



Supply Chain Visibility Maturity Assessment Detail

Overview

The Supply Chain Visibility Maturity Assessment is a four stage maturity model. Your score is based on your replies to the survey questions and will place you in one of four stages: Initiation, Developing, Managed, and Optimized.

Initiation - At the beginning of the Supply Chain Visibility Journey.

Developing - In the process of developing competitive supply chain visibility capabilities.

Managed - Have deployed supply chain visibility capabilities that provides operational visibility within the supply chain.

Optimized - Have complete visibility across all points of the supply chain and use prescriptive analytics to enable pre-emptive agility.

Respondent Information

Respondent Name: *****

Company Name: *****

Industry Classification: Manufacturing

Annual Revenue: Between \$500M and \$1B

Nbr of Employees: Between 1001 & 10,000

Your Position: Business Director

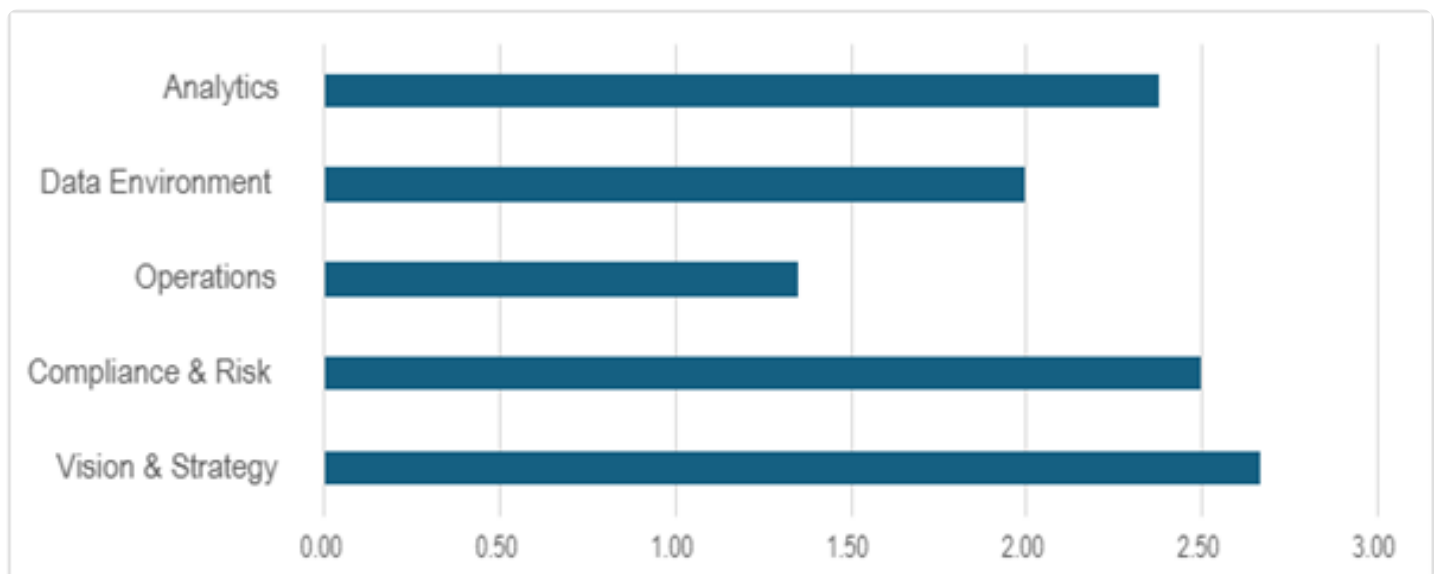
Supply Chain: B2B - Distributor

Your Overall Maturity Score

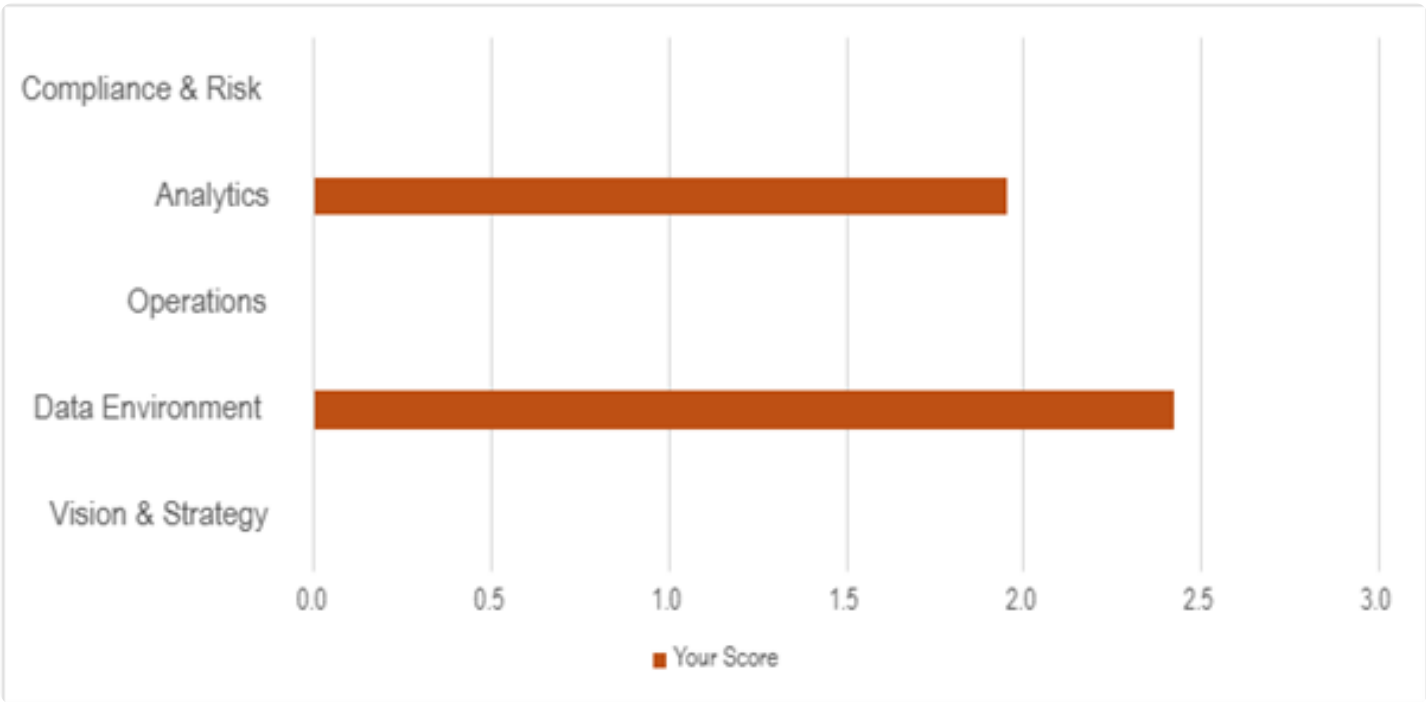
2.15

Developing

Maturity Score by Capability Classification



Comparison of Your Maturity Score to other survey respondents



Comparison to Industry Classification

Comparison to Company Size (Revenue)

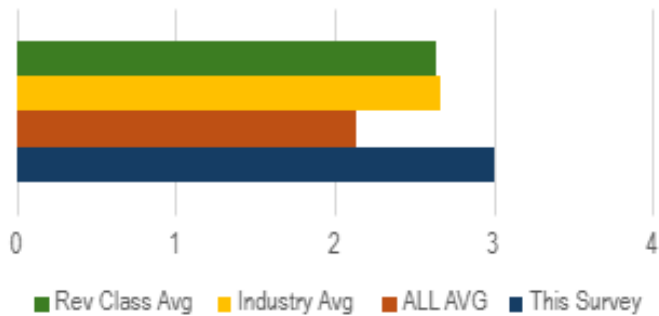
Manufacturing

Between \$500M and \$1B

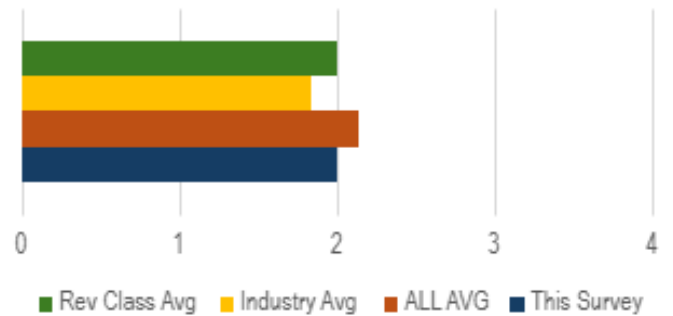


Compliance & Risk

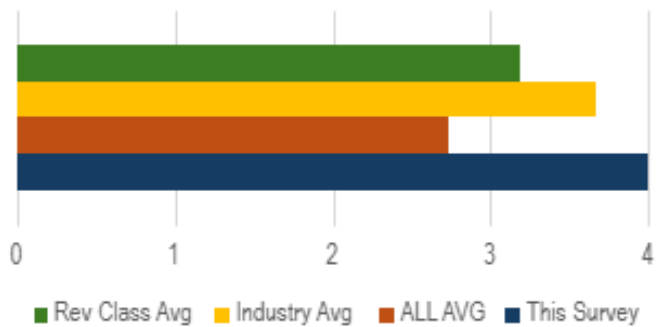
How do you currently detect potential disruptions or bottlenecks in your supply chain?



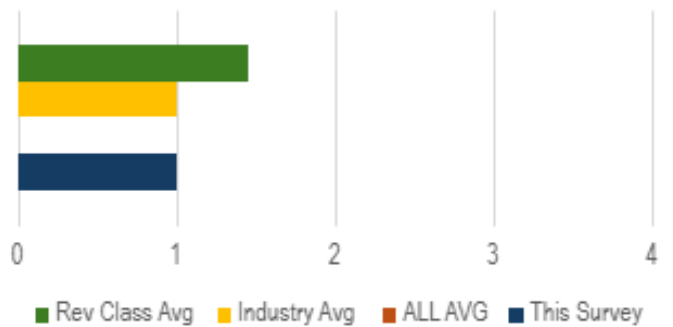
How do you identify and mitigate risks in your supply chain, and how does visibility play a role?



How do you ensure compliance with industry regulations and standards for ESG ?

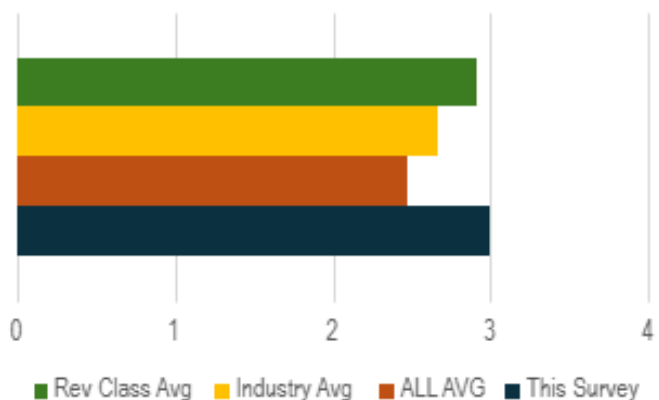


Are you able to demonstrate compliance through end to end visibility?

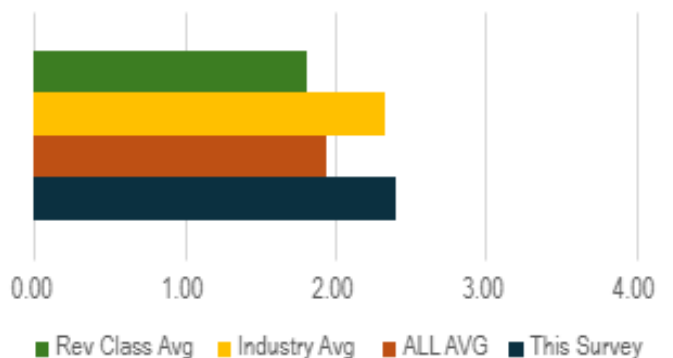


Analytics

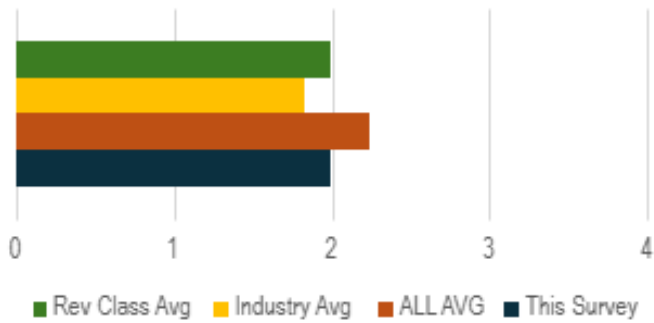
How do you make inventory decisions to optimize inventory performance?



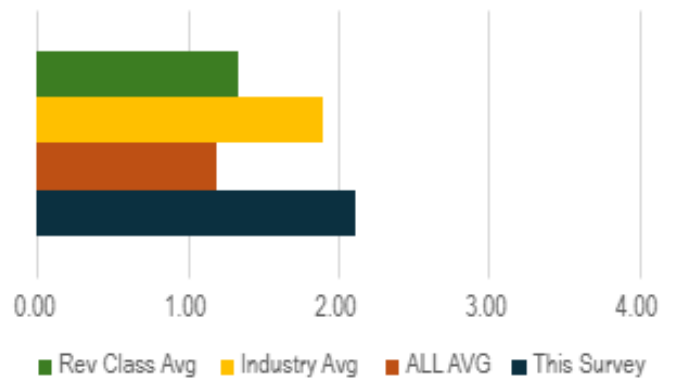
What key performance indicators do you track to measure supply chain visibility & performance?



What best describes your use of IoT devices, RFID, or other similar technologies for inventory tracking and monitoring?

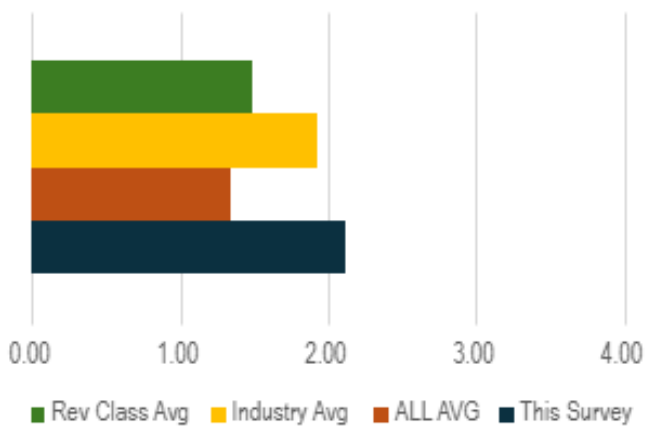


What type of analytics are deployed to support your supply chain visibility initiatives?



Operations

How are supply chain decisions made in your current environment?



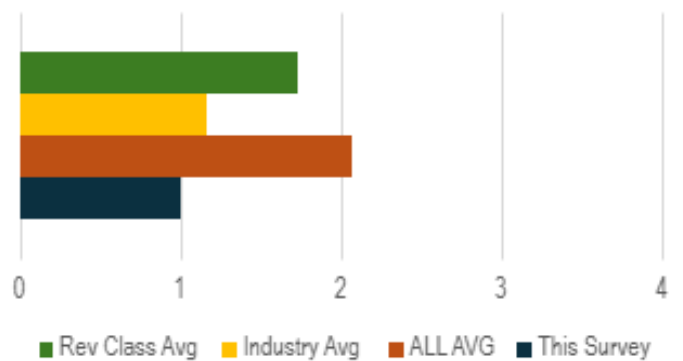
How do you monitor your supply chain for events and issues?



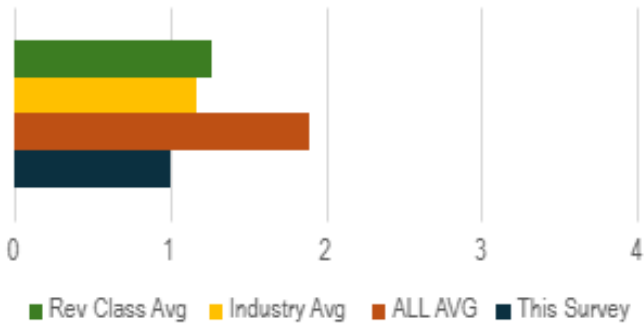
What best describes your ability to track components and finished goods across your supply chain?



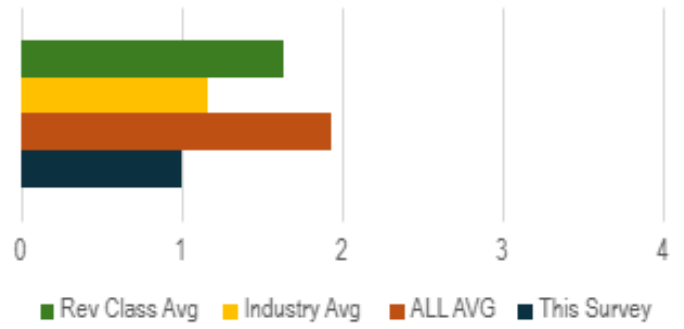
What best describes your ability to track the movement of goods during transportation?



What best describes your ability to collaborate and share information with supply chain partners?

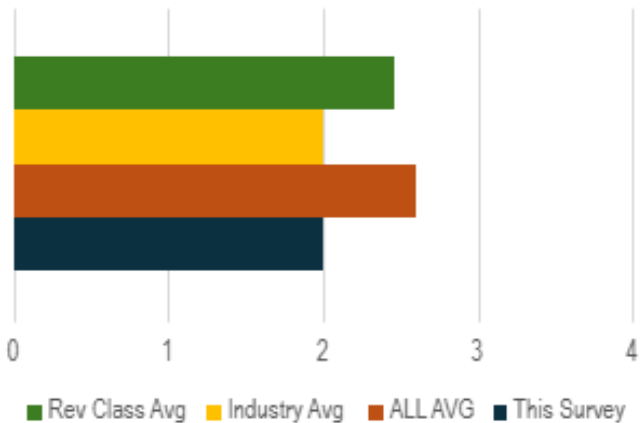


Which best describes your ability to track customer orders and demand patterns?

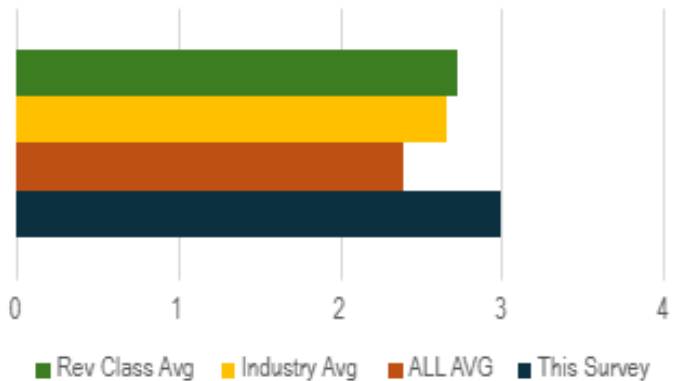


Data Environment

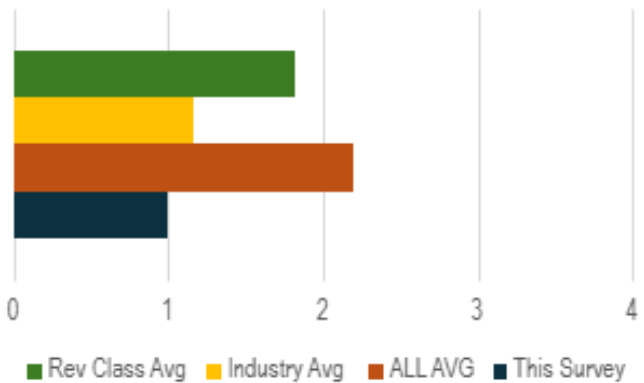
What best describes your supply chain data environment?



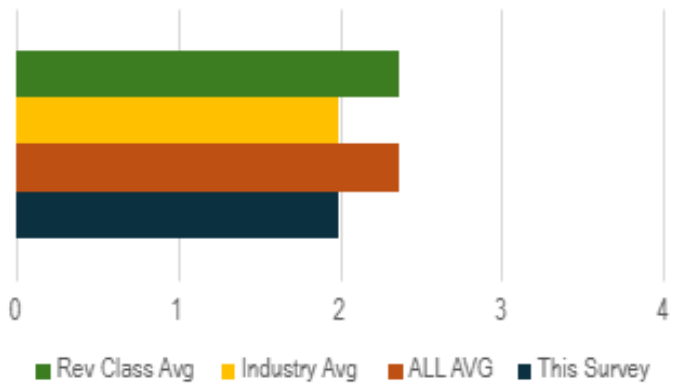
What best describes the technology infrastructure leveraged for supply chain visibility?



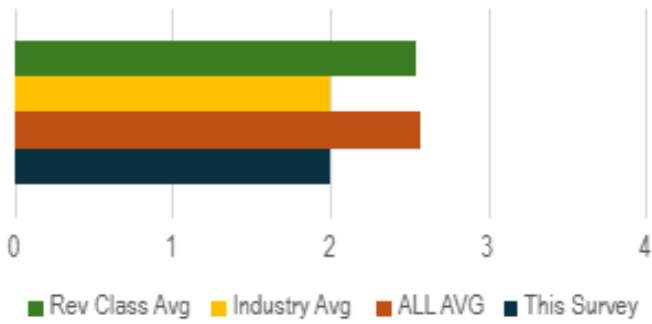
What steps have been taken to protect sensitive supply chain data from cyber threats?



What best describes the level of integration that exists for your supply chain data sources?

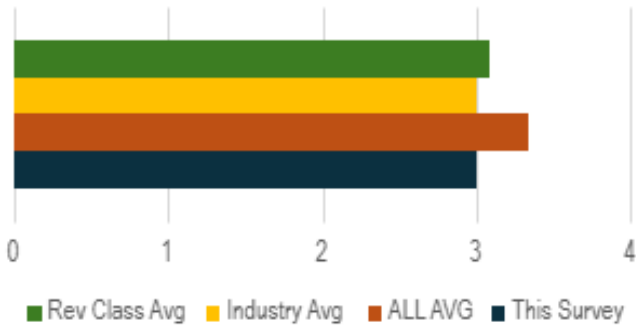


What data governance practices do you use to ensure supply chain data integrity?

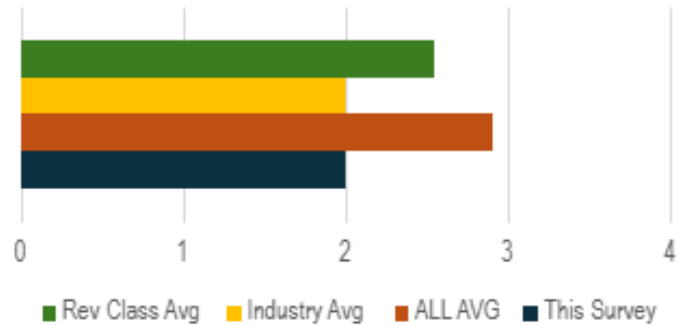


Vision & Strategy

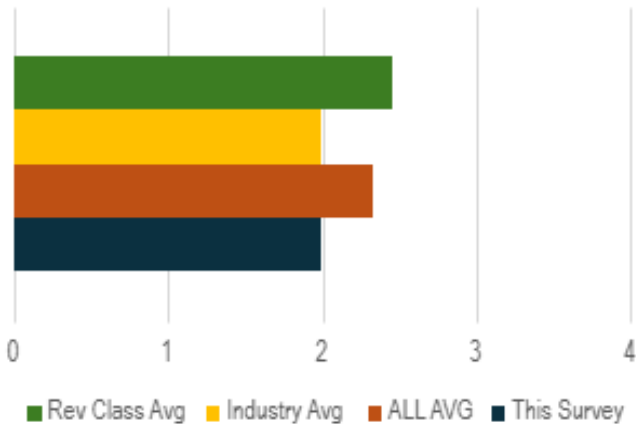
What best describes executive/senior leadership's understanding and support for supply chain visibility?



What best describes your strategy or roadmap for achieving a comprehensive view of your supply chain?

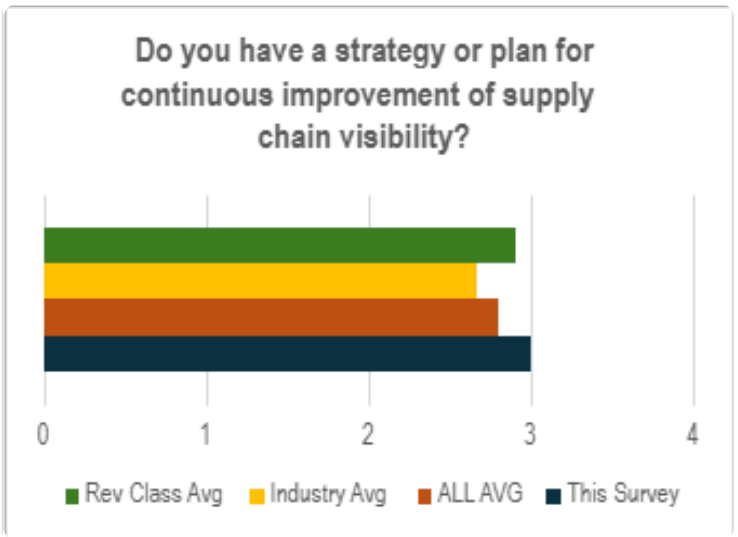
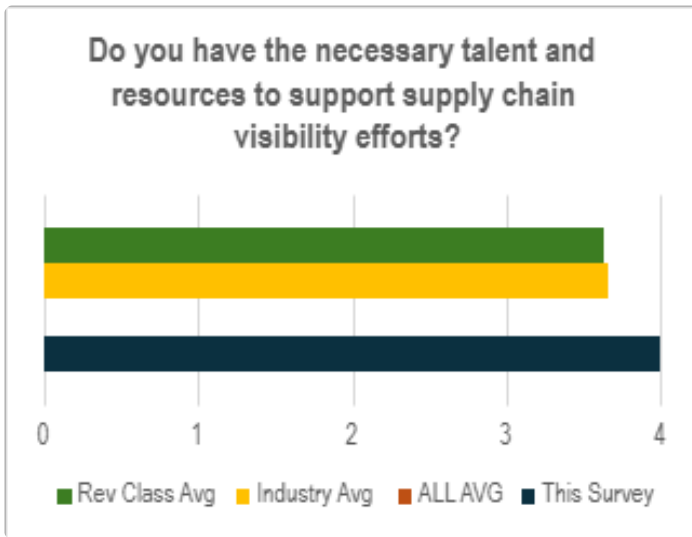


How do you benchmark your supply chain performance?



What best describes your investments allocated to improving supply chain visibility?





Gap Assessment

Category	Your Score	To All	Industry	Size (Rev)	Managed	Optimized
Vision & Strategy	2.67	N/A	0.14	0.15	0.33	1.33
Data Environment	2.00	0.43	0.03	0.38	1.00	2.00
Operations	1.35	N/A	0.37	0.75	1.65	2.65
Analytics	2.38	0.42	0.20	0.36	1.62	1.62
Compliance & Risk	2.50	N/A	0.21	0.18	0.50	1.50

Vision & Strategy

Your score is within 26% of other respondents, but is more than 28% below the Managed level of maturity. Your score is 32% lower than others in your industry, Your score is 22% lower than companies of similar size (revenue).

You have solid executive support for your supply chain visibility efforts. The proper executive support provides the foundation for any supply chain visibility initiative. Along with leadership, a strong strategy and supporting roadmap form the governance needed to ensure SCV success. You are in the leadership quadrant for strategy and plans.

Benchmarking against both internal goals and objectives as well as industry peers is a proven best practice. For each of your core key performance indicators (KPIs) you should identify a source of industry data that provides a measure of how others are doing and how your performance compares. Also consider developing information exchanges with organizations outside your competitive sphere for benchmarking purposes. As supply chain visibility is cross-functional it is important to incorporate a governance and funding model that enables growth and clear accountabilities. You are at a juncture in your supply chain visibility journey that requires investing in training and dedicated resources. SCV efforts typically struggle with pulling resources from multiple functional areas and/or reliance on staff augmentation.

Supply chains are dynamic. As such, supply chain visibility capabilities must constantly change to remain in alignment with overall supply chain goals and objectives. A continuous improvement approach/program is needed to ensure your supply chain visibility solutions remain relevant to the business.

Data Environment

Your score is within 11% of other respondents, but is more than 27% below the Managed level of maturity. Your score is 16% lower than others in your industry, Your score is 10% lower than companies of similar size (revenue).

Highly accurate and timely data serves as the foundation for supply chain visibility. While your data meets your immediate operational needs, it is not currently sufficient for advanced analytics. A data architecture that enables analytics would improve your overall supply chain responsiveness by providing pre-emptive insights.

While you have deployed business intelligence tools, you have the opportunity to enable more advanced predictive and prescriptive analytics with an improved data architecture and data discovery capabilities. A complex supply chain with a large number of trading partners typically requires a focused security program due to high levels of interconnectivity. A supply chain data ecosystem is unique in its construction and high number of connections outside the enterprise. Consider a targeted security program for your supply chain.

Supply chain data encompasses a broad set of functions often with multiple owners. Supply chain decisions often require the visibility of multiple metrics from different operational systems. Systemic integration and interoperability of supply chain data is essential to support these types of decisions. Supply chains are dynamic. As such, supply chain visibility capabilities must constantly change to remain in alignment with overall supply chain goals and objectives. A continuous improvement approach/program is needed to ensure your supply chain visibility solutions remain relevant to the business.

Operations

Your score is 18% higher than other respondents, but is more than 20% below the Managed level of maturity. Your score is 9% lower than others in your industry, Your score is 1% lower than companies of similar size (revenue).

Using reporting for decision-making is always a great place to start. However, you could gain more value by combining decision-maker experience and operational system data with reporting to improve results. Operating without any form of forecasting or basic analytics is akin to flying blind. It is crucial that you consider projects to build these critical functions. The use of decision support, AI/ML, and digital twins provide the analytic capabilities to increase agility and respond rapidly to evolving supply chain issues. Consider projects and funding to add these capabilities.

You have automated alerts based on operational KPIs, which position you well to respond to events. Adding the same capabilities to future events would significantly increase your agility and speed. In addition to having visibility inside your own supply chain, you integrate point-in-time data from supply chain partners. Your next steps should include increasing the frequency of data exchanges, moving towards realtime.

You have invested in technologies to enable realtime tracking of product within your supply chain. While you have taken steps with your partners, you can still improve the frequency with which you receive information from your partners. You have created a secure portal for realtime information exchange with your trading partners which is an identified best practice. Adding capabilities such as bidding, payments, and others can increase engagement and improve data quality. After centralizing data and beginning analysis, the next step is to leverage automation technologies to add speed to actions. In addition, increasing information frequency will provide capabilities to respond in realtime to customer order changes.

Analytics

Your score is within 12% of other respondents, but is more than 44% below the Managed level of maturity. Your score is 25% lower than others in your industry, Your score is 9% lower than companies of similar size (revenue).

Having built an analytic environment that can support realtime decisions, you are well positioned to respond to events as they occur. Consider building a scenario-based model to increase agility and responsiveness to events BEFORE they occur.

Your supply chain analytics and reporting could greatly benefit from using the following KPIs to provide insights into your overall performance. Days of Supply is a critical KPI for inventory replenishment. It is the average time that you will sell through your inventory and is a key means of triggering procurement and production activities. Perfect Order Rate measures whether your order fulfillment is meeting your customer demands. It is a key metric for measuring customer satisfaction with your supply chain. Return rate is the percentage of goods customers return. Understanding return rate provides such insights as customer satisfaction & preferences, production defects, and carrier quality. Supplier lead time is a key measure needed to determine the optimal time to purchase materials/goods. Optimizing lead times can provide for a leaner and more efficient supply chain. Supply chain efficiency and success are linked to the quality of forecasts. Measuring forecast error provides the means to tune forecasts to improve accuracy and drive increased efficiency. On-time delivery is a major customer satisfaction driver. Given today's digital marketplaces, on-time delivery is one of the most important factors in driving You have invested in technologies to enable realtime tracking of product within your supply chain. While you have taken steps with your partners, you can still improve the frequency with which you receive information from your partners. You have created a secure portal for realtime information exchange with your trading partners which is an identified best practice. Adding capabilities such as bidding, payments, and others can increase engagement and improve data quality. After centralizing data and beginning analysis, the next step is to leverage automation technologies to add speed to actions. In addition, increasing information frequency will provide capabilities to respond in realtime to customer order changes. You have deployed reporting (static and dynamic) to support supply chain analytics. Consider adding dashboards (to add easily recognized visuals and support historic trends) to your existing reporting to provide a strong foundation for future analytics. You have deployed capabilities to automatically alert users of issues or thresholds met in the supply chain. To enhance your capabilities, consider adding predictive and prescriptive analytics. These analytics will enable the ability to look for future anomalies and enable preemptive actions. You have not yet deployed the advanced analytical capabilities including digital twins (scenarios) or AI/ML. These capabilities often require organizational shifts to realize value. Consider piloting a targeted use case as a starting point.

Compliance & Risk

Your score is 5% higher than other respondents, but is more than 25% below the Managed level of maturity. Your score is 2% higher than others in your industry. Your score is 7% higher than companies of similar size (revenue).

You currently do not have any form of early warning capability and are vulnerable to rapid shifts in the marketplace. You are not in position to react quickly to changing conditions. By creating a collaborative environment with your trading partners you are well positioned to handle supply chain disruptions.

You have taken steps to begin building a compliance program. Formalizing these processes with policies and improved reporting will better position you to handle increased compliance requirements. Collecting and centralizing compliance data saves time and effort for your staff. Consider increasing the frequency of data capture and adding automation to build compliance reporting and dashboards.

Overall Maturity Assessment

You classified your company as Transportation & Warehousing. Your score is 14% lower than others in your industry, Your selected annual revenue group is Between \$1B and \$10B. Your score is 5% lower than companies of similar size (revenue). Your overall score is within 6% of other respondents, but is more than 28% below the Managed level of maturity. Your overall maturity level is Developing which is slightly below the midpoint of your supply chain visibility journey. You have control of the basics across all aspects of your supply chain. You likely see moderate to good results, but could achieve more with improved supply chain visibility capabilities.

Your largest gap to all other respondents is Vision & Strategy. Your largest gap to a Managed level is Analytics. Your largest gap to others in the Transportation & Warehousing industry is Vision & Strategy. You lag others in your industry by 32% in Vision & Strategy. You lead others in the Transportation & Warehousing industry in Compliance & Risk. Your largest gap to companies with revenues Between \$1B and \$10B is Vision & Strategy. You lag others in your industry by 22% in Vision & Strategy. You lead others with revenues Between \$1B and \$10B in Compliance & Risk. You lead all respondents in Operations.

As you are at the developing maturity level you have made progress on your SCV journey. As Vision and Strategy represents your largest gap, the immediate focus should be aligning business goals and objectives with supply chain capabilities. Identifying and prioritizing capability gaps provides the basic framework to build a supply chain visibility roadmap.

We know that all supply chain organizations benefit from improved visibility. While there are definitive technological challenges, achieving end-to-end supply chain visibility also requires alignment across various organizational departments and external suppliers. The benefits of such an organizational shift are immense. Improved supply chain visibility is linked to reduced order cycle time, increased inventory turnover, reduced stockouts, reduced supply chain costs, improved forecast accuracy, increased return on assets (ROA), and improved customer satisfaction. Supply Chain visibility is more than a simple technology project. Supply Chain NCS Partners is committed to being your trusted supply chain partner. Our experts are ready to assist you at any stage of your supply chain visibility journey.

To learn more, visit us at: <https://www.ncspartners.com/visibility>