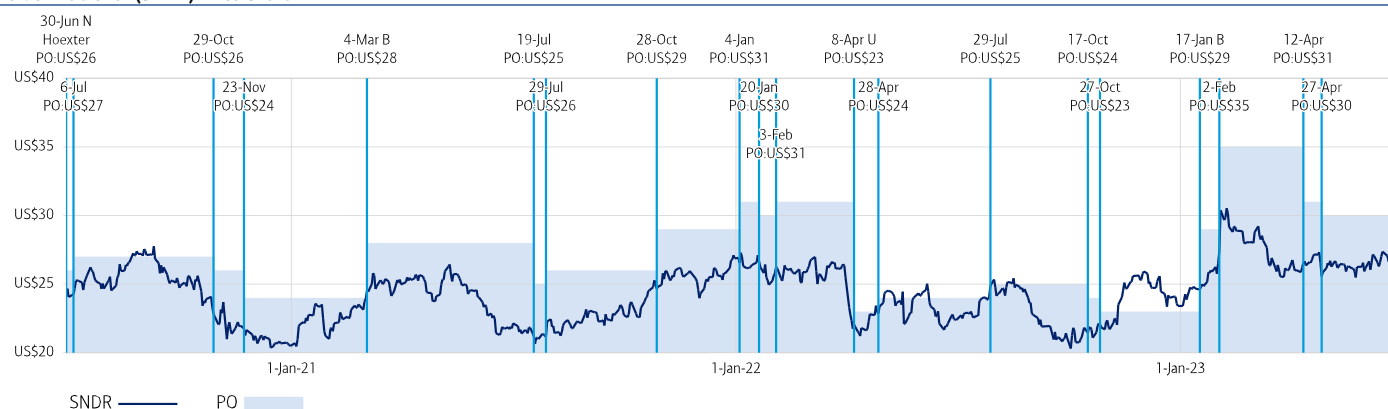
B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

Knight-Swift (KNX) Price Chart

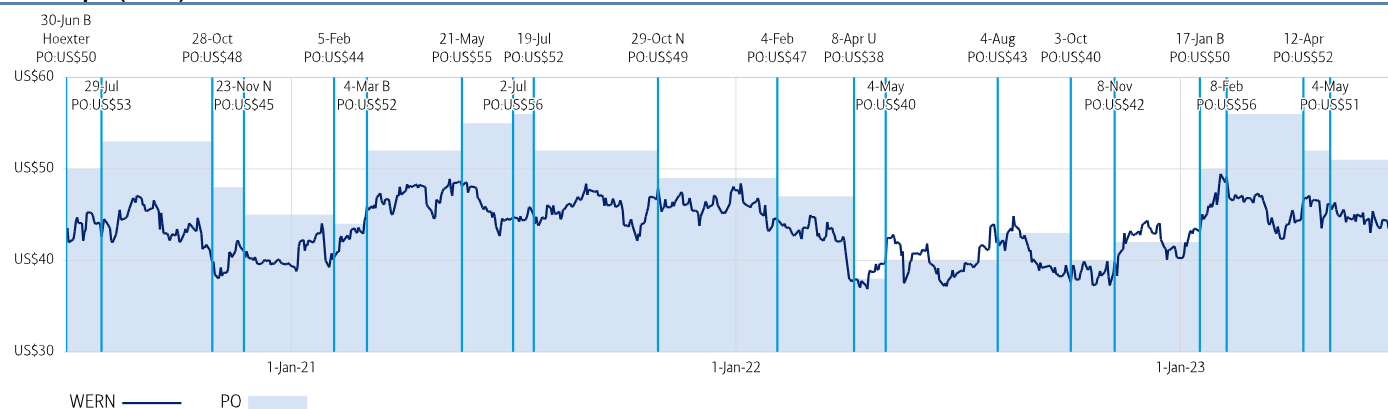
B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

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Schneider National (SNDR) Price Chart

B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

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Werner Enterprises (WERN) Price Chart

B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

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Equity Investment Rating Distribution: Transport/Infrastructure Group (as of 31 Mar 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships ^{R1}	Count	Percent
Buy	68	51.52%	Buy	38	55.88%
Hold	28	21.21%	Hold	15	53.57%
Sell	36	27.27%	Sell	18	50.00%

Equity Investment Rating Distribution: Global Group (as of 31 Mar 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships ^{R1}	Count	Percent
Buy	1869	53.01%	Buy	1030	55.11%
Hold	827	23.45%	Hold	476	57.56%
Sell	830	23.54%	Sell	389	46.87%

^{R1} Issuers that were investment banking clients of BofA Securities or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only stocks. A stock rated Neutral is included as a Hold, and a stock rated Underperform is included as a Sell.

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Investment rating	Total return expectation (within 12-month period of date of initial rating)	Ratings dispersion guidelines for coverage cluster ^{R2}
Buy	≥ 10%	≤ 70%
Neutral	≥ 0%	≤ 30%
Underperform	N/A	≥ 20%

^{R2} Ratings dispersions may vary from time to time where BofA Global Research believes it better reflects the investment prospects of stocks in a Coverage Cluster.

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