

The Case for Leadership, Safety & Strategy Changes at Norfolk Southern

February 2024

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CERTAIN INFORMATION CONCERNING THE PARTICIPANTS

Ancora Alternatives and the other Participants (as defined below) intend to file a preliminary proxy statement and accompanying BLUE universal proxy card (the "Proxy Statement") with the SEC to be used to solicit proxies for, among other matters, the election of its slate of director nominees at the 2024 annual meeting of shareholders (the "2024 Annual Meeting") of the Corporation.

The participants in the proxy solicitation are currently anticipated to be Ancora Catalyst Institutional, LP ("Ancora Merlin Institutional, LP, ("Ancora Merlin Institutional"), Ancora Merlin, LP ("Ancora Merlin"), Ancora Catalyst, LP ("Ancora Catalyst Institutional"), Ancora Merlin Institutional"), Ancora Merlin Institutional", Ancora Merlin Institutional", Ancora Merlin Institutional", Ancora Merlin Institutional"), Ancora Merlin Institutional", Ancora Merlin Institutional", Ancora Impact AA") and Ancora Impact Fund LP Series BB ("Ancora Impact BB") (each of which is a series fund within Ancora Impact Fund LP) (Ancora Catalyst Institutional, Ancora Impact BB") (each of which is a series fund within Ancora Impact Fund LP) (Ancora Catalyst Institutional, Ancora Impact BB") (each of which is a series fund within Ancora Impact Fund LP) (Ancora Catalyst Institutional, Ancora Impact BB") (each of which is a series fund within Ancora Impact Fund LP) (Ancora Catalyst Institutional, Ancora Impact BB") (each of which is a series fund within Ancora Impact Fund LP) (Ancora Catalyst Institutional, Ancora Impact BB") (each of which is a series fund within Ancora Impact Fund LP) (Ancora Catalyst Institutional, Ancora Impact BB") (each of which is a series fund within Ancora Impact Fund LP) (Ancora Catalyst Institutional, Ancora Impact BB") (each of which is a series fund within Ancora Impact Fund LP) (Ancora Catalyst Institutional, Ancora Funds"), Ancora Advisors, LLC ("Ancora Advisors, LLC ("Ancora Advisors"), The Ancora Group LLC ("Ancora Group"), Ancora Advisors, LLC ("Ancora Holdings") and Frederick DiSanto (collectively, the "Ancora Parties"); and Betsy Atkins, James Barber, Jr., William Clyburn, Jr., Nelda Connors, Sameh Fahmy, John Kasich, Gilbert Lamphere and Allison Landry (the "Ancora Nominees" and, collectively with the Ancora Parties, the "Participants").

Ancora Alternatives, as the general partner and investment manager of each of the Ancora Funds and as the investment manager of Ancora Alternatives separately managed accounts (each an "SMA"), may be deemed to beneficially own in the aggregate 913,180 shares of the Corporation's common stock, \$1.00 par value (the "Common Stock") held in the Ancora Funds and the Ancora Alternatives SMAs (including 123,500 shares of Common Stock underlying 1,235 American call options held in the Ancora Funds). Ancora Advisors, as the investment advisor to the SMA of Ancora Advisors, may be deemed to beneficially own all of the 270 shares of Common Stock held in the Ancora Advisors SMA. Ancora Group, as the sole member of Ancora Advisors SMA. Ancora Family Wealth, SMAs, invertees Holdings, as the sole member of Ancora Family Wealth, as the investment advisor to the Ancora Family wealth SMAs. Inverness Holdings, as the sole member of Ancora Family Wealth, may be deemed to beneficially own all of the 9,847.28 shares of Common Stock held in the Ancora Family Wealth, so the investment advisor song and Inverness Holdings, as the sole member of Ancora Family Wealth, may be deemed to beneficially own in the aggregate 923,297.28 shares of Common Stock held in the Ancora Family Wealth SMAs. Incora Family Wealth SMAs. Max Incora Family Wealth SMAs. Mr. DiSanto, as the Chairman and Chief Executive Officer of Ancora Holdings, may be deemed to beneficially own 923,297.28 shares of Common Stock held by the Ancora Family Wealth SMAs. The Ancora Family Wealth SMAs. Mr. DiSanto, as the Chairman and Chief Executive Officer of Ancora Holdings, may be deemed to beneficially own 923,297.28 shares of Common Stock and the Ancora Family Wealth SMAs. The Ancora Parties beneficially own 923,297.28 shares of Common Stock held by the Ancora Family Wealth SMAs. The Ancora Parties beneficially own 923,297.28 shares of Common Stock held by the Ancora Family Wealth SMAs. The Ancora Parties beneficially own 923,297.28 shares of Common Stock held by the Ancora Fam

IMPORTANT INFORMATION AND WHERE TO FIND IT

ANCORA STRONGLY ADVISES ALL SHAREHOLDERS OF NORFOLK SOUTHERN TO READ THE PRELIMINARY PROXY STATEMENT, ANY AMENDMENTS OR SUPPLEMENTS TO SUCH PROXY STATEMENT, THE DEFINITIVE PROXY STATEMENT, AND OTHER PROXY MATERIALS FILED BY ANCORA AS THEY BECOME AVAILABLE BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION. SUCH PROXY MATERIALS WILL BE AVAILABLE AT NO CHARGE ON THE SEC'S WEBSITE AT WWW.SEC.GOV. IN ADDITION, THE PARTICIPANTS IN THIS PROXY SOLICITATION WILL PROVIDE COPIES OF THE PROXY STATEMENT WITHOUT CHARGE, WHEN AVAILABLE, UPON REQUEST. REQUESTS FOR COPIES SHOULD BE DIRECTED TO THE PARTICIPANTS' PROXY SOLICITOR.



Situation Overview

Ancora and the participants in its solicitation own a large equity stake in Norfolk Southern, which is an issue-plagued and the worst-performing Class I railroad despite having exceptional employees and world-class customers.

We have nominated eight highly qualified and independent director candidates, who collectively possess significant experience in the railroad and transportation sectors, strategic planning, safety, finance, corporate governance, and legislative and regulatory affairs.

We have identified the right CEO in Jim Barber, the former Chief Operating Officer of United Parcel Service, Inc. ("UPS"), who is an experienced logistics and networks operator with a demonstrated record of devising new growth strategies and the background of a large Norfolk Southern customer.

We have identified the right COO in Jamie Boychuk, the former Executive Vice President of Operations at CSX Corporation ("CSX"), who is an experienced railroad operator who previously worked under industry legend Hunter Harrison and has a demonstrated record of helping improve safety and performance in the context of turnarounds.

Once stronger leadership establishes a safety-first, worker-focused culture, Norfolk Southern can implement the network of the future to regain trust, reestablish reliability and unlock enhanced value for shareholders, employees, shippers and the communities the Company's trains run through.



Executive Summary (Page 5)

<u>The Problem</u>: Ineffective Management, Failed Strategy, Lax Oversight and Absent Accountability (Page 20)

<u>The Evidence</u>: Underperformance, Shrinking Margins and Tone-Deaf Crisis Response (Page 28)

<u>Our Slate's Solution</u>: New Board and Management With a New, Safety-First Strategic Vision (Page 45)

Appendix (Page 54)



Executive Summary

About Norfolk Southern

	Where the Company Stands	FY 2023 vs. FY 2022 Performance ¹		
•	Norfolk Southern is a Class I freight railroad that is headquartered in Atlanta, Georgia and operates across the eastern U.S. In December 2021, Norfolk Southern announced that Alan Shaw, a 30-year insider who failed to deliver growth in his prior role as Chief Marketing Officer, would assume the CEO role in May 2022 following the retirement of James Squires. In February 2023, a Norfolk Southern train carrying hazardous chemicals derailed in East Palestine, Ohio – resulting in lingering community damage, reputational harm and value destruction.	 Railway Operating Revenues: (4.6%) Income from Railway Operations Adjusted for the East Palestine Derailment: (19.4%) Railway Operating Expenses: +\$1.4 billion, including a \$1.1 billion charge associated with the East Palestine derailment. Operating Ratio: +600 bps Norfolk Southern vs. CSX: 800 bps worse operating ratio \$1.6 billion less operating income \$17 billion (25% less market value) 		
	Existing Leadership	Total Shareholder Returns vs. Class I Railroad Peers ²		
•	 CEO Alan Shaw: A 30-year insider with experience primarily in no-growth chemical and coal staff positions. Minimal operational or financial experience. No network management and logistics experience. A flawed growth-focused strategy with a track record of failing to deliver growth as CMO. 	(10.9%) NSC vs. Class I Railroad Median NSC vs. CSX		
		-20% -15% -10% -5% 0%		

¹ Company filings. ² Source: Bloomberg. Performance runs from 2022 Investor Day on December 6, 2022 through January 31, 2024, the first public disclosure of investor group activity in The Wall Street Journal.



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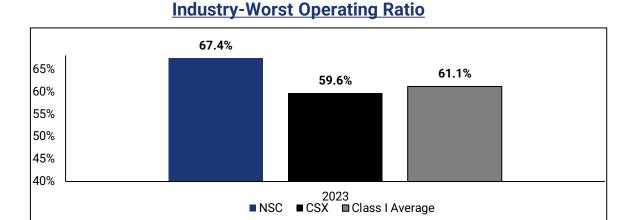
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About Norfolk Southern (Cont.)

Weak Revenue / EBIT / EPS

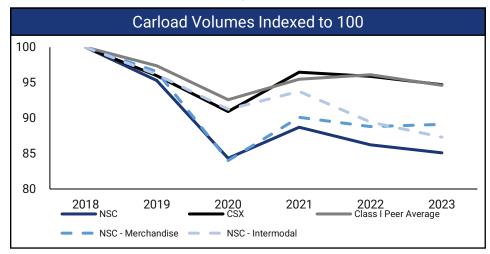
Historical CAGR (2019 - 2023)			
	NSC	csx	Class I Average
Revenue	1.9%	5.3%	3.7%
EBIT	-0.3%	2.9%	2.8%
EPS	3.2%	7.6%	6.4%

Source: Company filings, FactSet. Class I Average includes CSX, UNP, CP and CNI. Note: CP excluded for historical data due to KSU acquisition.



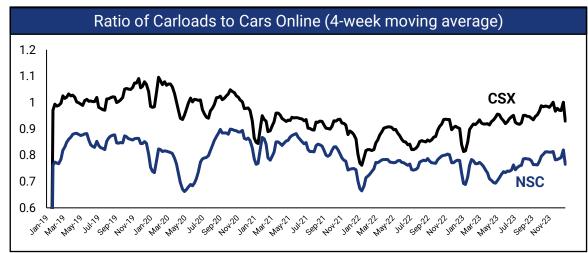
Source: Company filings, FactSet. Class I Average includes CSX, UNP, CP and CNI. Note: CSX figures exclude Quality Carriers contribution to OR.

Declining Volumes



Source: Surface Transportation Board, Company filings. Class I Average includes CSX, UNP, CP and CNI.

Lagging Ratio of Carloads to Cars Online



Source: Company filings.

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Why We're Seeking to Elect a Majority Slate and Install a New CEO

UNQUALIFIED CEO

- Mr. Shaw does not possess the strategic operating and financial experience needed to effectively oversee Norfolk Southern during this critical period; he is a 30-year insider who ascended from the CMO role – despite failing to deliver growth. His prior roles at the Company exclude any development of operational, strategic or financial acumen.
- As a result, he can't make the needed cultural and accountability changes to cut decisionmaking layers, combine silos, select higher quality talent and change practices.
- Under Mr. Shaw's leadership, Norfolk Southern has underperformed its peers on every relevant operating metric, translating to higher costs, lower profitability, inferior cash flows and reduced value for shareholders.
- Mr. Shaw's indifferent initial response following the East Palestine derailment is one of many examples of his shortcomings as an effective leader.

DEFENSIVE & INSULAR BOARD

- Norfolk Southern's Board of Directors (the "Board") has demonstrated that it is incapable of choosing effective management to fill CEO and COO roles.
- The Board lacks sufficient railroad industry expertise and is instead comprised of interconnected directors who have irrelevant experience in the energy, retail and entertainment sectors.
- Despite presiding over an increasing rate of accidents, poor service, ballooning expenses and lagging financial performance, the Board promoted Mr. Shaw from within and remains loyal to its ineffective CEO and flawed strategy.
- In the face of subpar results, the Board has rewarded Mr. Shaw with nearly \$10 million in full-year compensation.¹
- Rather than benchmarking Norfolk Southern's performance against other Class I railroads, the Board is looking forward to contrasting 2024's second-half results with 2023's underwhelming achievements.

INEFFECTIVE STRATEGY

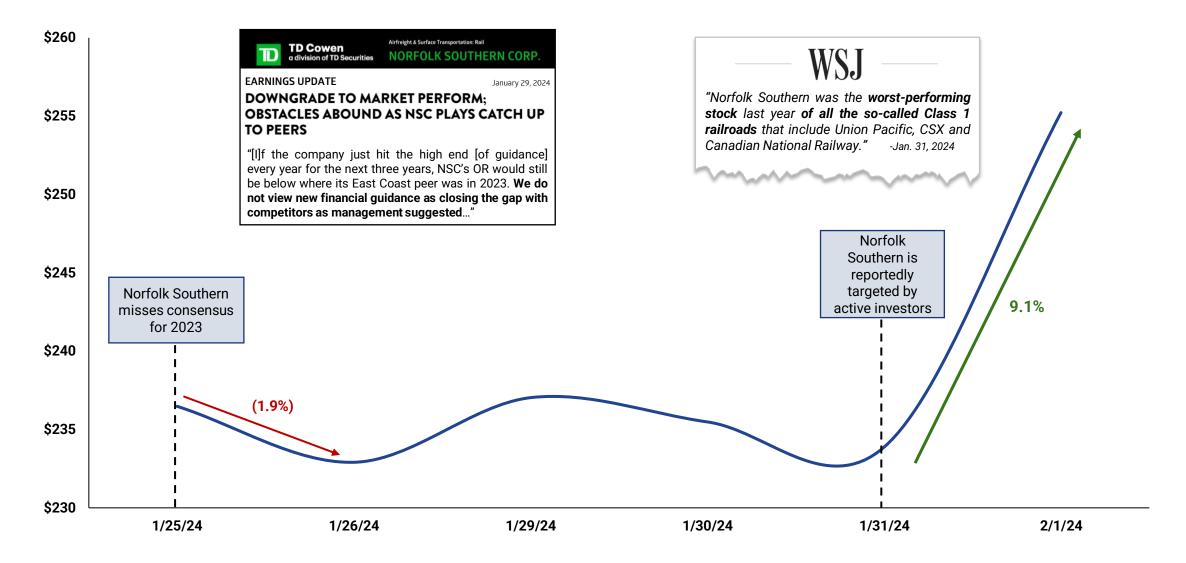
 Norfolk Southern has stagnated operationally because the Company has resisted implementing proven industry best practices, including scheduled railroading principles.





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The Financial Community Has Lost Confidence in Existing Leadership



Share price data from Yahoo! Finance.



The General Public Has Lost Confidence in Existing Leadership

Warren Buffett says Norfolk Southern handled train derailment 'terribly'

THE WALL STREET JOURNAL

Dead Fish, Contaminant Plume After the Ohio Train Derailment Put Norfolk Southern in Spotlight

CNN

A year after a toxic train derailment, cleanup continues and trauma lingers in a divided community

Response to fiery Ohio derailment frustrated by poor communication and incomplete information

MBC NEWS -

Norfolk Southern CEO a no-show at town hall meeting to discuss derailment



The Company's insufficient response to the 2023 derailment in East Palestine, Ohio is a microcosm of Norfolk Southern's failed strategy, insufficient accountability and lack of oversight of poor leadership.



Elected Officials Have Lost Confidence in Existing Leadership

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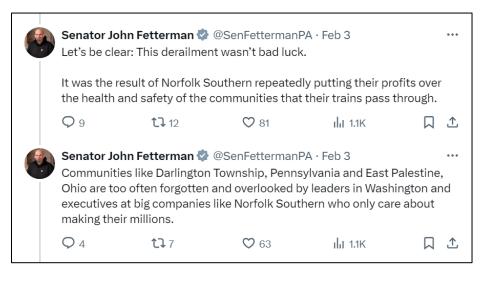
President Biden 🍲 @POTUS

One year ago, a Norfolk Southern train carrying hazardous chemicals derailed in East Palestine, Ohio, threatening the safety of countless families.

Since then, my Administration has mobilized a whole-of-government response to make this community whole again.

And we'll continue doing everything we can to hold Norfolk Southern accountable for their mess.

9:32 AM · Feb 3, 2024 · 1.2M Views





Sherrod Brown 📀 @SherrodBrown

It's been one year since the East Palestine derailment and Norfolk Southern STILL refuses to take accountability for the pain they inflicted on an entire community.

I will never back down to greedy, incompetent corporations like Norfolk Southern. Never.

9:19 AM · Feb 3, 2024 · 7.870 Views



@Bob Casev

It's been one year since a hazardous train derailment devastated East Palestine and Darlington Township.

We need to hold big rail corporations accountable to ensure they never prioritize profits over safety and prevent another disaster.

11:55 AM · Feb 3, 2024 · 4,186 Views

President Joseph Biden's Post, Senator Sherrod Brown's Post, Senator John Fetterman's Post, Senator Bob Casey, Jr.'s Post,



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...



Cargo train derails in New York, spilling cooking oil and plastic resin into river

"Ten cars of a cargo train carrying plastic pellets and cooking oil derailed in upstate New York, with two ending up in a river, authorities said.

The cars, part of a 94-car train, derailed about 10:15 p.m. Wednesday in Rensselear County, in the village of Valley Falls. County <u>authorities said it was a</u> <u>Norfolk Southern train</u> operated by Berkshire & Eastern Railroad."

-Feb. 8, 2024



9 train cars derailed at Norfolk's Lamberts Point terminal, Norfolk Southern says

"Nine train cars derailed at the Lamberts Point terminal in Norfolk on Wednesday morning, officials with <u>Norfolk Southern confirmed</u> to 13News Now."

-Feb. 7, 2024



NTSB investigating Norfolk Southern employee fatality in Alabama (updated)

"The National Transportation Safety Board is investigating <u>a Norfolk</u> <u>Southern employee fatality</u> that occurred Wednesday in Decatur, Ala."

-Feb. 1, 2024



Our Solution: A Fit-for-Purpose and Well-Rounded Board



 Betsy Atkins
 ✓ Operator and investor in technology and software companies.
 ✓ Public company board experience.
 ✓ Former director of global car manufacturer.



 Sameh Fahmy
 ✓ Former railroad and transportation industry executive.
 ✓ Engineering background and is a CPA.
 ✓ Public company board experience.



Jim Barber, Jr. ✓ Former shipping and logistics industry COO. ✓ Former major rail customer.

Public company board experience.



John Kasich ✓ Former Ohio Governor and congressman, overseeing state environmental and transportation agencies.

✓ Significant regulatory experience.



 William Clyburn, Jr.
 ✓ Former Commissioner on the U.S. Surface Transportation Board.
 ✓ Experience in all three branches of government.



Gilbert Lamphere ✓ Former founder and strategic operations expert in the railroad and transportation industries. ✓ Public company board experience.



Nelda Connors
 ✓ Former automotive executive.
 ✓ Engineering background.
 ✓ Public company board experience.



 Allison Landry
 ✓ Former equity analyst for the U.S. transportation sector.
 ✓ Public company board experience.



David Dealy Advisor to the Slate ✓ Track record of successfully implementing operating best practices at various railroads. ✓ Three decades of experience in railroad industry.

Not standing for election to the **Board**, nor does he have any intention to serve on the Board.

Is ready, willing and able to support Norfolk Southern in an operational capacity, if needed.

Our nominees possess relevant operating backgrounds, railroad industry expertise, corporate governance knowhow, financial analysis skills, strategy, legislative and regulatory affairs expertise, and public company board experience.



Our Solution: Experienced, Qualified Leadership





Jim Barber, Proposed CEO With Proven Ability to Deliver Network Operating Leverage and Reliability

- Has a clear vision for the team, operating plan and growth needed to turn around Norfolk Southern.
- Previously served as the COO of UPS, one of the country's largest railroad customers and a \$125 billion market value parcel carrier with a global network that generates more than \$90 billion in sales annually.
- During his 35-year career at UPS, Mr. Barber held key leadership positions in UPS' Domestic and International business units, as well as in Supply Chain Solutions.
- Mr. Barber is credited with leading much of UPS' growth, including in both mature and emerging international markets.
- Has reached scores of effective labor agreements through constructive negotiations, while overseeing lauded safety initiatives in both the Ground network and the UPS airline.
- Current member of the board of directors of C.H. Robinson Worldwide, Inc. (Nasdaq: CHRW), a major logistics company, where he serves on the Audit Committee.
- Current member of the board of directors of U.S. Foods Holding Corp. (NYSE: USFD), a major food distributor, where he serves on the Compensation and Human Capital Committee.
- If elected, our slate intends to make every effort to expeditiously appoint Mr. Barber as CEO.

Mr. Barber has a track record of growth and significant experience in operations, supply chain, strategic planning, employee relations and risk management from his 35-year career as a leader in the shipping and logistics industry.



Our Solution: Experienced, Qualified Leadership (Cont.)







Jamie Boychuk, a Proven Railroad Operator and the Ideal Proposed COO

- A lifelong railroader with the safety record and scheduled railroading acumen needed to help turn around Norfolk Southern.
- Previously served as the Executive Vice President of Operations at CSX, where he led a variety of
 operational initiatives during a period in which the railroad improved performance across all operating
 metrics and unlocked significant value for shareholders.
- Mr. Boychuk, who worked directly with industry legend Hunter Harrison, also helped CSX amass a strong safety record and reduce burdens on rail workers.
- Upon his departure from CSX in 2023, the company publicly thanked Mr. Boychuk for *"his role in the implementation of scheduled railroading."*
- Previously, Mr. Boychuk spent nearly two decades at Canadian National Railway ("Canadian National"), where he held operations roles of increasing responsibility and seniority.
- If elected, our slate intends to make every effort to appoint Mr. Boychuk as COO as expeditiously as possible.

Mr. Boychuk's industry background and scheduled railroading expertise make him the ideal partner for proposed CEO Jim Barber, representing an operational dream team with vast transportation network experience.



The Impact of Scheduled Railroading

- Scheduled railroading has had a profound impact on the operating model of the railroad industry and is credited with significant improvements at Illinois Central Railroad ("Illinois Central"), Canadian National, Canadian Pacific Railway ("Canadian Pacific"), CSX and Kansas City Southern.
- Railroads that have implemented scheduled railroading principles have also demonstrated safety improvements.
- It is important to underscore that this operating model worked at CSX, the rail with the most comparable geographic footprint, freight mix and volumes to NSC.
- CSX's operating ratio improved >1,000 bps over the two-year period of implementation (60.3% in 2018 vs. 70.6% in 2016), with a record low OR of 57.4% in 2021.
- When implemented correctly by qualified individuals, scheduled railroading has been demonstrated to result in vastly improved service, safety and profitability. It is also more environmentally friendly because an on-time, scheduled railroad is a more fuel-efficient railroad.



Our Solution: Network of the Future

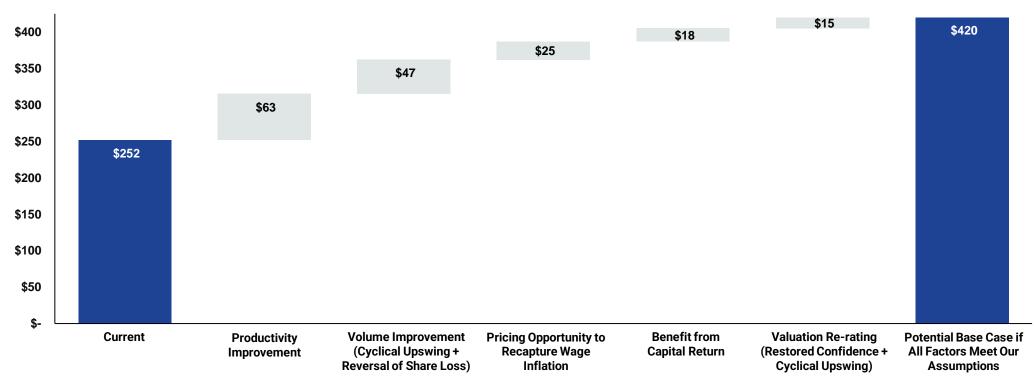
- Safety-First Culture The well-being of our people, business partners and community
- Human Capital People are your #1 asset, ensure you provide recognition and development
- Service Customer-focused, based on reliable service with excellent value
- Cost Control Manage costs targeted at creating network operating leverage
- Asset Utilization Focus on velocity and asset turnover thereby creating additional capacity
- Growth Collaboration of operations and commercial division
 - Strategic product and pricing process aligned to customer value proposition
 - Ability to adapt resources for unplanned volume growth
- Strategic Product Mix Optimizing product sets to drive shareholder value
 - Product profitability ensure strategic cost models properly support optimal mix decisions maximizing ROIC





The Value Creation Opportunity at Norfolk Southern

 As demonstrated below, there are at least five areas where we have modeled potential upsides for Norfolk Southern shareholders over the next several years. Our model is based on assumptions we have made, including that our entire slate is elected to the Board, and that they are able to implement the management and strategic changes summarized in this presentation, and others.



We believe that our slate can provide new leadership and direction for Norfolk Southern.



Safety Is Our #1 Priority, Whereas Norfolk Southern Peddles a PR Narrative

Shareholder Slate and Proposed Management Team

- Instill a safety-based, accountable, disciplined workforce culture that enables employees to take ownership of their work and responsibilities.
- ✓ An operations-experienced CEO like Mr. Barber can credibly establish a culture of safety that empowers employees to stop any activity that they think is unsafe without consequences, even if it proves otherwise.
- Mr. Boychuk is a proven leader who can design a rail network that will reduce car handlings creating a safer environment.
- Network of the future implemented correctly by qualified individuals results in a safer railroad.

NSC's Current Board and Management Team

- Permitted the current lax operating culture and associated lack of discipline that have translated into operational and safety deficiencies.
- × East Palestine derailment and associated ineffective response happened under their purview.
- Post derailment, they hired Atkins Nuclear Secured ("ANS") to perform an independent safety assessment.
 - × ANS has no relevant railroad industry experience.
 - Further, ANS reports directly to Mr. Shaw as opposed to an independent subcommittee of the Board.
- The Norfolk Southern safety overhaul is rife with conflicts of interest and structured to allow the Company to control the narrative.



The Problem:

Ineffective Management, Failed Strategy, Lax Oversight and Absent Accountability

The Board's Appointment and Supervision of Mr. Shaw Demonstrates Poor Judgment

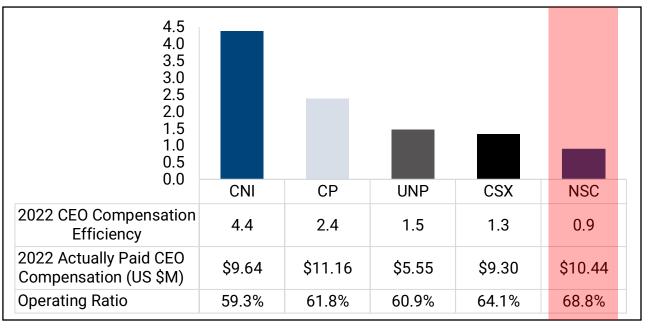
- Given an opportunity to refine Norfolk Southern's strategy under the leadership of a new CEO, the Board instead concluded its search process by appointing a 30-year Company insider who lacks operational expertise and a strong record.
- Mr. Shaw has repeatedly deemphasized productivity improvements and, ultimately, profitability to the detriment of shareholders.
- Mr. Shaw's Thoroughbred Operating Plan | Service Productivity Growth ("TOP|SPG") approach is not supported by a growthoriented track record given that Mr. Shaw was not able to execute on growth as CMO.
- NSC had a highly detailed plan intended to implement Precision Scheduled Railroading ("PSR") with its TOP-21 operating philosophy. The plan was beginning to take shape in 2020, 2021 and part of 2022 with demonstrable results until Mr. Shaw reversed key elements of the plan.
- Mr. Shaw was paid more than \$10.4 million in 2022 for Norfolk Southern's subpar results; the CEO of CSX was paid \$9.3 million for better results under virtually identical circumstances.¹ Excess compensation for inferior performance has created an incentive for management that is backwards.



Norfolk Southern CEO more than doubled his pay last year after getting promoted

GNN BUSINESS

Mr. Shaw Is One of the Top-Paid Railroad CEOs Despite Overseeing the Industry-Worst Operating Ratio

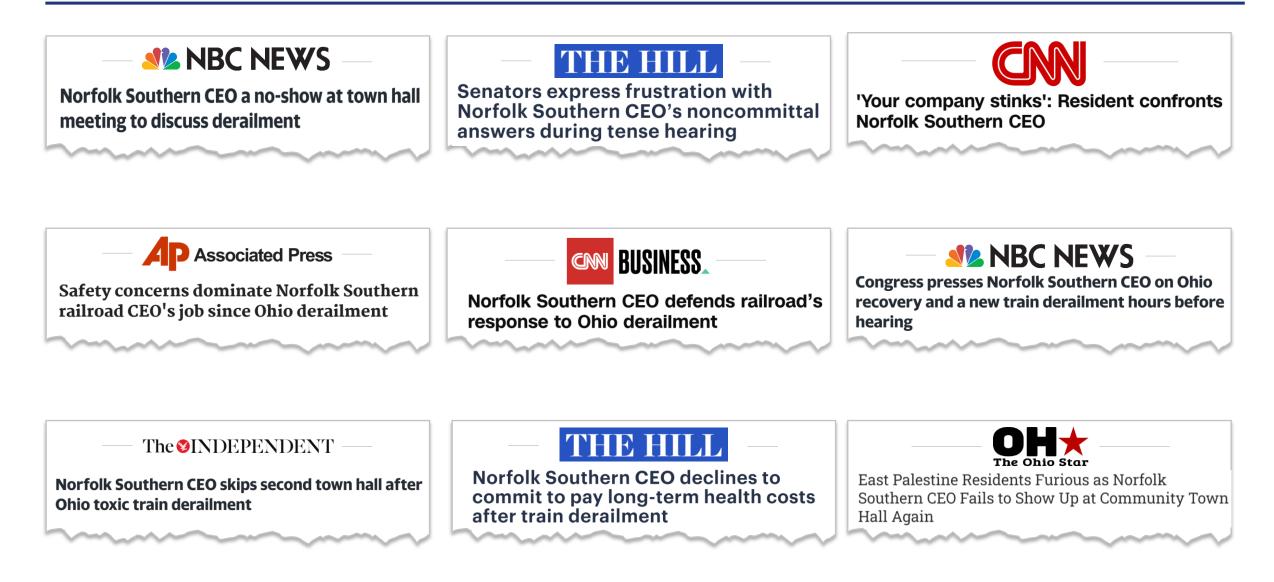


Mr. Shaw has put in place an unneeded, untried and wildly expensive growth strategy based on driving increased low margin intermodal business with an operational design that has proven detrimental to earnings and ROIC.

¹ Norfolk Southern's 2023 Proxy Statement. Chart source: Company and peer filings.



Mr. Shaw's Response to the East Palestine Tragedy Was Abysmal



NBC News article; The Hill article; CNN article; Associated Press article; CNN Business article; NBC News article; The Independent article; The Hill article; The Ohio Star article;



Mr. Shaw Has a Flawed Strategy, Which His Team Cannot Even Execute

- The TOP-21 operating strategy was released at an Investor Day in February 2019, at which time Norfolk Southern laid out an OR target of 60% by 2021.
- TOP-21 was based on responsible PSR principles with demonstrable results in 2020, 2021 and part of 2022 until Mr. Shaw reversed key elements of the plan.
- Mr. Shaw's TOP|SPG strategy is essentially a reversal of TOP-21 and was designed to build up expenses in weak times to increase profits in good times.
 - Building up expenses is unneeded.
 - The strategy is ill-conceived, has never been tried, increases cyclicality that shareholders dislike and uses incremental margins as a criterion to accelerate growth that shows topline results but destroys the bottom line and ROIC.
- Industry-leading OR target is incompatible and unachievable with emphasis on intermodal to the detriment of merchandise on-time delivery.
- Under Mr. Shaw's leadership, financial targets have fallen short of investor expectations and Norfolk Southern continues to underperform relative to peers.

The LT guidance **does not necessarily indicate urgency**. We called out NSC's LT guidance post their 2022 Investor Day as being **relatively modest in ambition** (at least relative to expectations) and mgmt... A 450 bp (high end of guidance) improvement over 3 years, **does not get NSC back to where their peers are today** (or indeed where NSC itself was a year ago), and **peers will surely continue to improve OR**... in the coming years.

> Morgan Stanley - Jan. 29, 2024

Even excluding the Ohio derailment, the company's OR is below industry peers as the company invests in service to enable growth as demand eventually recovers. While resiliency could be the right long-term move for the company, it means **NS will be more sensitive to soft volumes, and, more importantly, generate margins below the peer group**.

> STIFEL - Oct. 25, 2023



- Norfolk Southern has the same fundamental strategic objectives as every rail:
 - Reliable, on-time service.
 - Highest growth possible.
 - Deliver service in both weak and strong markets.
 - No shortage of trained people or equipment in peak times when markets cycle upwards.
- However, Norfolk Southern under Mr. Shaw promised a new rail strategy to achieve these goals:
 - Abrupt shift in 2022 from PSR principles to the opposite of PSR and described as the "resiliency model."
 - Carry higher resources / costs (i.e., manpower, locomotives and cars) at all times with the objective of picking up extra market share from under-resourced trucks and rail competitors when market conditions move from slow to robust.
 - The market share gain would generate profits substantially in excess of the increased costs.
 - Emphasize and accelerate intermodal growth over merchandise by changing 180 of 200 train schedules during 2023 and changing the composition of a substantial portion of merchandise car consists away from point of origination, enroute or near customers to blocking at flat classification yards and reopened hump yards, such that the tracks are clear of congestion caused by merchandise permitting intermodal trains to reach their destination unimpeded.
 - Use incremental margins to decide whether to onboard a piece of new business if it is accretive to Norfolk Southern's overall OR (currently 68%).
 - Use of these boarding criteria would enable faster intermodal growth.
 - Do not use OR as an objective.



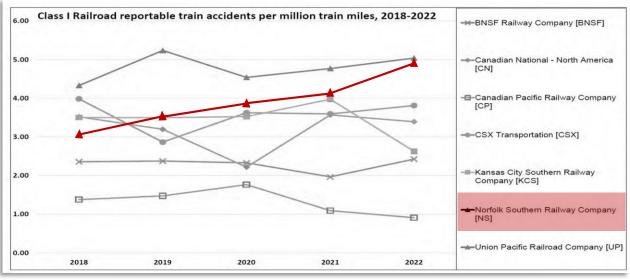
Why TOP/SPG (the "Resiliency Model") Is Flawed

- Despite such excess resources, Norfolk Southern's operation is unable to handle current trough volumes as measured by inferior trip plan compliance metrics, the large number of cars online, the mediocre 72% on-time arrival record, the high ratio of cars online to carloads, the large number of cars kept waiting 48 hours or more for crews or power, the high recrew rate, etc.
- Leadership has enacted erratic changes of yard missions between car classifications at points of origin versus centralization in major yards. Result is NSC cars are switched 2.6x on average vs CSX at 1.3x.
- Adding more assets labor, locomotives and freight cars to deal with delays and wait times, on an already congested system (highlighted as an objective by Mr. Shaw repeatedly) leads only to more congested lanes.
- A pricing and operation design strategy enabling intermodal to grow at an accelerated rate will lead to even further congestion since 3-4 intermodal carloads are needed to equal profits of 1 merchandise carload.
- Favoring intermodal over merchandise by the operational configuration of using yards increases the number and higher probability of
 missed connections and delays, hence damaging the Company's lower growth but higher margin base business, which tends not to
 move back and forth to truck as readily as intermodal.
- Heavy use of yards: without tight yard management and best-in-class operating metrics, these are expensive, difficult to manage internally necessitating exceedingly high external connections that become choke points.
- Leadership has enabled a culture that lacks intensity, a lack that is amplified by tolerance to surplus resources and a lack of accountability. That culture and associated lack of discipline translate into operational and safety deficiencies as demonstrated by the ineffective response to the East Palestine derailment.
- Use of "accretive to the OR" and "incremental margins" underpinning intermodal growth strategy is tantamount to taking on volume that does not cover its own fully-allocated costs and, worse, is eating up network capacity. If capacity is viewed as "free," the network will face continual congestion and consequently higher capex.



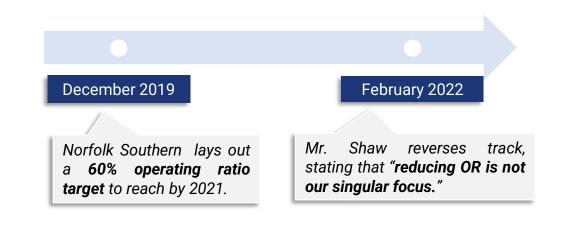
Yet the Board Is Focused on "Saving Face" – Not Course Correcting

- Rather than benchmarking Norfolk Southern's performance against other Class I railroads, the Board is looking forward to contrasting 2024's results with 2023's underwhelming achievements.
- The Board has not held management accountable for failing to provide consistent quantitative metrics against which to track Norfolk Southern's progress relative to peers.
- At the 2019 Investor Day, Norfolk Southern introduced several metrics that have since disappeared from management's reporting under Shaw.



<u>The Board Has Sat Idle While Norfolk Southern's Accident Rate Rises –</u> <u>Despite Mr. Shaw's Strategy Promising Safety Improvements</u>

The Board Has Allowed Management to Abandon Operating Targets Without Consequence



Source: FRA Norfolk Southern Safety Assessment.



Strong Boards Demand Accountability Following Major Failures

The New York Times

BP Moves Chief Executive to Lesser Role in Spill Response



A day after he came under relentless attack at a Congressional hearing, the BP chief executive, Tony Hayward, was pushed aside as the man in charge of the company's response to the oil spill in the Gulf of Mexico.

"It is clear Tony has made remarks that have upset people," Carl-Henric Svanberg, the chairman of BP's board of directors, told the British television network Sky News on Friday.



Boeing CEO Pushed Out as Company Reels From 737 MAX Debacle



Boeing Co. BA -0.53% ▼ ousted Chief Executive Dennis Muilenburg as the company struggles with an extended crisis caused by two fatal crashes of its 737 MAX jetliner and friction with regulators over returning the grounded planes to service.



Wells Fargo CEO John Stumpf Resigns Amid Scandal



Wells Fargo has been hammered in recent weeks by critics who say the bank unfairly took advantage of customers to meet sales targets. In September, the bank agreed to pay \$185 million to settle charges that it had opened as many as 2 million accounts without the knowledge or approval of customers.

The bank's board already had sought to discipline Stumpf by requiring him to forfeit \$41 million in unvested equity.



The Evidence: Underperformance, Shrinking Margins and Tone-Deaf Crisis Response

Norfolk Southern Has Been a Long-Term Underperformer

	2022 Investor Day to Jan. 31, 2024	Since Announcing Shaw as CEO to Jan. 31, 2024	One Year to Jan. 31, 2024	Three Years to Jan. 31, 2024
Norfolk Southern	(2.5%)	(8.6%)	(1.9%)	5.6%
CSX	15.5%	6.4%	17.1%	29.7%
Class I Railroad Median	8.4%	8.3%	11.7%	29.6%
Norfolk Southern versus CSX	(18.0%)	(15.0%)	(19.0%)	(24.1%)
Norfolk Southern versus Class I Railroad Median	(10.9%)	(16.9%)	(13.6%)	(24.1%)

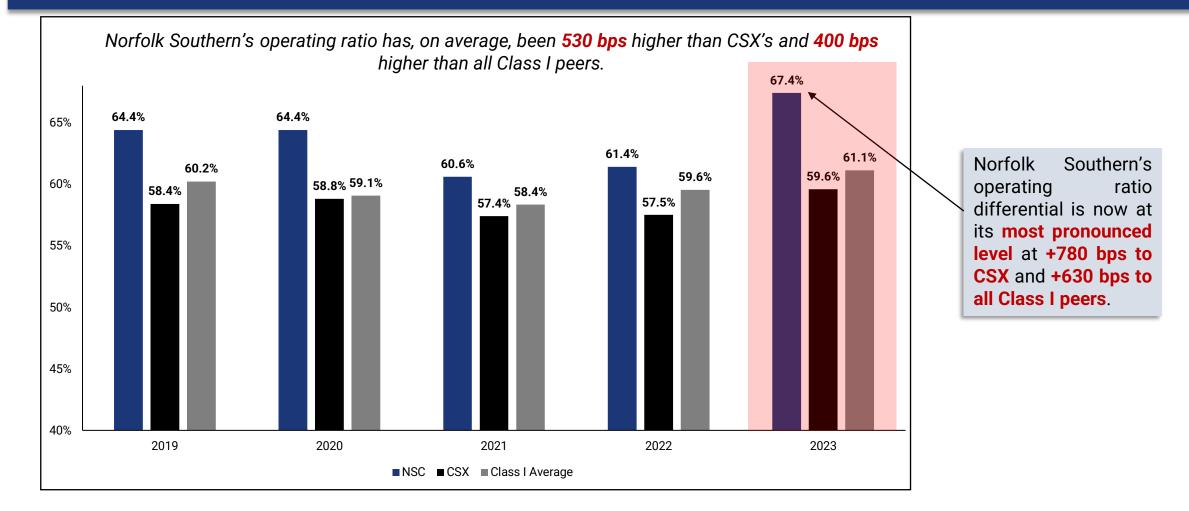
Norfolk Southern's shares have underperformed the Company's Class I railroad peers over every relevant period.

Source: FactSet, total shareholder returns as of 1/31/2024. Class I Average includes CSX, UNP, CP and CNI.



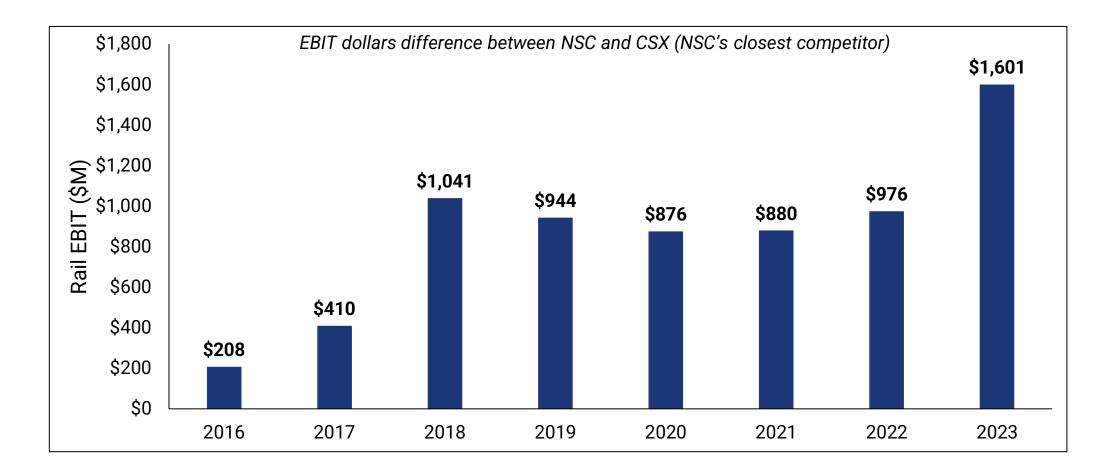
Norfolk Southern's Operating Ratio Has Consistently Lagged Its Peers

Promoting Mr. Shaw to CEO did not help decrease Norfolk Southern's high ratio of operating expenses to revenue, a key measure of profitability in the railroad industry. In fact, the Company's OR grew substantially in 2023 following the East Palestine derailment.



Source: Company filings, FactSet. Class I Average includes CSX, UNP, CP and CNI. CSX figures exclude Quality Carriers contribution to OR.





In 2023, the delta in EBIT dollars between Norfolk Southern and CSX was more than \$1.6 billion.





Outlook slide from NSC's 4Q23 Earnings Presentation

2024 OUTLOOK

- 2024 revenue growth: ~3%
- Accretive incrementals as productivity builds through the year
- CapEx flat with 2023 ~\$2.3B
 plus CSR purchase of \$1.65B that flows through CapEx

3 YEAR OUTLOOK

 Roadmap to 100-150bps margin improvement annually, narrowing gap with peers



We aren't going to give you a specific margin target, but it should result in between 100 to 150 bps of margin improvement annually on the pathway to narrow the margin gap with peers and deliver industry competitive margins.

> Mr. Shaw 4Q23 Earnings Call Jan. 26, 2024

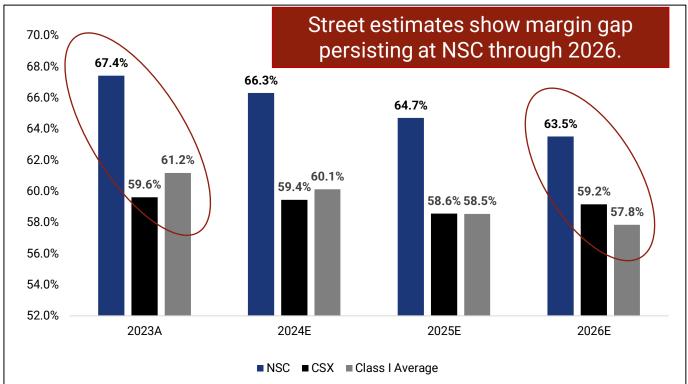
Source: Bloomberg.



Norfolk Southern Has Underperformed Peers Across All Relevant Financial Metrics

- Norfolk Southern had lower revenue, EBIT and EPS growth relative to CSX and the average Class I peer from 2019 to 2023.
- Wall Street expectations through 2026 anticipate a similar trajectory going forward despite Norfolk Southern starting from a much lower base.

His	Historical CAGR (2019 - 2023)				
	NSC	CSX	Class I Average*		
Revenue	1.9%	5.3%	3.7%		
EBIT	-0.3%	2.9%	2.8%		
EPS	3.2%	7.6%	6.4%		

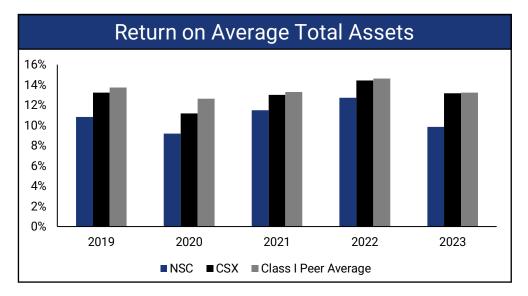


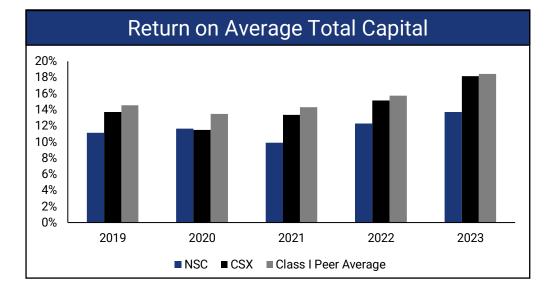
Analysts have no confidence in current Company leadership's ability to close the margin gap to peers.

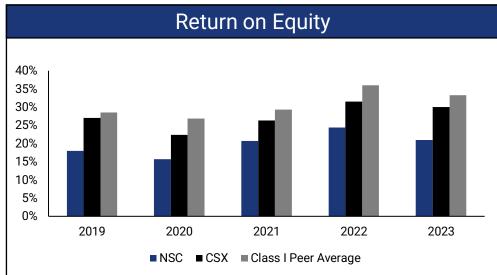
Source: Company filings and FactSet. Class I Average includes CSX, UNP, CP, and CNI. CP excluded for historical data due to KSU acquisition. Consolidated EBIT and OR assumed for historical CSX. Street expectations for OR as of 2/11/2024. CSX forward OR figures exclude Quality Carriers contribution.



Norfolk Southern Has Underperformed Peers Across All Relevant Financial Metrics (Cont.)







Source: Company filings and FactSet. Class I Peer Average excludes Canadian Pacific in FY 2021 to 2023 due to accounting anomaly from Kansas City Southern acquisition.

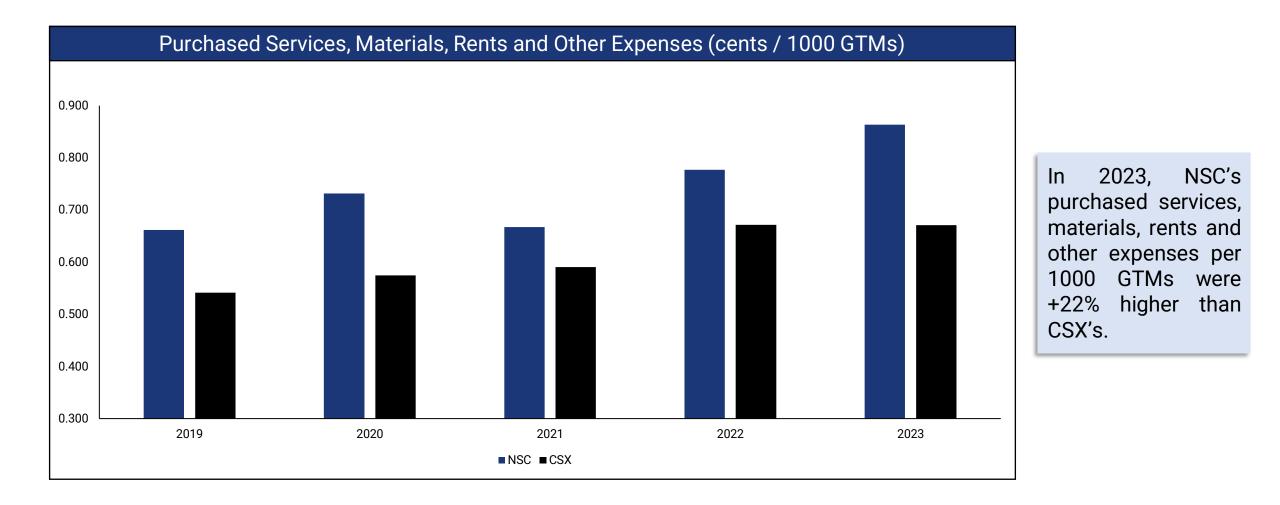


Norfolk Southern vs. CSX Operating Expense Breakdown				
Expense Line Items	% of Rail Revenue		% difference on per GTM Basis Higher / (Lower)	
<u>FY 2023</u>	<u>NSC</u>	<u>CSX</u>	<u>NSC vs. CSX</u>	
Compensation and benefits	23.2%	22.5%	+7.5%	
Fuel	9.0%	8.9%	+5.7%	
Depreciation	10.7%	11.0%	(9.4%)	
Purchased services, materials, rents and other expenses	23.9%	19.5%	+22.3%	

Source: Company filings. CSX figures based on rail revenue and excludes estimated expense contribution from Quality Carriers.



Norfolk Southern Has Underperformed Peers Across All Relevant Financial Metrics (Cont.)

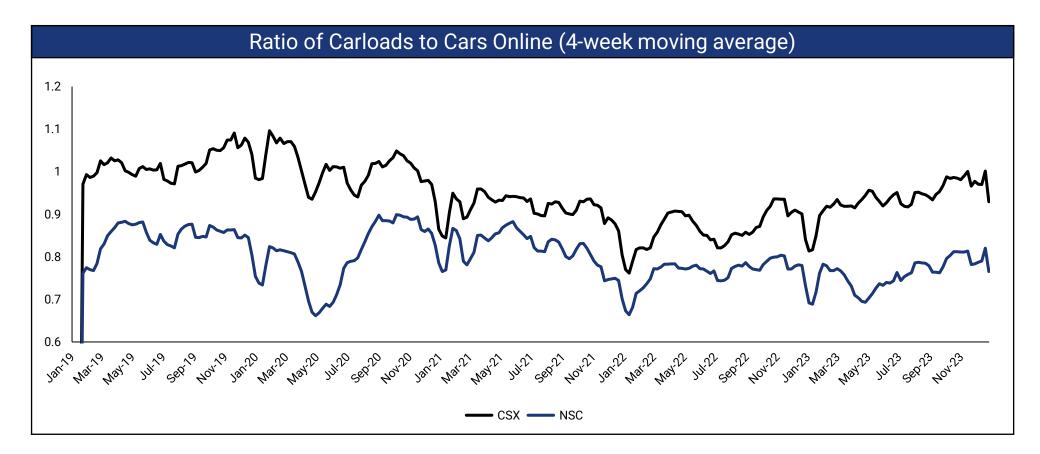


Source: Company filings. Measures purchased services, rents, materials and other expenses per gross ton mile. CSX figures exclude contribution from Quality Carriers. Estimated impact from Quality Carriers is \$140M/quarter beginning 3Q 2021.



Norfolk Southern Has Too Many Rail Cars on Its Network

- Since 2019, Norfolk Southern's ratio of carloads to cars online is ~15% worse than CSX's on average.
- This trend has only worsened under Mr. Shaw's tenure as CEO with the current difference -20%.
- This is the critical ratio that railroaders use to measure fluidity and efficiency of the network.

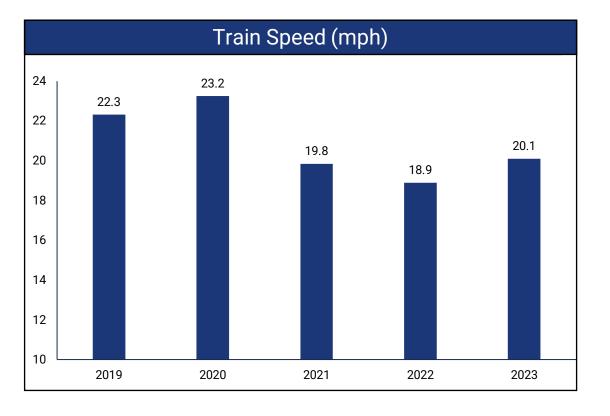


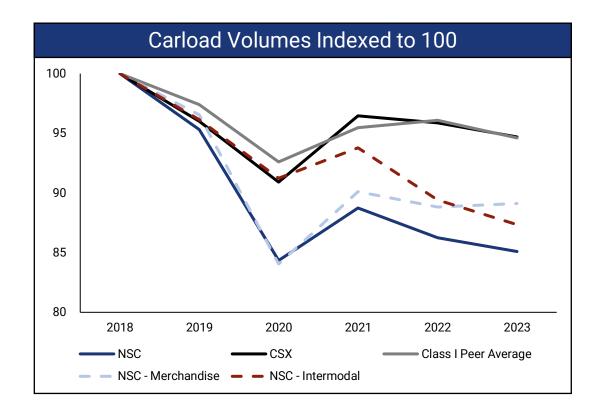




Norfolk Southern Has Reported Lower Train Speeds and Volume Declines

- Norfolk Southern's deteriorating service levels have resulted in volume declines worse than CSX and other Class I rail peers.
- In 2023, Norfolk Southern's carload volumes were ~15% below 2018 levels.
- The Company has cited improving train speeds in recent investor presentations; however, train speeds remain ~10% below 2019 train speed levels and these recent train speeds are on depressed levels of volume in the Norfolk Southern network.



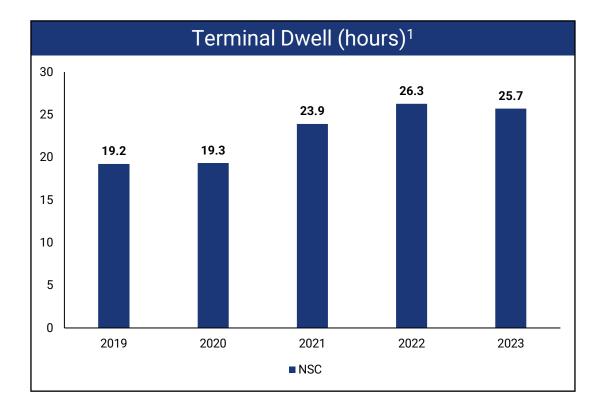


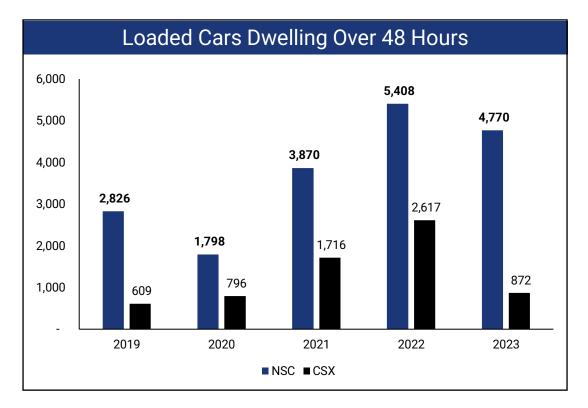
Source: Surface Transportation Board and company filings. Train speed is the average for the year.



Norfolk Southern's Rail Cars Are Waiting For Longer

- Norfolk Southern's 2023 terminal dwell, or the time a rail car spends in a terminal awaiting movement toward its destination, was ~25% worse than in 2019.
- Similarly, NSC had 3.3x the number of loaded cars that dwell longer than 48 hours without movement relative to CSX in 2023.



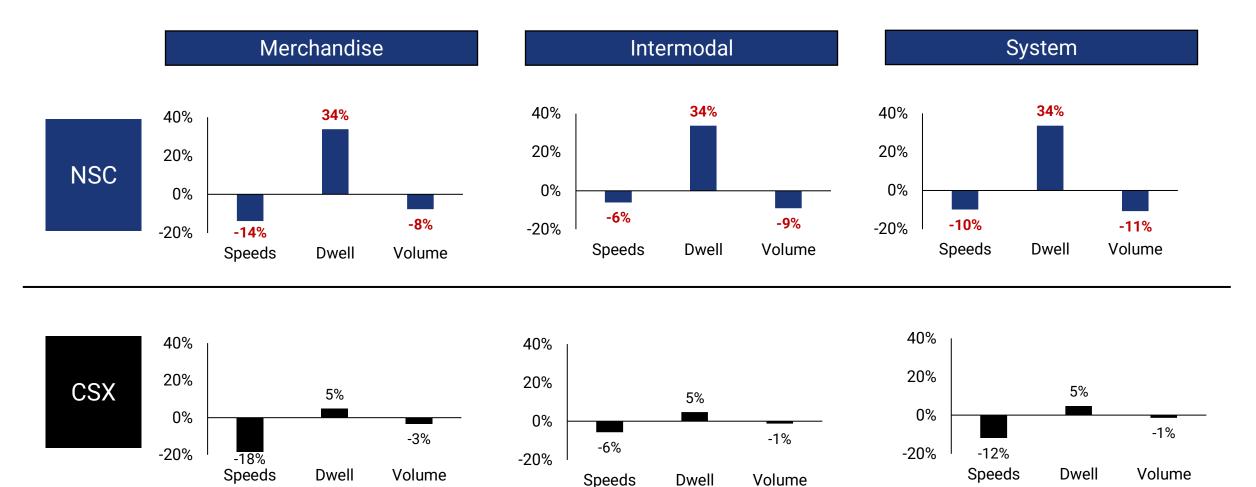


Source: Surface Transportation Board and company filings. ¹Terminal dwell is the average for the year.



Norfolk Southern's Operations Have Not Improved

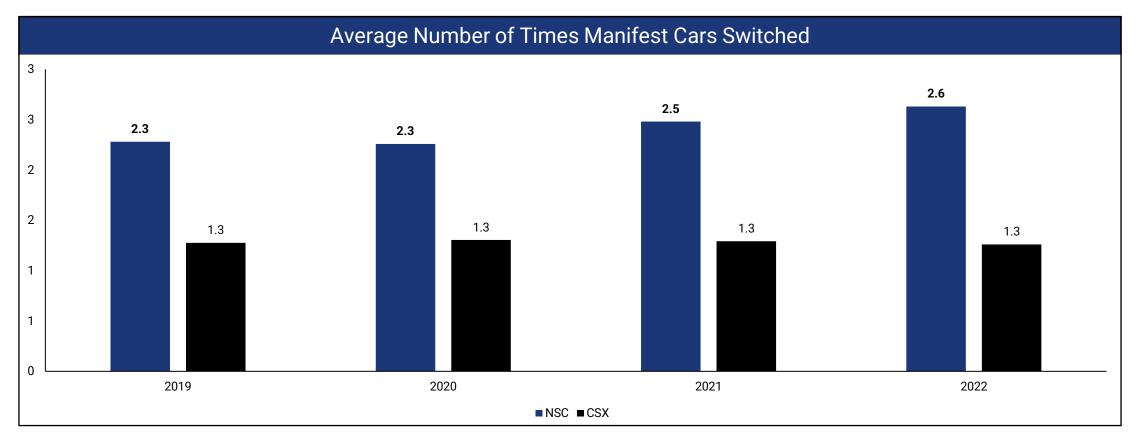
Train Speeds, Terminal Dwell and Volume: Percentage Change of Norfolk Southern vs. CSX From 2019 to 2023





Norfolk Southern Switches Rail Cars Too Often

- Norfolk Southern switched manifest cars more than 2x as often as CSX in 2022, extending a gap evident in prior years.
- Increased railcar switching requires a vast number of on-site workers, heavy use of yards, numerous on-time arrivals, departures, yard throughput and on-time availability for both power (locomotives) and crews, and can add as much as three days to the duration of the trip.
- Norfolk Southern's average number of switches has increased ~15% since 2019.

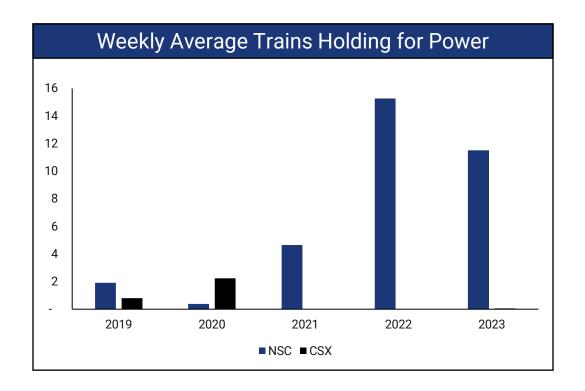


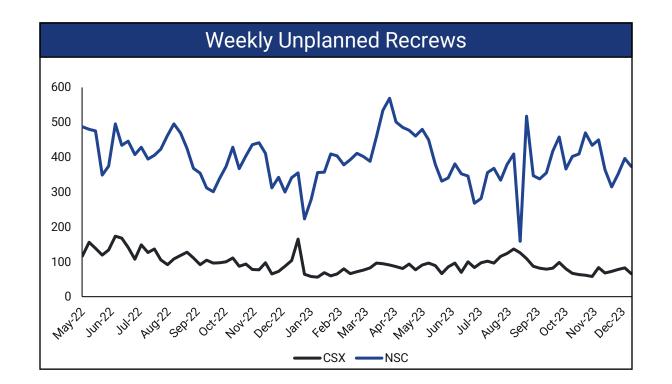
Source: Company filings (R1 Annual Report).



Norfolk Southern Experiences More Delays and Recrews

- In 2023, Norfolk Southern had an average of 11.5 trains per week held/delayed due to lack of necessary locomotive power and crews, while CSX averaged fewer than one train per week.
- In 2019 and 2020, Norfolk Southern was roughly in line with CSX, but the gap has widened in the last three years.
- Since the Surface Transportation Board ("STB") began requiring disclosure of weekly unplanned recrews beginning in May 2022, Norfolk Southern has averaged more than 4.3x the number of unplanned recrews relative to CSX, despite having >800 more train and engine service employees.



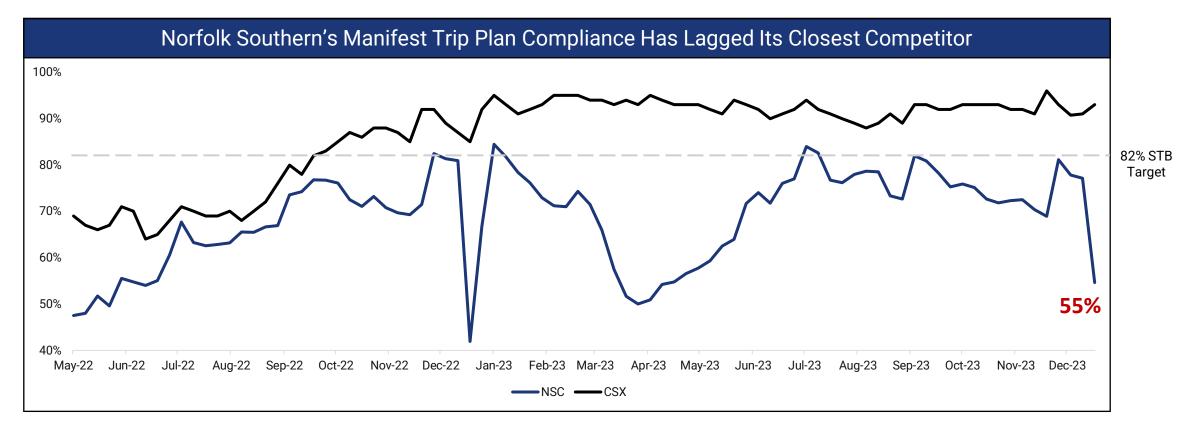


Source: Surface Transportation Board and company filings. Data from May 13, 2022 through the week of December 22, 2023.



Norfolk Southern Is the Only Class I Railroad That Failed to Hit the STB's Improvement Targets

- The STB issued an order requiring all Class I carriers to submit reports on rail service, performance and employment metrics beginning in May 2022.
- These metrics include trip plan compliance, which measures the availability of the railcar at its destination compared to the
 estimated time of arrival created when the shipment is first picked up by the railroad.
- Norfolk Southern is the only company to fall short of the STB's 82% trip plan compliance target and the Company's recent trip plan compliance has been on a downward trajectory.



Source: Surface Transportation Board. Data from May 13, 2022 through the week of December 29, 2023.



Norfolk Southern Botched Its Response to East Palestine Crisis

A Norfolk Southern train derails in East Palestine and ignites a fire, threatening tank cars carrying hazardous materials.		CEO Alan Shaw does not attend East Palestine town hall.		 (Norfolk Southern] seems more concerned with compliance with minimum safety requirements rather than understanding and seeking to address safety concerns that fall outside the boundaries of existing rules and regulations. " U.S. Dept. of Transportation Federal Railroad Administration Safety Assessment 		 we incurred \$1.1 billion of expenses [as a result of the East Palestine ,, derailment]. Norfolk Southern Form 10-K for fiscal year 2023
Feb. 3, 2023 📏	Feb. 6, 2023	Mar. 3, 2023	Mar. 7, 2023	> Aug. 4, 2023	Sep. 20, 2023	Feb. 5, 2024
A controlled vent and burn of the contents of five derailed tank cars , all of which contained vinyl chloride , i s conducted.		The NTSB opens a special investigation into safety practices at Norfolk Southern because of five significant accidents since December 2021, including the East Palestine derailment.		President Joseph R. Biden issues an executive order "to ensure that Norfolk Southern continues to be held accountable for this disaster " - President Joseph R. Biden Executive Order		

The Board and management's flawed response is costly: Norfolk Southern has reserved \$1.1 billion in charges so far as a result of the 2023 derailment in East Palestine.¹

¹ Company Form 10-K for fiscal year 2023.



Our Slate's Solution: New Board and Management With a New, Safety-First Strategic Vision

Our Slate Has the Right Experience to Move Norfolk Southern Forward



Betsy Atkins

- **Capital Allocation:** CEO and Founder of Baja Corp., a venture capital firm that has focused on software and technology since 1993.
- Governance: Director of SL Green Realty Corp. (NYSE: SLG), SolarEdge Technologies, Inc. (Nasdaq: SEDG) and Enovix Corp. (Nasdaq: ENVX).
- IT and Cybersecurity: Chair of Google Cloud's advisory board and advisor to Jamf Holding Corp. (Nasdaq: JAMF).
- Executive Experience and M&A: CEO and Chair of Clear Standards, Inc. (2009, acquired by SAP), NCI, Inc. (1991 to 1993), and Key Computer Laboratories, Inc. (1989, acquired by Amdahl).



Jim Barber, Jr.

- Executive Experience, Logistics, Operations: 35 years at UPS (NYSE: UPS), beginning as a driver and ending as COO and President from 2018 to 2019.
- Int'l Business: Head of UPS International from 2013 to 2018.
- **M&A:** Worked in UPS's Mergers and Acquisitions Group, oversaw multiple key acquisitions and integration processes.
- Governance, Logistics and Transportation: Director of C.H. Robinson Worldwide, Inc. (Nasdaq: CHRW) and U.S. Foods Holding Corp. (NYSE: USFD).
- **Finance:** Audit committee financial expert.



William Clyburn, Jr.

- **Regulation:** Commissioner and Vice-Chairman of U.S. Surface Transportation Board from 1998 to 2001.
- Legislation: Senior Advisor to two Senators and various roles on transportation-related Senate Committees.
- **Gov't Relations:** Principal at Clyburn Consulting, advises transportation and telecommunications clients on governmental issues and processes.
- Legal: Clerked for Circuit Court Judge for the Second and Ninth Circuits, South Carolina; Member of SC Bar.
- **Engineering:** Engineer at Westinghouse's Savannah River Laboratory.

Former railroad regulator with 30 years of experience in all three branches of the U.S. government.



Nelda Connors

- M&A, Finance and Valuation: Founder/CEO of Pine Grove Holdings, an investment company.
- **Governance:** Director of Baker Hughes (Nasdaq: BKSR), Zebra Technologies Corp. (Nasdaq: ZBRA) and Otis Worldwide (NYSE: OTIS).
- Executive Experience and Transportation: President and CEO of Atkore International, Inc. from 2008 to 2011, previous executive roles at Eaton Corp., Ford Motor Company and Chrysler Corporation, Advisor to Nissan North America and Vibracoustic.
- **Capital Markets:** Former Class B Director of the Federal Reserve Bank of Chicago.

Former automotive industry executive with significant operational, engineering, risk management, human resources and financial expertise.

Corporate governance expert and repeat CEO with experience in capital allocation decisions, power storage, information technology and M&A.

MOVE NSC FORWARD Shipping and logistics industry veteran with significant experience in finance, strategic planning and risk management.

Our Slate Has the Right Experience to Move Norfolk Southern Forward (Cont.)



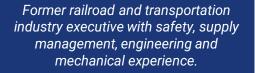
Sameh Fahmy

- Experience, Executive Railroad Operations: EVP of Precision Scheduled Railroading at Kansas City Southern from 2019 to 2021; Optimization Consultant at CSX (Nasdag: CSX) from 2017 to 2019; SVP at Canadian National (NYSE: overseeing CN) engineering, mechanical supply and management.
- Governance, Railroad and Int'l Business: Former director of Rumo Railway (BVMF: RAIL3) and previously worked at the Association of American Railroads and Amtrak.
- Audit: Chartered Professional Accountant.



John Kasich

- Governance and Regulatory: Governor of Ohio from 2011 to 2019; Governing the seventh largest state, he significantly improved Ohio's business climate, reducing needless red tape and regulations, streamlining operations and creating a private economic development entity. His fiscal and managerial stewardship produced cumulative surpluses of nearly \$3 billion.
- Legislation: Chaired the House Budget Committee from 1995 to 2001. A chief architect of a balanced federal budget for four years – a feat not accomplished since.
- Finance: Investment Banking Managing Director, Lehman Brothers from 2001 to 2008. Served on corporate boards including Worthington Industries, Instinet and Invacare. Founder of the Kasich Company, which advises companies on establishing critical connection to customers, capital and thought-leadership that can create new opportunities for success.



Former Ohio governor and congressman with significant regulatory, legislative and executive policy experience. Former private equity CEO and public company board member with 35 years of experience in the railroad and transportation industries.

Gilbert Lamphere

M&A and Finance: Chairman of

MidRail Corp., a privately-held freight

rail company, since 2016; Chairman

of Illinois Central from 1990 to the

1998 sale to Canadian National: Co-

Founder of MidSouth Rail Corp,

which was sold to Kansas City

Southern in 1994: Director of

privately-held Florida East Coast

Governance: Director of Canadian

National (NYSE: CN) from 1998 to

2005 and CSX Corp. (Nasdag: CSX)

Railway from 2005 to 2007.

from 2008 to 2015.

Experience,

Railroad, Executive



Allison Landry

- Strategy, Finance: Lead Equity Research Analyst at Credit Suisse for the U.S. transportation sector, covering Class I railroads, logistics, trucking and parcel/airfreight from 2005 to 2021.
- Governance: Director of XPO, Inc. (NYSE: XPO). In her role as Vice Chair of the Board and Chair of the Nominating and Governance Committee, she has been integral in assisting the company its operational turnaround. Since these initiatives have been announced, XPO stock has increased ~250% from April 2023.
- **Transportation:** Strategic advisor and member of the Windrose Technology advisory board.
- Audit: Senior Accountant at OneBeacon Insurance Company from 2001 to 2005.

Former U.S. transportation and logistics sector analyst with extensive corporate governance and compensation expertise.



The Winning Ticket: Jim Barber as CEO and Jamie Boychuk as COO

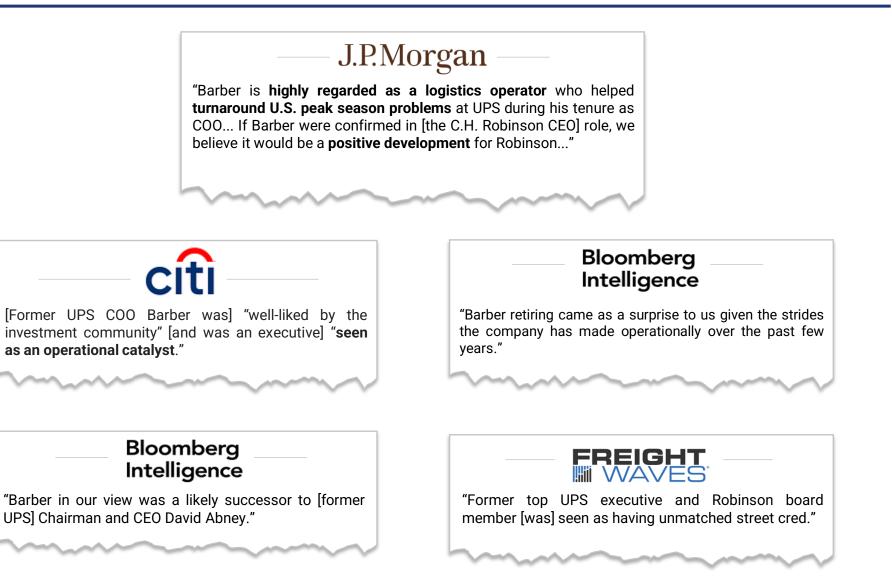






Our CEO Candidate Has the Investment Community's Respect







Jim Barber Has Stronger CEO Credentials and a New Strategy



Jim Barber, Jr.

- Extensive and hands-on operational experience beginning as a driver at UPS and ending as COO and President.
- Track record of executing numerous growth strategies at UPS, overseeing UPS' vast network outside the U.S. and helping push the company into more emerging markets.
- Largest U.S. rail and long-time Norfolk Southern customer.
- Deep experience in logistics and international operations as President of UPS International and a director of C.H. Robinson.
- Financial expert with experience overseeing acquisitions and integrations.



Alan Shaw

- Non-operating background in marketing and sales, industrial development, real estate and customer relations. Was in coal, chemicals and financial staff roles during his first 20 years at Norfolk Southern.
- × Failed to deliver growth as CMO of Norfolk Southern.
- Supposed expert in "relationship building" and "customer relations" despite disastrous response of East Palestine aftermath.
- Overseen worsening operating ratio and profit margins at Norfolk Southern.
- Lack of independent perspective and corporate governance expertise, after 30+ years at the Company, with no public company board experience outside of Norfolk Southern.

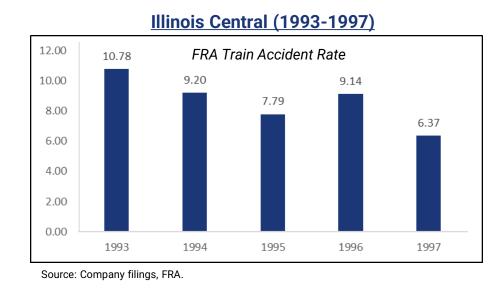


Our Slate Has Proven Railroad Industry and Well-Rounded Experience

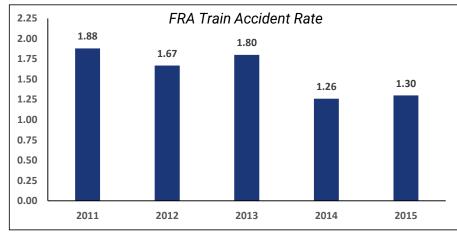
		BARBER, JR.	CLYBURN, JR.	CONNORS	FAHMY	KASICH	LAMPHERE	
RAILROAD OR TRANSPORTATION EXPERTISE		\checkmark	\checkmark	\checkmark	\checkmark		\checkmark	\checkmark
LOGISTICS & SUPPLY CHAIN MANAGEMENT		\checkmark			\checkmark			\checkmark
GOVERNMENT AFFAIRS		\checkmark	\checkmark			\checkmark		
HUMAN CAPITAL MANAGEMENT & COMPENSATION		\checkmark				\checkmark	\checkmark	
EXECUTIVE EXPERIENCE	\checkmark	\checkmark		\checkmark	\checkmark	\checkmark	\checkmark	
FINANCE, ACCOUNTING & STRATEGY	\checkmark	\checkmark		\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
PUBLIC COMPANY BOARD EXPERIENCE	\checkmark	\checkmark		\checkmark	\checkmark		\checkmark	\sim
ENVIRONMENTAL & SAFETY		\checkmark	\checkmark	\checkmark	\checkmark		\checkmark	\checkmark
TECHNOLOGY	\checkmark			\sim	\checkmark		\checkmark	
INDEPENDENT OF PAST ERRORS	\checkmark							



Railroads Have Seen Safety Metrics Improve Once Scheduled Railroading Principles Were Implemented



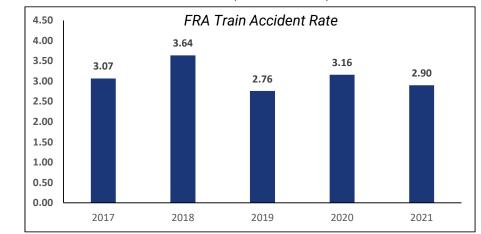
Canadian Pacific (2011-2015)



Source: Company filings, FRA.



CSX (2017-2021)

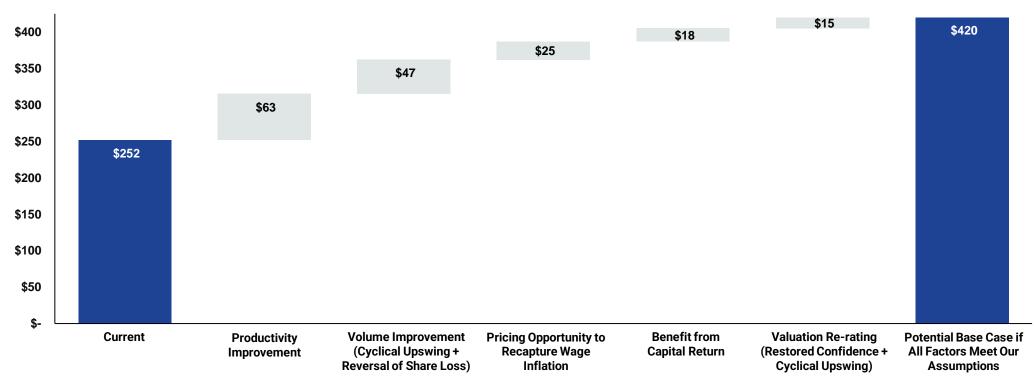


Source: Company filing, FRA.

MOVE NSC FORWARD

The Value Creation Opportunity at Norfolk Southern

 As demonstrated below, there are at least five areas where we have modeled potential upsides for Norfolk Southern shareholders over the next several years. Our model is based on assumptions we have made, including that our entire slate is elected to the Board, and that they are able to implement the management and strategic changes summarized in this presentation, and others.



We believe that our slate can provide new leadership and direction for Norfolk Southern.



Appendix

Why Mr. Shaw's TOP/SPG Strategy Is Flawed

• Carrying high overhead to gain market share.

- This strategy is untested, hypothetical analytically unsubstantiated and depends on competitive responses and market conditions including truck pricing. There is no basis for suggesting it works. The factors which could or prevent it working could be micro-oriented and uncorrelated with a rebound.
- No other railroad is pursing this strategy or ever has.
- Every railroad is maintaining a buffer to be prepared for any surge in market conditions.
- Norfolk Southern's strategy is very expensive; no other railroad sees it as necessary to carry this high expense level or sees a correlation between increased overhead, manpower and equipment as necessary to be competitive and deliver on-time service in an upturn.
- Norfolk Southern assumes publicly that "market conditions will change... they always do" (per numerous public statements from Mr. Shaw). But the severe trucking pricing was unforeseen by Norfolk Southern. And economic activity could be recessionary/soft for a prolonged time so that the strategy's costs would overwhelm hypothetical market share profits.
- Creates increased cyclicality by adding permanent fixed expense layer. The market punishes with lower valuation multiple even if higher top line growth with lower margins.



Why Mr. Shaw's TOP/SPG Strategy Is Flawed (Cont.)

- Altering operation to clear congestion for intermodal through trains.
 - Reversing the strategy of blocking merchandise consists at point of origination or enroute and forcing them instead into yards has resulted in the number of switches per car to be 2.6x vs. 1.3x for CSX. This higher number of switches is directly related to a less safe environment as it creates more opportunities for negative incidents.
 - Each switch requires 1) the train to arrive at the yard on time 2) the yard processes the car accurately and on time 3) the outbound train (power) is on time 4) the outbound train has a crew with sufficient time on shift. This is four connections to be made.
 - 2.6x switches means the majority of cars are entering three yards necessitating 12 connections.
 - The result is too many opportunities for a single missed connection which prevents a merchandise car to arrive on time. Hence the large number of cars online, the mediocre 72% on time arrival record, the high ratio of cars online to carloads, the very large number of cars kept waiting 48 hours or more for crews or power, the high recrew rate.
 - Hump yards, which they have had to reopen to handle consist composition, are mechanically and labor intensive and therefore expensive, requiring heavy maintenance expense.
 - Without a balanced flow in bound (without which there are peaks and valleys and hence congestion in the yard and heavy overtime), and tightly enforced metrics (affecting on time processing) connections are missed, trip plans lengthened and arrival times missed.



Why Mr. Shaw's TOP/SPG Strategy Is Flawed (Cont.)

- A pricing and operation design strategy enabling intermodal to grow at an accelerated rate will lead to even further congestion.
 - On average it takes three to four intermodal cars to equal the EBIT of one merchandise car.
 - Three to four intermodal cars is true even assuming a wide variety of assumptions for double stack vs. single containers, marginal cost assumptions, empty charges, large growth without capex to support low margin intermodal business.
 - To keep intermodal train lanes free forces more merchandise growth into delay-prone yards.
 - Given the three to four ratio, to move the needle on profits implies a great number of more cars online and congestion.
 - Adding more assets labor and locomotives to deal with delays and wait times, on an already congested system (highlighted as an objective by Mr. Shaw repeatedly), leads only to more congested lanes.
 - Most of Norfolk Southern's southern routes are single track and unable to accommodate large growth without capex to support low margin intermodal business.
- Favoring intermodal over merchandise by the operational configuration of using yards increases the probabilities of missed connections and delays, hence damaging Norfolk Southern's lower growth but higher margin base business which tends not to move back and forth to truck as readily as intermodal.



Why Mr. Shaw's TOP/SPG Strategy Is Flawed (Cont.)

- Use of "accretive to the OR" and "incremental margins."
 - A short-term strategy that accelerates rapid onboarding of lower margin intermodal.
 - Is misleading accounting allocation of fixed costs, cost of depreciation and cost of capital to higher margin, lower growth bulk and merchandise which have pricing power to absorb higher fixed cost allocations.
 - Inflates growth in revenues from the easier, larger and faster growth intermodal market.
 - Results in higher top line but lower bottom line in relation to top line. Over time the overall OR goes up. Taken to the
 extreme NSC has a heavy intermodal percentage of mix, becomes a less profitable OR 75 company with lower ROIC
 with continued high capex and maintenance necessary to maintain heavy load track structure for merchandise and
 bulk.
 - Cash flow and share buybacks decline.
 - Valuation multiple eventually declines as market finally equates high top line growth to high fully allocated costs to intermodal.
 - Conclusion: Clever but flawed and misleading accounting leading to erroneous strategic direction.
- Heavy use of yards: without tight yard management and best in class operating metrics, these are expensive, difficult to manage internally and necessitate exceedingly high external connections that become choke points.

