Process Chemicals

Supply Chain Horizons 2025 Industry Fact Sheet

Supply chain in the process chemicals industry is a complex and dynamic network; and in recent years, it has faced significant challenges, including disruptions due to regulatory compliance, raw material availability, and environmental concerns. The Supply Chain Horizons Market Report 2025* found that despite these hurdles, the industry continues to evolve, driven by the need for greater efficiency, sustainability, and resilience.

Artificial intelligence (AI) and cloud-based solutions are playing pivotal roles in enhancing supply chain visibility, improving demand forecasting, and optimizing inventory management. Notably, the process chemicals industry has room to grow, with an average performance of 53% for forecast accuracy and 45% for on-time-in-full orders. However, opportunity abounds as supply chain leaders have improved operational performance as the key driver for their supply chain digital transformations. The horizon is bright for the industry with updating ERP systems and GenAI/AI/ML implementation sitting at the top of leadership priorities.

Supply Chain Challenges

38%

28%

35%

Organizational silos/lack of internal visibility across our supply chain

Building a business case for supply chain technology

Managing costs /ensuring efficiency

Key Performance Indicators

53%

Forecast accuracy



Perfect orders/ on time in full **14%**

Profitability

34

Net promoter score

Inventory turns (days)

Digital Transformation Drivers

Improve operational performance

54%

Better align to business strategy/goals

51%

Most Cited Use Cases for GenAl

Transportation/logistics

48%

Data management

38%

Supplier management/procurement

32%

Priorities (Long Term)

Implement or increase use of GenAI/AI/ML

54%

Improving speed and agility

33%

Responding to sustainability regulations

28%



About Logility, an Aptean company