

A green line-art icon of a bar chart with three bars of increasing height, enclosed within a hexagonal frame. A green arrow points from the top of the third bar towards the right, pointing towards the main title.

PULSE *OF THE* **INDUSTRY**

AMERICAN COMPOSITES MANUFACTURERS ASSOCIATION

ACMA 1Q25 Pulse of the Industry Survey

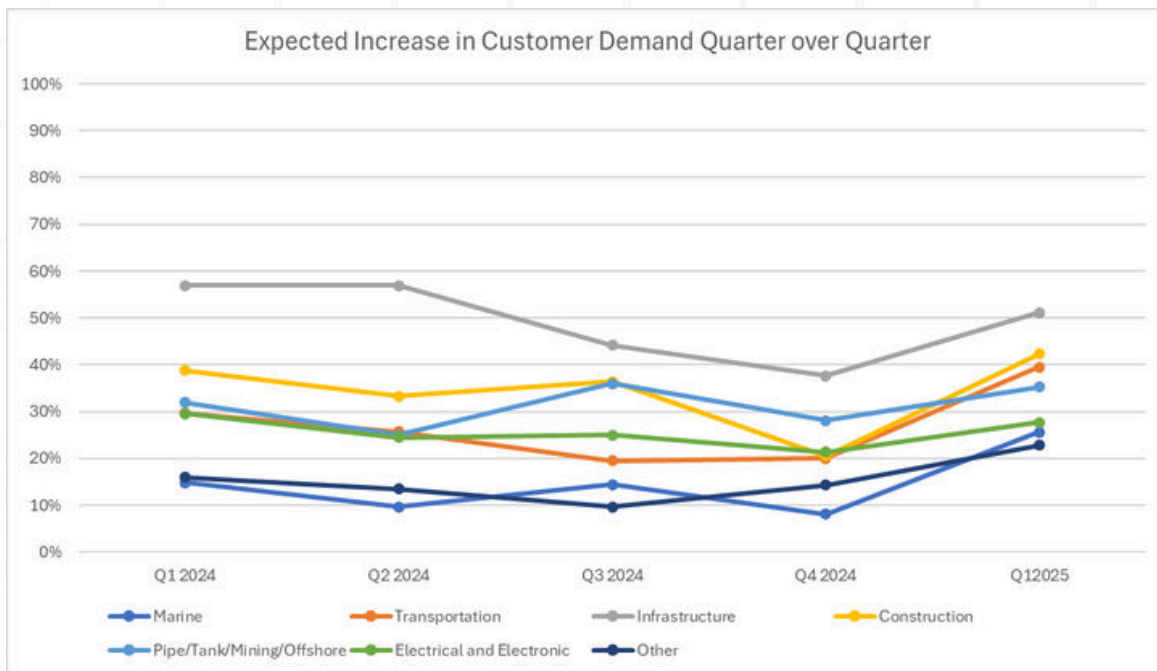
Vault

Release: January 15, 2025
Compiled by Vault Consulting, LLC

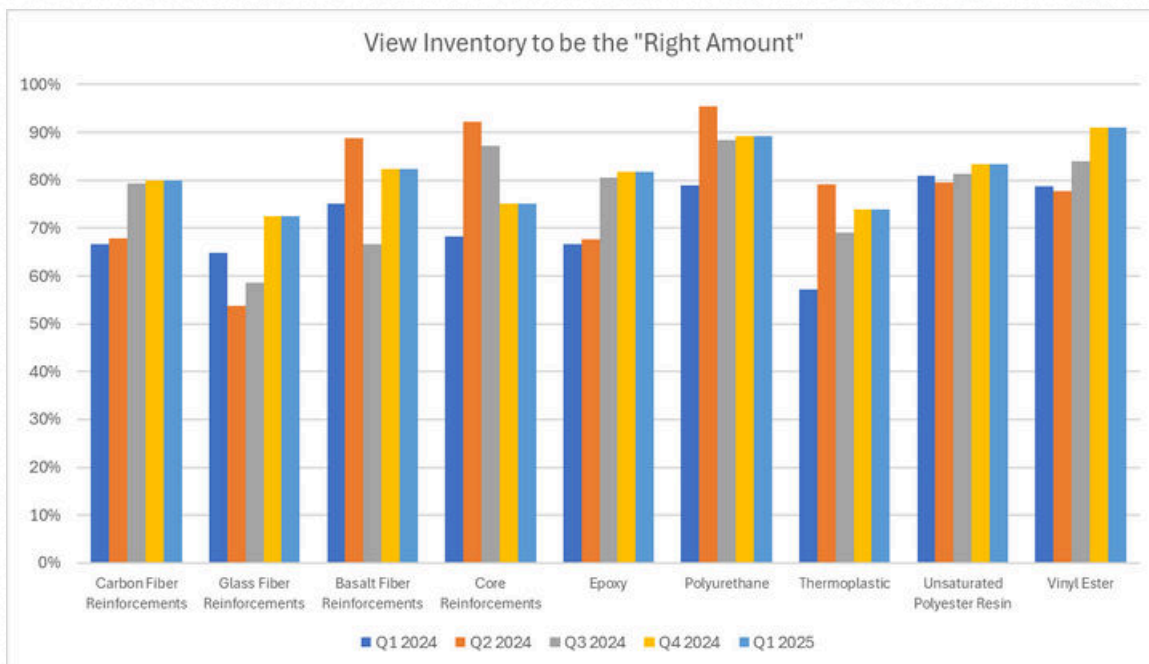
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Summary of Key Findings

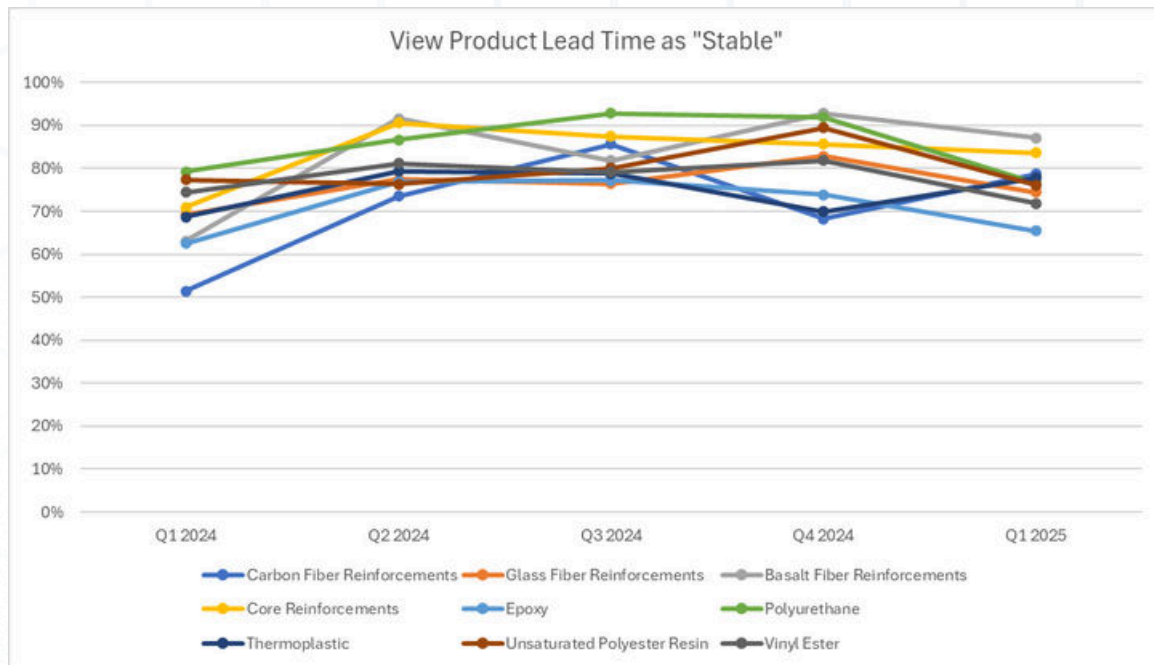
- **Expected Customer Demand:** Increases in expected customer demand for each of the market segments rebounded in 1Q25. Expected demand in the Construction and Transportation segments increased the most, 20 percentage points each, **this quarter**.
- **Stability of Product Lead Time:** While total respondents believe lead time is quite stable for all product inputs, these levels did drop somewhat this quarter. Only Carbon Fiber Reinforcements and Thermoplastics saw increases in perceived lead time stability, although perceptions for each of these product inputs are more volatile.
- **"Right Amount" of Inventory:** Perceptions of inventory levels being at the "right amount" for each of the product inputs is unchanged from 4Q24 to 1Q25.
- **Importance of Issues:**
 - Supply Chain Disruptions are of greatest importance, 85%, to total respondents this quarter. This is comparable to levels seen a year ago.
 - Breaking out Hiring and Training into 3 distinct groups, "Retention" is the issue that rises to the top with 81% of respondents reporting this as important to their business. "Hiring" is important to 76% while 72% rate "Training" as important.
 - 71% of respondents also report that "Tariffs on Inputs" is extremely/very important.
- **Supply Chain Disruptions** are expected in all categories, with most expecting to see this with fibers suppliers, resins suppliers and specialized chemicals suppliers.
- This quarter, two new annual questions were added to better understand how members are making decisions for their business.
 - One is how important are different economic indicators to determining growth or decline in the industry. Just over **78%** of respondents report **Interest Rates** are extremely/very important to their business with **two-thirds** indicating **Inflation** is an important indicator.
 - The second question is how likely is your business to **invest in capital expenditures** this year. Just over **three-quarters** of respondents report they are likely to invest this year, with **41%** saying they are **very likely** to do so.



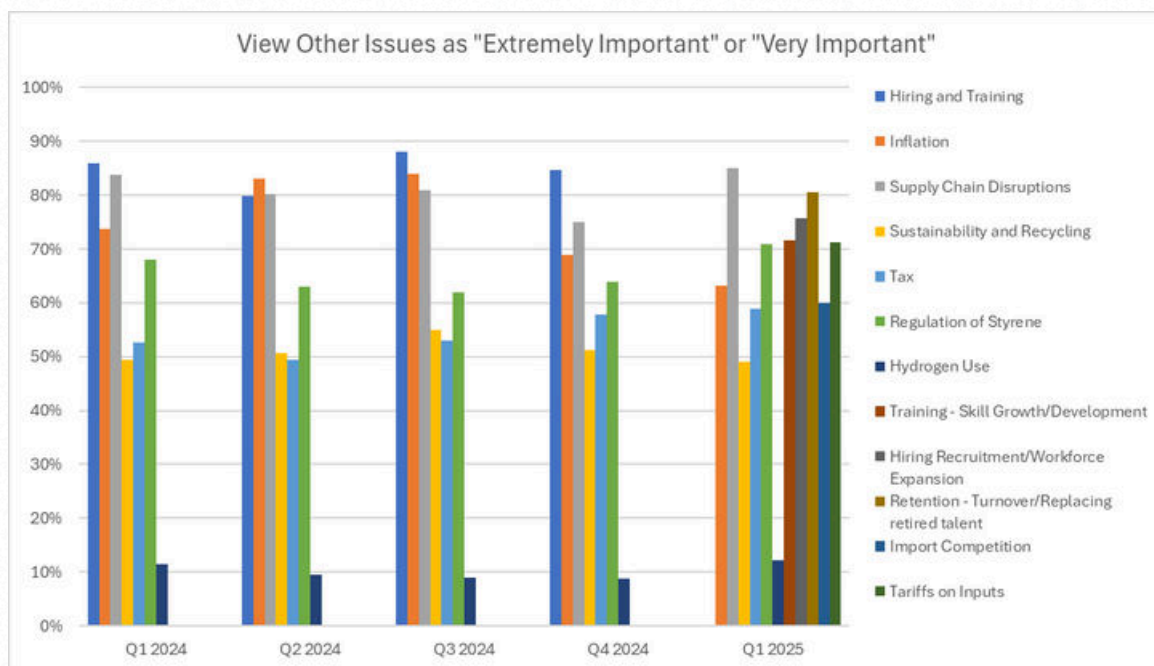
What is the outlook for customer demand in North America in the current quarter compared to the prior quarter for the following markets? Please only answer for markets for which you have knowledge.



Using a scale of 1 to 5 where "1" mean extremely low inventory, "3" means the right amount, and "5" means extremely high inventory, how do you view inventory for the following inputs? Please only answer for products for which you have knowledge.



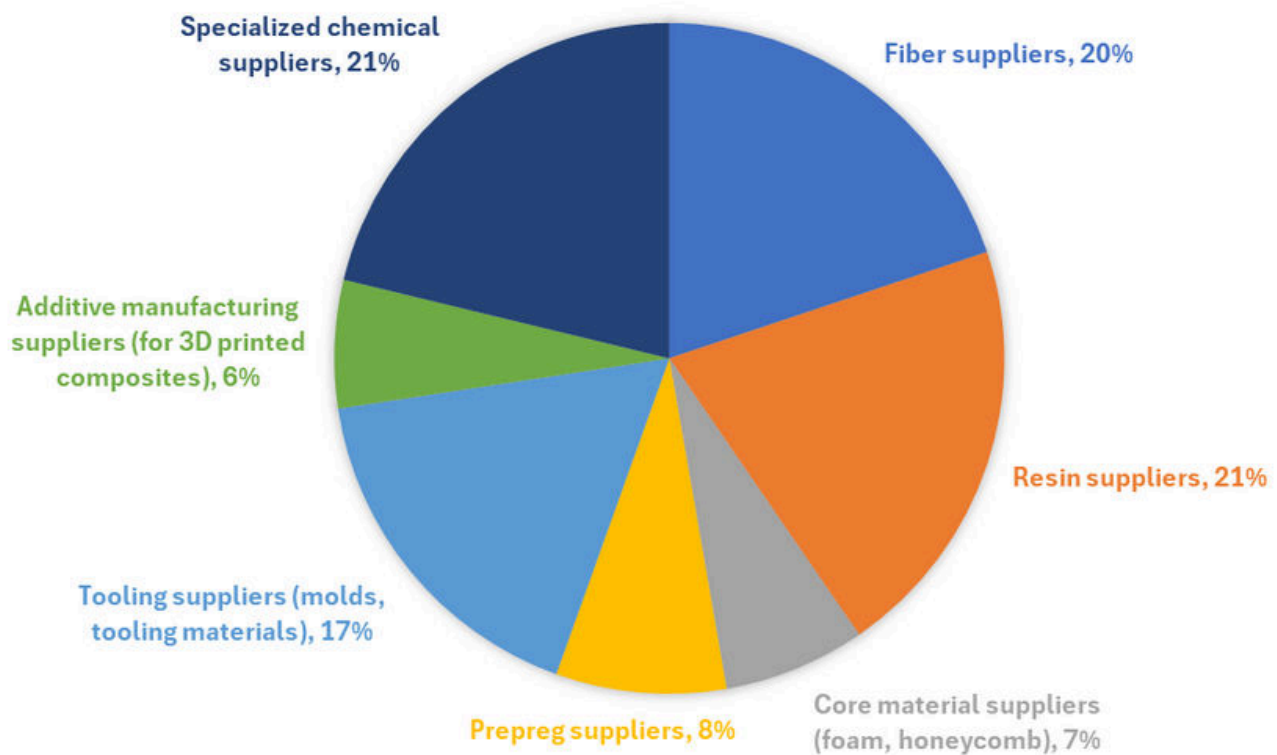
What is the current lead time for the following inputs? Please only answer for products for which you have knowledge.



*Hiring and Training expanded to new categories (1) Hiring Recruitment/Workforce Expansion (2) Trainin (3) Retention in Q1 2025)

Based on what you have read and heard, how important do you consider each of the following issues to your company?

SUPPLY CHAIN DISRUPTION



Please select ALL of the following supplier categories in which you expect supply chain disruptions.

Table continued on next page

Survey Question:

Please select ALL of the following supplier categories in which you expect supply chain disruptions.

*Darker shading represents the higher responses by market segment. Shading does not represent statistical significance.

Survey Question: Please select ALL of the following supplier categories in which you expect supply chain disruptions.

| Overall | |
|--|------|
| Supplier | |
| Fiber suppliers | 20% |
| Resin suppliers | 21% |
| Core material suppliers (foam, honeycomb) | 7% |
| Prepreg suppliers | 8% |
| Tooling suppliers (molds, tooling materials) | 17% |
| Additive manufacturing suppliers (for 3D printed composites) | 6% |
| Specialized chemical suppliers | 21% |
| Total | 100% |

| Company Count |
|---------------|
| 27 |
| 28 |
| 9 |
| 10 |
| 23 |
| 8 |
| 29 |
| 59 |

| Manufacturer | |
|--|------|
| Supplier | |
| Fiber suppliers | 20% |
| Resin suppliers | 22% |
| Core material suppliers (foam, honeycomb) | 7% |
| Prepreg suppliers | 7% |
| Tooling suppliers (molds, tooling materials) | 20% |
| Additive manufacturing suppliers (for 3D printed composites) | 5% |
| Specialized chemical suppliers | 20% |
| Total | 100% |

| Company Count |
|---------------|
| 19 |
| 21 |
| 7 |
| 7 |
| 19 |
| 5 |
| 19 |
| 43 |

| Supplier / Distributor | |
|--|------|
| Supplier | |
| Fiber suppliers | 22% |
| Resin suppliers | 19% |
| Core material suppliers (foam, honeycomb) | 5% |
| Prepreg suppliers | 8% |
| Tooling suppliers (molds, tooling materials) | 11% |
| Additive manufacturing suppliers (for 3D printed composites) | 8% |
| Specialized chemical suppliers | 27% |
| Total | 100% |

| Company Count |
|---------------|
| 8 |
| 7 |
| 2 |
| 3 |
| 4 |
| 3 |
| 10 |
| 12 |

Survey Question:

Please select ALL of the following supplier categories in which you expect supply chain disruptions.

*Darker shading represents the higher responses by market segment. Shading does not represent statistical significance.

| Affiliate | |
|--|------|
| Supplier | |
| Fiber suppliers | 17% |
| Resin suppliers | 17% |
| Core material suppliers (foam, honeycomb) | 8% |
| Prepreg suppliers | 17% |
| Tooling suppliers (molds, tooling materials) | 17% |
| Additive manufacturing suppliers (for 3D printed composites) | 8% |
| Specialized chemical suppliers | 17% |
| Total | 100% |

| Company Count |
|---------------|
| 2 |
| 2 |
| 1 |
| 2 |
| 2 |
| 1 |
| 2 |
| 4 |

| Small: 1 - 10 Employees | |
|--|------|
| Supplier | |
| Fiber suppliers | 21% |
| Resin suppliers | 14% |
| Core material suppliers (foam, honeycomb) | 14% |
| Prepreg suppliers | 14% |
| Tooling suppliers (molds, tooling materials) | 14% |
| Additive manufacturing suppliers (for 3D printed composites) | 7% |
| Specialized chemical suppliers | 14% |
| Total | 100% |

| Company Count |
|---------------|
| 3 |
| 2 |
| 2 |
| 2 |
| 2 |
| 1 |
| 2 |
| 4 |

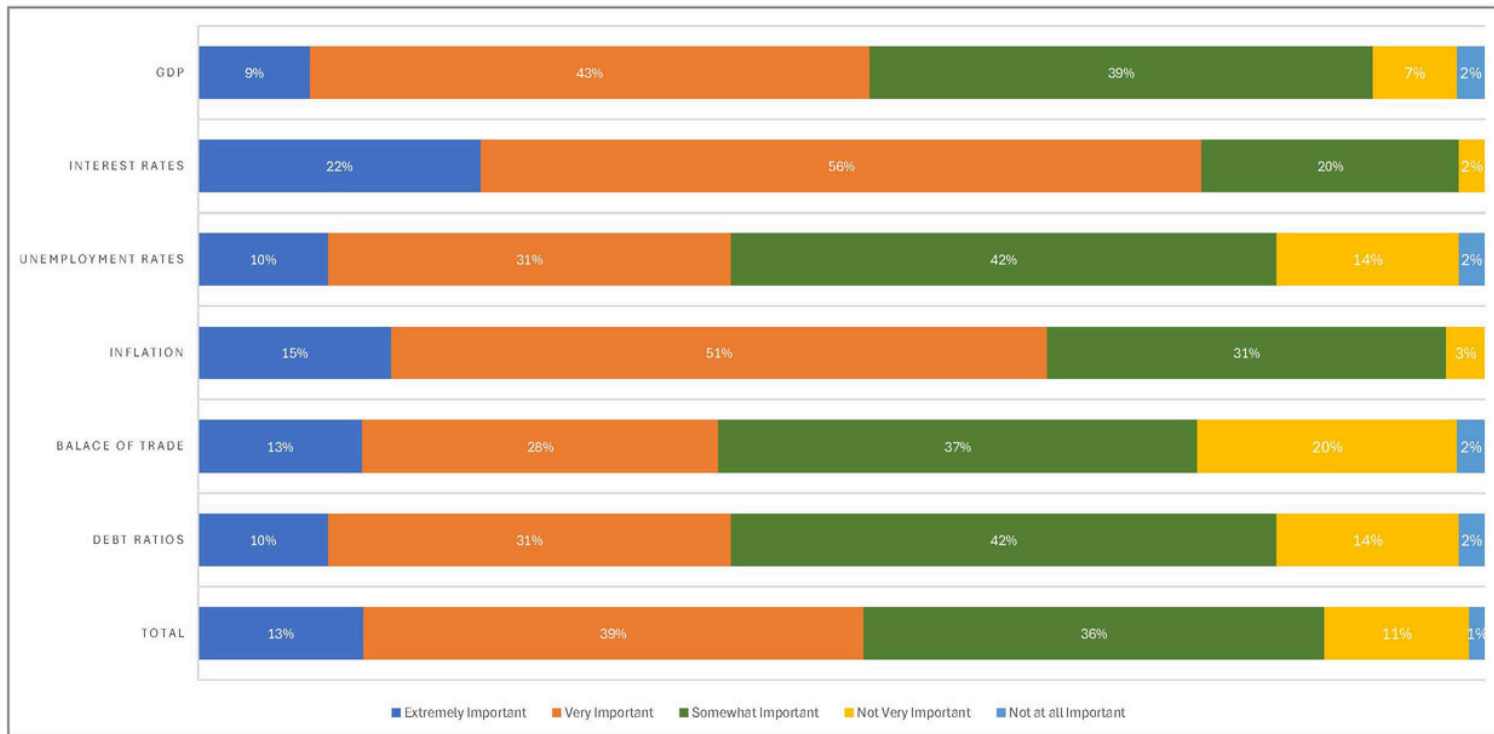
| Medium: 11 - 100 Employees | |
|--|------|
| Supplier | |
| Fiber suppliers | 21% |
| Resin suppliers | 26% |
| Core material suppliers (foam, honeycomb) | 13% |
| Prepreg suppliers | 8% |
| Tooling suppliers (molds, tooling materials) | 13% |
| Additive manufacturing suppliers (for 3D printed composites) | 5% |
| Specialized chemical suppliers | 13% |
| Total | 100% |

| Company Count |
|---------------|
| 8 |
| 10 |
| 5 |
| 3 |
| 5 |
| 2 |
| 5 |
| 14 |

| Large: 101+ Employees | |
|--|------|
| Supplier | |
| Fiber suppliers | 19% |
| Resin suppliers | 19% |
| Core material suppliers (foam, honeycomb) | 3% |
| Prepreg suppliers | 7% |
| Tooling suppliers (molds, tooling materials) | 19% |
| Additive manufacturing suppliers (for 3D printed composites) | 6% |
| Specialized chemical suppliers | 26% |
| Total | 100% |

| Company Count |
|---------------|
| 18 |
| 18 |
| 3 |
| 7 |
| 18 |
| 6 |
| 24 |
| 41 |

ECONOMIC INDICATORS



Annual Survey Question: How important are the following economic indicators for your business to determine the growth or decline of the industry?

| Overall | | | | | |
|--------------------|---------------------|----------------|--------------------|--------------------|----------------------|
| Indicator | Extremely Important | Very Important | Somewhat Important | Not Very Important | Not at all Important |
| GDP | 9% | 43% | 39% | 7% | 2% |
| Interest Rates | 22% | 56% | 20% | 2% | 0% |
| Unemployment Rates | 10% | 31% | 42% | 14% | 2% |
| Inflation | 15% | 51% | 31% | 3% | 0% |
| Balance of Trade | 13% | 28% | 37% | 20% | 2% |
| Debt Ratios | 10% | 31% | 42% | 14% | 2% |
| Total | 13% | 39% | 36% | 11% | 1% |

| Company Count |
|---------------|
| 88 |
| 95 |
| 94 |
| 96 |
| 91 |
| 94 |
| 101 |

| Manufacturer | | | | | |
|--------------------|---------------------|----------------|--------------------|--------------------|----------------------|
| Indicator | Extremely Important | Very Important | Somewhat Important | Not Very Important | Not at all Important |
| GDP | 8% | 12% | 14% | 5% | 0% |
| Interest Rates | 18% | 18% | 7% | 0% | 0% |
| Unemployment Rates | 12% | 9% | 15% | 12% | 0% |
| Inflation | 15% | 16% | 10% | 2% | 0% |
| Balance of Trade | 8% | 10% | 11% | 25% | 14% |
| Debt Ratios | 8% | 7% | 14% | 22% | 14% |
| Total | 69% | 73% | 72% | 65% | 29% |

| Company Count |
|---------------|
| 65 |
| 69 |
| 70 |
| 70 |
| 68 |
| 66 |
| 70 |

| Supplier/Distributor | | | | | |
|----------------------|---------------------|----------------|--------------------|--------------------|----------------------|
| Indicator | Extremely Important | Very Important | Somewhat Important | Not Very Important | Not at all Important |
| GDP | 3% | 6% | 2% | 2% | 14% |
| Interest Rates | 12% | 6% | 2% | 0% | 0% |
| Unemployment Rates | 1% | 4% | 4% | 6% | 14% |
| Inflation | 5% | 6% | 4% | 2% | 0% |
| Balance of Trade | 8% | 1% | 5% | 3% | 14% |
| Debt Ratios | 1% | 2% | 6% | 9% | 0% |
| Total | 31% | 25% | 24% | 22% | 43% |

| Company Count |
|---------------|
| 23 |
| 26 |
| 24 |
| 26 |
| 23 |
| 24 |
| 26 |

| Affiliate | | | | | |
|--------------------|---------------------|----------------|--------------------|--------------------|----------------------|
| Indicator | Extremely Important | Very Important | Somewhat Important | Not Very Important | Not at all Important |
| GDP | 0% | 0% | 0% | 3% | 14% |
| Interest Rates | 0% | 1% | 0% | 3% | 0% |
| Unemployment Rates | 0% | 0% | 0% | 3% | 14% |
| Inflation | 0% | 0% | 1% | 2% | 0% |
| Balance of Trade | 0% | 0% | 1% | 2% | 0% |
| Debt Ratios | 0% | 0% | 0% | 2% | 0% |
| Total | 0% | 2% | 4% | 14% | 29% |

| Company Count |
|---------------|
| 4 |
| 5 |
| 5 |
| 4 |
| 3 |
| 3 |
| 5 |

| Small: 1 - 10 Employees | | | | | |
|-------------------------|---------------------|----------------|--------------------|--------------------|----------------------|
| Indicator | Extremely Important | Very Important | Somewhat Important | Not Very Important | Not at all Important |
| GDP | 0% | 1% | 1% | 2% | 0% |
| Interest Rates | 1% | 2% | 0% | 0% | 0% |
| Unemployment Rates | 0% | 0% | 1% | 2% | 14% |
| Inflation | 0% | 1% | 1% | 0% | 0% |
| Balance of Trade | 0% | 1% | 0% | 2% | 0% |
| Debt Ratios | 0% | 0% | 1% | 0% | 0% |
| Total | 1% | 5% | 6% | 5% | 14% |

| Company Count |
|---------------|
| 5 |
| 6 |
| 6 |
| 5 |
| 4 |
| 4 |
| 6 |

| Medium: 11 - 100 Employees | | | | | |
|----------------------------|---------------------|----------------|--------------------|--------------------|----------------------|
| Indicator | Extremely Important | Very Important | Somewhat Important | Not Very Important | Not at all Important |
| GDP | 5% | 2% | 4% | 5% | 14% |
| Interest Rates | 7% | 5% | 3% | 2% | 0% |
| Unemployment Rates | 4% | 3% | 4% | 6% | 0% |
| Inflation | 8% | 5% | 3% | 0% | 0% |
| Balance of Trade | 4% | 2% | 3% | 11% | 0% |
| Debt Ratios | 3% | 3% | 3% | 11% | 0% |
| Total | 31% | 20% | 21% | 34% | 14% |

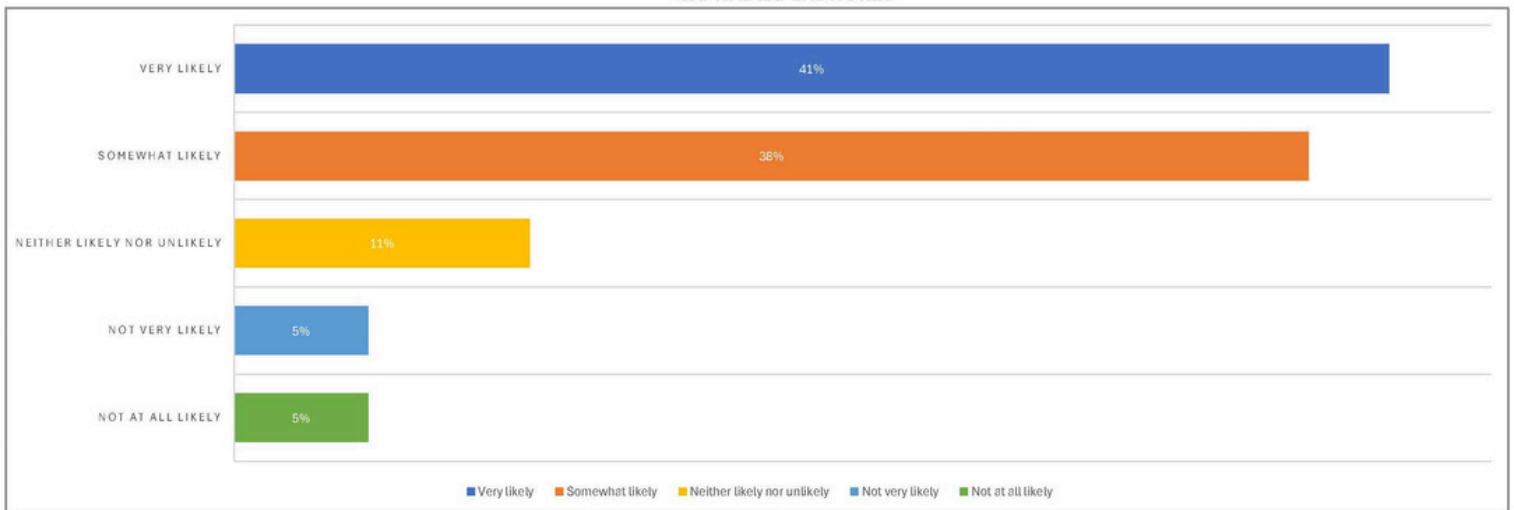
| Company Count |
|---------------|
| 21 |
| 23 |
| 23 |
| 24 |
| 22 |
| 22 |
| 24 |

| Large: 101+ Employees | | | | | |
|-----------------------|---------------------|----------------|--------------------|--------------------|----------------------|
| Indicator | Extremely Important | Very Important | Somewhat Important | Not Very Important | Not at all Important |
| GDP | 5% | 15% | 13% | 3% | 14% |
| Interest Rates | 22% | 18% | 6% | 2% | 0% |
| Unemployment Rates | 9% | 10% | 14% | 14% | 14% |
| Inflation | 12% | 17% | 10% | 5% | 0% |
| Balance of Trade | 12% | 8% | 13% | 17% | 29% |
| Debt Ratios | 7% | 6% | 16% | 22% | 14% |
| Total | 68% | 75% | 72% | 62% | 71% |

| Company Count |
|---------------|
| 66 |
| 71 |
| 70 |
| 71 |
| 68 |
| 67 |
| 71 |

*Darker shading represents the higher responses by market segment. Shading does not represent statistical significance.

CAPITAL EXPENDITURES



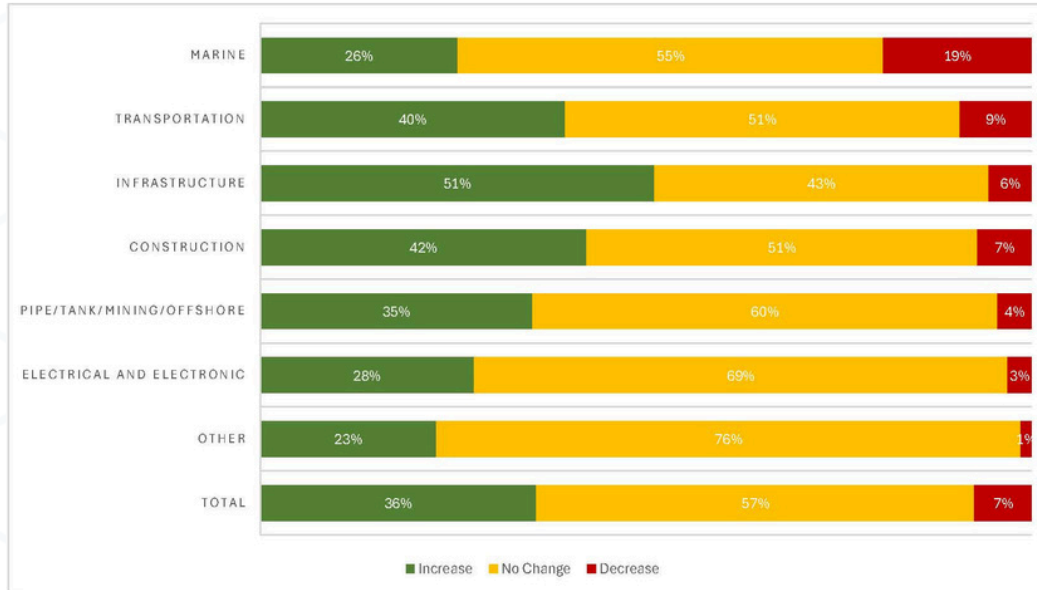
Annual Survey Question: How likely are you to invest in capital equipment expenditures in the next 12 months?

| Category | Very likely | Somewhat likely | Neither likely nor unlikely | Not very likely | Not at all likely |
|----------------------------|-------------|-----------------|-----------------------------|-----------------|-------------------|
| Manufacturer | 47% | 39% | 10% | 4% | 0% |
| Supplier / Distributor | 28% | 44% | 16% | 8% | 4% |
| Affiliate | 29% | 14% | 0% | 0% | 57% |
| Small: 1 - 10 Employees | 13% | 50% | 0% | 0% | 38% |
| Medium: 11 - 100 Employees | 29% | 46% | 13% | 8% | 4% |
| Large: 101+ Employees | 49% | 35% | 11% | 4% | 1% |
| Total | 41% | 38% | 11% | 5% | 5% |

| Company Count |
|---------------|
| 72 |
| 25 |
| 7 |
| 8 |
| 24 |
| 72 |
| 104 |

*Darker shading represents the higher responses by market segment. Shading does not represent statistical significance.

Customer Demand in Q2 2025 Compared with Q1 2025



Survey Question: What is the outlook for customer demand in North America in the current quarter compared to the prior quarter for the following markets? Please only answer for markets for which you have knowledge.

| Overall Market | | | |
|---------------------------|----------|-----------|----------|
| Market | Increase | No Change | Decrease |
| Marine | 26% | 55% | 19% |
| Transportation | 40% | 51% | 9% |
| Infrastructure | 51% | 43% | 6% |
| Construction | 42% | 51% | 7% |
| Pipe/Tank/Mining/Offshore | 35% | 60% | 4% |
| Electrical and Electronic | 28% | 69% | 3% |
| Other | 23% | 76% | 1% |
| Total | 36% | 57% | 7% |

| Company Count | |
|---------------|-----|
| | 73 |
| | 81 |
| | 83 |
| | 80 |
| | 63 |
| | 59 |
| | 65 |
| | 109 |

| Manufacturer | | | |
|---------------------------|----------|-----------|----------|
| Market | Increase | No Change | Decrease |
| Marine | 25% | 54% | 21% |
| Transportation | 47% | 42% | 11% |
| Infrastructure | 50% | 45% | 5% |
| Construction | 45% | 50% | 5% |
| Pipe/Tank/Mining/Offshore | 36% | 62% | 2% |
| Electrical and Electronic | 28% | 70% | 3% |
| Other | 25% | 75% | 0% |
| Total | 38% | 55% | 7% |

| Company Count | |
|---------------|----|
| | 48 |
| | 55 |
| | 60 |
| | 58 |
| | 42 |
| | 40 |
| | 44 |
| | 75 |

| Supplier / Distributor | | | |
|---------------------------|----------|-----------|----------|
| Market | Increase | No Change | Decrease |
| Marine | 28% | 60% | 12% |
| Transportation | 27% | 69% | 4% |
| Infrastructure | 48% | 48% | 4% |
| Construction | 36% | 55% | 9% |
| Pipe/Tank/Mining/Offshore | 33% | 62% | 5% |
| Electrical and Electronic | 26% | 74% | 0% |
| Other | 19% | 81% | 0% |
| Total | 31% | 64% | 5% |

| Company Count | |
|---------------|----|
| | 25 |
| | 26 |
| | 23 |
| | 22 |
| | 21 |
| | 19 |
| | 21 |
| | 27 |

| Affiliate | | | |
|---------------------------|----------|-----------|----------|
| Market | Increase | No Change | Decrease |
| Marine | 20% | 40% | 40% |
| Transportation | 20% | 60% | 20% |
| Infrastructure | 71% | 14% | 14% |
| Construction | 40% | 40% | 20% |
| Pipe/Tank/Mining/Offshore | 40% | 40% | 20% |
| Electrical and Electronic | 33% | 50% | 17% |
| Other | 20% | 60% | 20% |
| Total | 37% | 42% | 21% |

| Company Count |
|---------------|
| 5 |
| 5 |
| 7 |
| 5 |
| 5 |
| 6 |
| 5 |
| 7 |

| Small: 1 - 10 Employees | | | |
|---------------------------|----------|-----------|----------|
| Market | Increase | No Change | Decrease |
| Marine | 0% | 50% | 50% |
| Transportation | 0% | 75% | 25% |
| Infrastructure | 43% | 43% | 14% |
| Construction | 0% | 75% | 25% |
| Pipe/Tank/Mining/Offshore | 25% | 50% | 25% |
| Electrical and Electronic | 20% | 60% | 20% |
| Other | 20% | 60% | 20% |
| Total | 18% | 58% | 24% |

| Company Count |
|---------------|
| 4 |
| 4 |
| 7 |
| 4 |
| 4 |
| 5 |
| 5 |
| 8 |

| Medium: 11 - 100 Employees | | | |
|----------------------------|----------|-----------|----------|
| Market | Increase | No Change | Decrease |
| Marine | 21% | 57% | 21% |
| Transportation | 50% | 39% | 11% |
| Infrastructure | 42% | 47% | 11% |
| Construction | 42% | 42% | 16% |
| Pipe/Tank/Mining/Offshore | 43% | 57% | 0% |
| Electrical and Electronic | 45% | 55% | 0% |
| Other | 15% | 85% | 0% |
| Total | 38% | 53% | 9% |

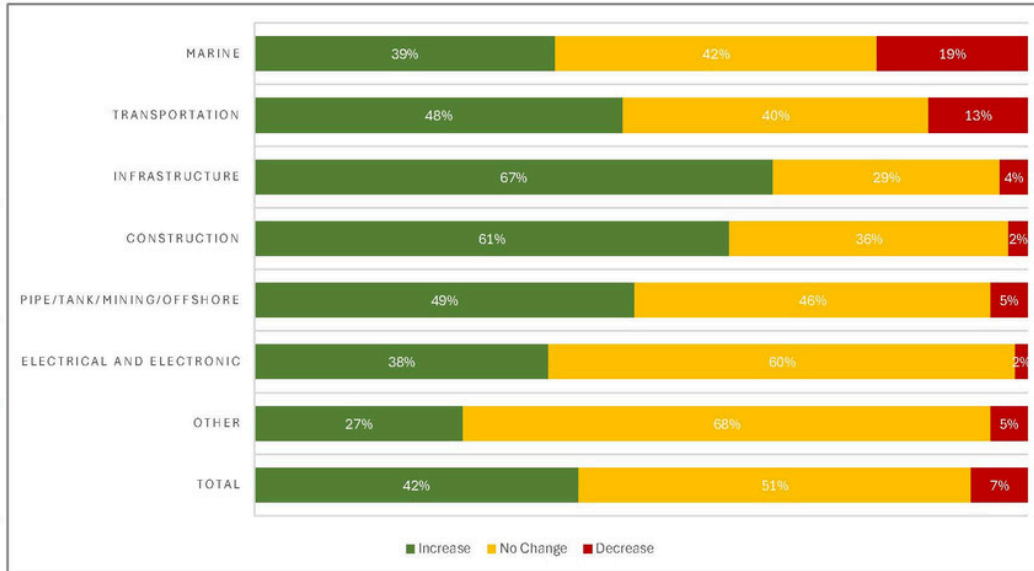
| Company Count |
|---------------|
| 14 |
| 18 |
| 19 |
| 19 |
| 14 |
| 11 |
| 13 |
| 25 |

| Large: 101+ Employees | | | |
|---------------------------|----------|-----------|----------|
| Market | Increase | No Change | Decrease |
| Marine | 28% | 55% | 17% |
| Transportation | 39% | 53% | 8% |
| Infrastructure | 55% | 42% | 3% |
| Construction | 45% | 52% | 3% |
| Pipe/Tank/Mining/Offshore | 34% | 62% | 4% |
| Electrical and Electronic | 24% | 73% | 2% |
| Other | 25% | 75% | 0% |
| Total | 37% | 58% | 5% |

| Company Count |
|---------------|
| 60 |
| 64 |
| 64 |
| 62 |
| 50 |
| 49 |
| 52 |
| 76 |

*Darker shading represents the higher responses by market segment. Shading does not represent statistical significance.

Customer Demand in North American 2025 vs 2024



Survey Question: What is the outlook for customer demand in North America in 2025 compared to 2024 in the following markets?
Please only answer for markets for which you have knowledge.

| Overall Market | | | |
|---------------------------|----------|-----------|----------|
| Market | Increase | No Change | Decrease |
| Marine | 39% | 42% | 19% |
| Transportation | 48% | 40% | 13% |
| Infrastructure | 67% | 29% | 4% |
| Construction | 61% | 36% | 2% |
| Pipe/Tank/Mining/Offshore | 49% | 46% | 5% |
| Electrical and Electronic | 38% | 60% | 2% |
| Other | 27% | 68% | 5% |
| Total | 42% | 51% | 7% |

| Company Count |
|---------------|
| 68 |
| 82 |
| 79 |
| 79 |
| 59 |
| 58 |
| 59 |
| 106 |

| Manufacturer | | | |
|---------------------------|----------|-----------|----------|
| Market | Increase | No Change | Decrease |
| Marine | 33% | 42% | 26% |
| Transportation | 50% | 36% | 14% |
| Infrastructure | 64% | 32% | 4% |
| Construction | 61% | 37% | 2% |
| Pipe/Tank/Mining/Offshore | 47% | 50% | 3% |
| Electrical and Electronic | 44% | 56% | 0% |
| Other | 26% | 72% | 3% |
| Total | 48% | 45% | 7% |

| Company Count |
|---------------|
| 43 |
| 56 |
| 56 |
| 57 |
| 38 |
| 39 |
| 39 |
| 73 |

| Supplier / Distributor | | | |
|---------------------------|----------|-----------|----------|
| Market | Increase | No Change | Decrease |
| Marine | 52% | 40% | 8% |
| Transportation | 46% | 46% | 8% |
| Infrastructure | 74% | 26% | 0% |
| Construction | 64% | 36% | 0% |
| Pipe/Tank/Mining/Offshore | 57% | 38% | 5% |
| Electrical and Electronic | 32% | 68% | 0% |
| Other | 35% | 60% | 5% |
| Total | 52% | 44% | 4% |

| Company Count |
|---------------|
| 25 |
| 26 |
| 23 |
| 22 |
| 21 |
| 19 |
| 20 |
| 27 |

| Affiliate | | | |
|---------------------------|----------|-----------|----------|
| Market | Increase | No Change | Decrease |
| Marine | 25% | 50% | 25% |
| Transportation | 25% | 50% | 25% |
| Infrastructure | 67% | 17% | 17% |
| Construction | 50% | 25% | 25% |
| Pipe/Tank/Mining/Offshore | 25% | 50% | 25% |
| Electrical and Electronic | 20% | 60% | 20% |
| Other | 0% | 75% | 25% |
| Total | 32% | 45% | 23% |

| Company Count |
|---------------|
| 4 |
| 4 |
| 6 |
| 4 |
| 4 |
| 5 |
| 4 |
| 6 |

| Small: 1 - 10 Employees | | | |
|---------------------------|----------|-----------|----------|
| Market | Increase | No Change | Decrease |
| Marine | 0% | 33% | 67% |
| Transportation | 0% | 67% | 33% |
| Infrastructure | 50% | 33% | 17% |
| Construction | 0% | 67% | 33% |
| Pipe/Tank/Mining/Offshore | 33% | 33% | 33% |
| Electrical and Electronic | 25% | 50% | 25% |
| Other | 25% | 50% | 25% |
| Total | 23% | 46% | 31% |

| Company Count |
|---------------|
| 3 |
| 3 |
| 6 |
| 3 |
| 3 |
| 4 |
| 4 |
| 7 |

| Medium: 11 - 100 Employees | | | |
|----------------------------|----------|-----------|----------|
| Market | Increase | No Change | Decrease |
| Marine | 36% | 50% | 14% |
| Transportation | 56% | 39% | 6% |
| Infrastructure | 59% | 29% | 12% |
| Construction | 67% | 33% | 0% |
| Pipe/Tank/Mining/Offshore | 69% | 31% | 0% |
| Electrical and Electronic | 50% | 50% | 0% |
| Other | 17% | 83% | 0% |
| Total | 52% | 43% | 5% |

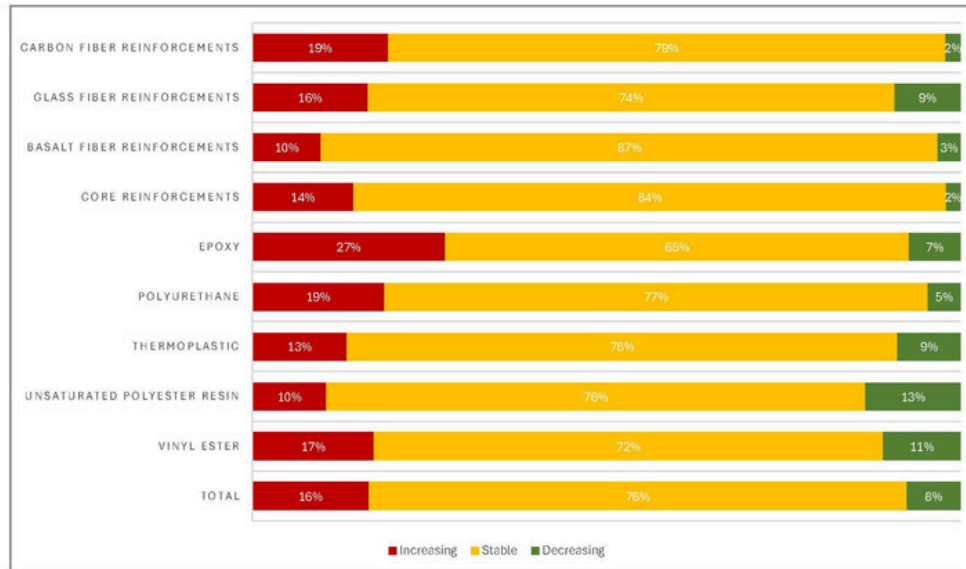
| Company Count |
|---------------|
| 14 |
| 18 |
| 17 |
| 18 |
| 13 |
| 12 |
| 12 |
| 24 |

| Large: 101+ Employees | | | |
|---------------------------|----------|-----------|----------|
| Market | Increase | No Change | Decrease |
| Marine | 42% | 40% | 18% |
| Transportation | 48% | 38% | 14% |
| Infrastructure | 71% | 29% | 0% |
| Construction | 63% | 35% | 2% |
| Pipe/Tank/Mining/Offshore | 45% | 51% | 4% |
| Electrical and Electronic | 36% | 64% | 0% |
| Other | 30% | 66% | 4% |
| Total | 49% | 45% | 6% |

| Company Count |
|---------------|
| 55 |
| 65 |
| 62 |
| 62 |
| 47 |
| 47 |
| 47 |
| 75 |

*Darker shading represents the higher responses by market segment. Shading does not represent statistical significance.

Current Product Lead Time



Survey Question: What is the current lead time for the following inputs? Please only answer for products for which you have knowledge.

| Overall | | | |
|-----------------------------|------------|--------|------------|
| Product | Increasing | Stable | Decreasing |
| Carbon Fiber Reinforcements | 19% | 79% | 2% |
| Glass Fiber Reinforcements | 16% | 74% | 9% |
| Basalt Fiber Reinforcements | 10% | 87% | 3% |
| Core Reinforcements | 14% | 84% | 2% |
| Epoxy | 27% | 65% | 7% |
| Polyurethane | 19% | 77% | 5% |
| Thermoplastic | 13% | 78% | 9% |
| Unsaturated Polyester Resin | 10% | 76% | 13% |
| Vinyl Ester | 17% | 72% | 11% |
| Total | 16% | 76% | 8% |

| Company Count |
|---------------|
| 44 |
| 83 |
| 30 |
| 47 |
| 53 |
| 42 |
| 41 |
| 66 |
| 63 |
| 97 |

| Manufacturer | | | |
|-----------------------------|------------|--------|------------|
| Product | Increasing | Stable | Decreasing |
| Carbon Fiber Reinforcements | 16% | 84% | 0% |
| Glass Fiber Reinforcements | 17% | 73% | 10% |
| Basalt Fiber Reinforcements | 5% | 89% | 5% |
| Core Reinforcements | 11% | 89% | 0% |
| Epoxy | 29% | 63% | 7% |
| Polyurethane | 23% | 70% | 7% |
| Thermoplastic | 7% | 86% | 7% |
| Unsaturated Polyester Resin | 13% | 73% | 15% |
| Vinyl Ester | 20% | 67% | 13% |
| Total | 17% | 76% | 8% |

| Company Count |
|---------------|
| 32 |
| 63 |
| 19 |
| 37 |
| 41 |
| 30 |
| 29 |
| 48 |
| 46 |
| 68 |

| Supplier / Distributor | | | |
|-----------------------------|------------|--------|------------|
| Product | Increasing | Stable | Decreasing |
| Carbon Fiber Reinforcements | 33% | 67% | 0% |
| Glass Fiber Reinforcements | 10% | 85% | 5% |
| Basalt Fiber Reinforcements | 18% | 82% | 0% |
| Core Reinforcements | 30% | 70% | 0% |
| Epoxy | 25% | 75% | 0% |
| Polyurethane | 8% | 92% | 0% |
| Thermoplastic | 25% | 75% | 0% |
| Unsaturated Polyester Resin | 6% | 83% | 11% |
| Vinyl Ester | 6% | 88% | 6% |
| Total | 16% | 81% | 3% |

| Company Count |
|---------------|
| 12 |
| 20 |
| 11 |
| 10 |
| 12 |
| 12 |
| 12 |
| 18 |
| 17 |
| 25 |

| Affiliate | | | |
|-----------------------------|------------|--------|------------|
| Product | Increasing | Stable | Decreasing |
| Carbon Fiber Reinforcements | 0% | 67% | 33% |
| Glass Fiber Reinforcements | 33% | 33% | 33% |
| Basalt Fiber Reinforcements | 0% | 100% | 0% |
| Core Reinforcements | 0% | 50% | 50% |
| Epoxy | 0% | 50% | 50% |
| Polyurethane | 0% | 100% | 0% |
| Thermoplastic | 25% | 25% | 50% |
| Unsaturated Polyester Resin | 0% | 100% | 0% |
| Vinyl Ester | 100% | 0% | 0% |
| Total | 17% | 50% | 33% |

| Company Count |
|---------------|
| 3 |
| 3 |
| 1 |
| 2 |
| 2 |
| 1 |
| 4 |
| 1 |
| 1 |
| 4 |

| Small: 1 - 10 Employees | | | |
|-----------------------------|------------|--------|------------|
| Product | Increasing | Stable | Decreasing |
| Carbon Fiber Reinforcements | 0% | 75% | 25% |
| Glass Fiber Reinforcements | 20% | 60% | 20% |
| Basalt Fiber Reinforcements | 0% | 100% | 0% |
| Core Reinforcements | 25% | 50% | 25% |
| Epoxy | 40% | 40% | 20% |
| Polyurethane | 0% | 100% | 0% |
| Thermoplastic | 33% | 33% | 33% |
| Unsaturated Polyester Resin | 0% | 100% | 0% |
| Vinyl Ester | 0% | 100% | 0% |
| Total | 20% | 60% | 20% |

| Company Count |
|---------------|
| 4 |
| 5 |
| 1 |
| 4 |
| 5 |
| 1 |
| 3 |
| 1 |
| 1 |
| 6 |

| Medium: 11-100 Employees | | | |
|-----------------------------|------------|--------|------------|
| Product | Increasing | Stable | Decreasing |
| Carbon Fiber Reinforcements | 18% | 82% | 0% |
| Glass Fiber Reinforcements | 23% | 64% | 14% |
| Basalt Fiber Reinforcements | 13% | 75% | 13% |
| Core Reinforcements | 21% | 79% | 0% |
| Epoxy | 40% | 50% | 10% |
| Polyurethane | 25% | 63% | 13% |
| Thermoplastic | 11% | 89% | 0% |
| Unsaturated Polyester Resin | 8% | 75% | 17% |
| Vinyl Ester | 38% | 46% | 15% |
| Total | 22% | 68% | 9% |

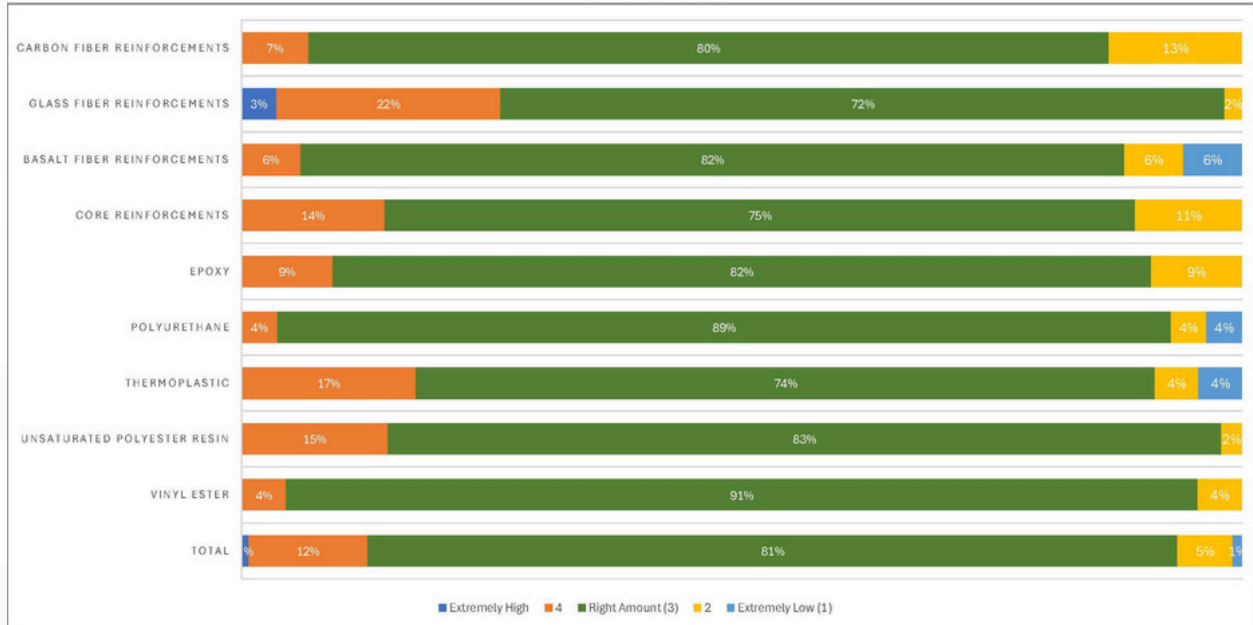
| Company Count |
|---------------|
| 11 |
| 22 |
| 8 |
| 14 |
| 10 |
| 8 |
| 9 |
| 12 |
| 13 |
| 23 |

| Large: 101+ Employees | | | |
|-----------------------------|------------|--------|------------|
| Product | Increasing | Stable | Decreasing |
| Carbon Fiber Reinforcements | 22% | 78% | 0% |
| Glass Fiber Reinforcements | 14% | 80% | 7% |
| Basalt Fiber Reinforcements | 9% | 91% | 0% |
| Core Reinforcements | 10% | 90% | 0% |
| Epoxy | 23% | 73% | 5% |
| Polyurethane | 18% | 79% | 3% |
| Thermoplastic | 12% | 79% | 9% |
| Unsaturated Polyester Resin | 11% | 76% | 13% |
| Vinyl Ester | 12% | 78% | 10% |
| Total | 14% | 79% | 6% |

| Company Count |
|---------------|
| 32 |
| 59 |
| 22 |
| 31 |
| 40 |
| 34 |
| 33 |
| 54 |
| 50 |
| 68 |

*Darker shading represents the higher responses by market segment. Shading does not represent statistical significance.

Current Inventory



Survey Question: Using a scale of 1 to 5 where "1" means extremely low inventory, "3" means the right amount, and "5" means extremely high inventory, how do you view inventory for the following inputs? Please only answer on products for which you have knowledge.

| Overall | | | | | |
|-----------------------------|----------------|------------|------------------|-----------|-------------------|
| Product | Extremely High | 4 | Right Amount (3) | 2 | Extremely Low (1) |
| Carbon Fiber Reinforcements | 0% | 7% | 80% | 13% | 0% |
| Glass Fiber Reinforcements | 3% | 22% | 72% | 2% | 0% |
| Basalt Fiber Reinforcements | 0% | 6% | 82% | 6% | 6% |
| Core Reinforcements | 0% | 14% | 75% | 11% | 0% |
| Epoxy | 0% | 9% | 82% | 9% | 0% |
| Polyurethane | 0% | 4% | 89% | 4% | 4% |
| Thermoplastic | 0% | 17% | 74% | 4% | 4% |
| Unsaturated Polyester Resin | 0% | 15% | 83% | 2% | 0% |
| Vinyl Ester | 0% | 4% | 91% | 4% | 0% |
| Total | 1% | 12% | 81% | 5% | 1% |

*Total based on Manufacturer and Supplier / Distributor responses only.

| Company Count |
|---------------|
| 41 |
| 76 |
| 25 |
| 41 |
| 44 |
| 36 |
| 35 |
| 60 |
| 59 |
| 85 |

| Manufacturer | | | | | |
|-----------------------------|----------------|------------|------------------|-----------|-------------------|
| Product | Extremely High | 4 | Right Amount (3) | 2 | Extremely Low (1) |
| Carbon Fiber Reinforcements | 0% | 11% | 70% | 19% | 0% |
| Glass Fiber Reinforcements | 4% | 24% | 69% | 4% | 0% |
| Basalt Fiber Reinforcements | 6% | 0% | 88% | 6% | 0% |
| Core Reinforcements | 0% | 7% | 87% | 7% | 0% |
| Epoxy | 0% | 16% | 66% | 19% | 0% |
| Polyurethane | 0% | 20% | 80% | 0% | 0% |
| Thermoplastic | 0% | 35% | 61% | 4% | 0% |
| Unsaturated Polyester Resin | 5% | 21% | 71% | 2% | 0% |
| Vinyl Ester | 2% | 17% | 71% | 10% | 0% |
| Total | 2% | 18% | 73% | 8% | 0% |

| Company Count |
|---------------|
| 27 |
| 55 |
| 16 |
| 30 |
| 32 |
| 25 |
| 23 |
| 42 |
| 42 |
| 60 |

| Supplier / Distributor | | | | | |
|-----------------------------|----------------|------------|------------------|-----------|-------------------|
| Product | Extremely High | 4 | Right Amount (3) | 2 | Extremely Low (1) |
| Carbon Fiber Reinforcements | 0% | 14% | 71% | 14% | 0% |
| Glass Fiber Reinforcements | 10% | 29% | 52% | 10% | 0% |
| Basalt Fiber Reinforcements | 0% | 0% | 100% | 0% | 0% |
| Core Reinforcements | 0% | 0% | 91% | 9% | 0% |
| Epoxy | 17% | 17% | 67% | 0% | 0% |
| Polyurethane | 9% | 0% | 73% | 0% | 18% |
| Thermoplastic | 8% | 17% | 58% | 8% | 8% |
| Unsaturated Polyester Resin | 0% | 6% | 89% | 0% | 6% |
| Vinyl Ester | 0% | 0% | 88% | 12% | 0% |
| Total | 5% | 10% | 75% | 6% | 3% |

| Company Count |
|---------------|
| 14 |
| 21 |
| 9 |
| 11 |
| 12 |
| 11 |
| 12 |
| 18 |
| 17 |
| 25 |

| Affiliate | | | | | |
|-----------------------------|----------------|----|------------------|-----|-------------------|
| Product | Extremely High | 4 | Right Amount (3) | 2 | Extremely Low (1) |
| Carbon Fiber Reinforcements | 0% | 0% | 0% | 0% | 100% |
| Glass Fiber Reinforcements | 0% | 0% | 0% | 50% | 50% |
| Basalt Fiber Reinforcements | 0% | 0% | 0% | 0% | 100% |
| Core Reinforcements | 0% | 0% | 0% | 0% | 100% |
| Epoxy | 0% | 0% | 50% | 0% | 50% |
| Polyurethane | 0% | 0% | 50% | 0% | 50% |
| Thermoplastic | 0% | 0% | 0% | 0% | 100% |
| Unsaturated Polyester Resin | 0% | 0% | 0% | 0% | 100% |
| Vinyl Ester | 0% | 0% | 50% | 50% | 0% |
| Total | 0% | 0% | 20% | 13% | 67% |

| Company Count |
|---------------|
| 2 |
| 2 |
| 1 |
| 1 |
| 2 |
| 2 |
| 2 |
| 1 |
| 2 |
| 2 |

| Small: 1 - 10 Employees | | | | | |
|-----------------------------|----------------|----|------------------|-----|-------------------|
| Product | Extremely High | 4 | Right Amount (3) | 2 | Extremely Low (1) |
| Carbon Fiber Reinforcements | 0% | 0% | 75% | 0% | 25% |
| Glass Fiber Reinforcements | 0% | 0% | 75% | 0% | 25% |
| Basalt Fiber Reinforcements | 0% | 0% | 100% | 0% | 0% |
| Core Reinforcements | 0% | 0% | 100% | 0% | 0% |
| Epoxy | 0% | 0% | 33% | 33% | 33% |
| Polyurethane | 0% | 0% | 50% | 0% | 50% |
| Thermoplastic | 0% | 0% | 50% | 0% | 50% |
| Unsaturated Polyester Resin | 0% | 0% | 100% | 0% | 0% |
| Vinyl Ester | 0% | 0% | 50% | 50% | 0% |
| Total | 0% | 0% | 67% | 10% | 24% |

| Company Count |
|---------------|
| 4 |
| 4 |
| 1 |
| 2 |
| 3 |
| 2 |
| 2 |
| 1 |
| 2 |
| 4 |

| Medium: 11 - 100 Employees | | | | | |
|-----------------------------|----------------|-----|------------------|-----|-------------------|
| Product | Extremely High | 4 | Right Amount (3) | 2 | Extremely Low (1) |
| Carbon Fiber Reinforcements | 0% | 0% | 71% | 14% | 14% |
| Glass Fiber Reinforcements | 6% | 6% | 59% | 29% | 0% |
| Basalt Fiber Reinforcements | 0% | 0% | 67% | 0% | 33% |
| Core Reinforcements | 0% | 0% | 80% | 10% | 10% |
| Epoxy | 14% | 14% | 29% | 43% | 0% |
| Polyurethane | 0% | 0% | 67% | 0% | 33% |
| Thermoplastic | 0% | 0% | 50% | 25% | 25% |
| Unsaturated Polyester Resin | 0% | 25% | 63% | 0% | 13% |
| Vinyl Ester | 0% | 20% | 50% | 30% | 0% |
| Total | 3% | 9% | 59% | 20% | 9% |

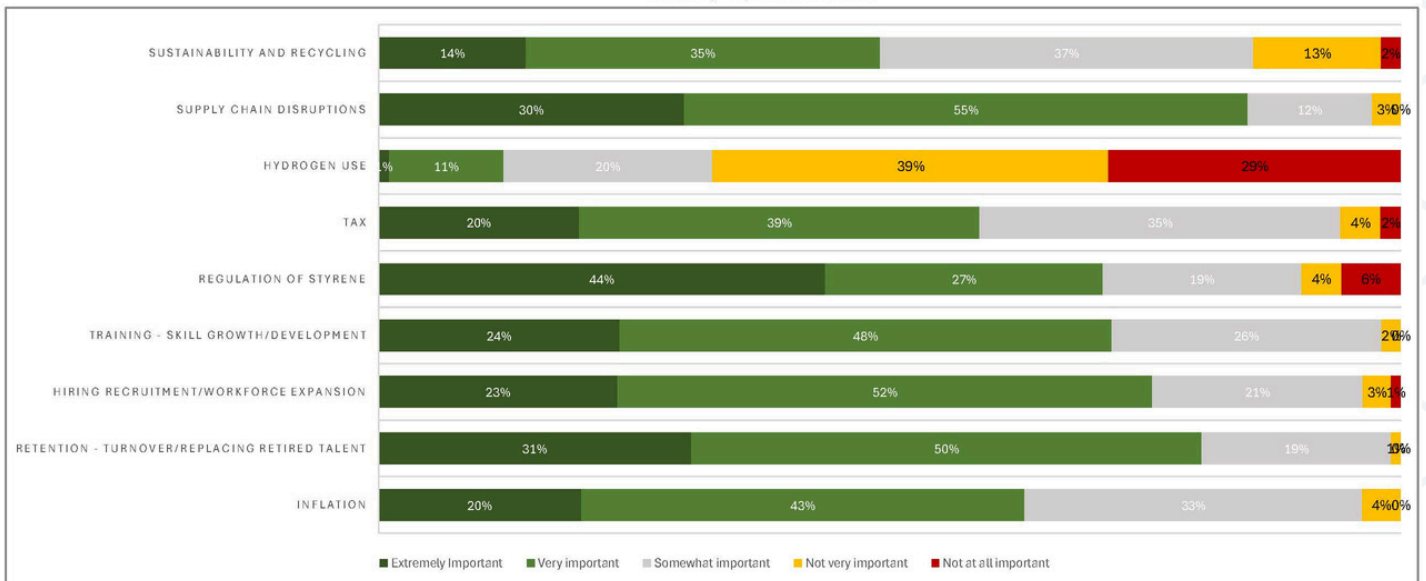
| Company Count |
|---------------|
| 7 |
| 17 |
| 3 |
| 10 |
| 7 |
| 3 |
| 4 |
| 8 |
| 10 |
| 18 |

| Large: 101+ Employees | | | | | |
|-----------------------------|----------------|-----|------------------|-----|-------------------|
| Product | Extremely High | 4 | Right Amount (3) | 2 | Extremely Low (1) |
| Carbon Fiber Reinforcements | 0% | 16% | 66% | 19% | 0% |
| Glass Fiber Reinforcements | 5% | 32% | 63% | 0% | 0% |
| Basalt Fiber Reinforcements | 5% | 0% | 91% | 5% | 0% |
| Core Reinforcements | 0% | 7% | 87% | 7% | 0% |
| Epoxy | 3% | 17% | 75% | 6% | 0% |
| Polyurethane | 3% | 15% | 79% | 0% | 3% |
| Thermoplastic | 3% | 32% | 58% | 3% | 3% |
| Unsaturated Polyester Resin | 4% | 15% | 77% | 2% | 2% |
| Vinyl Ester | 2% | 10% | 82% | 6% | 0% |
| Total | 3% | 17% | 74% | 5% | 1% |

| Company Count |
|---------------|
| 32 |
| 57 |
| 22 |
| 30 |
| 36 |
| 33 |
| 31 |
| 52 |
| 49 |
| 65 |

*Darker shading represents the higher responses by market segment. Shading does not represent statistical significance.

Industry Topics of Interest



Survey Question: Based on what you have read and heard, how important do you consider each of the following issues to your company?

Table continued on next page

Top Two Topics of Interest

| Topic | Percent Very or Extremely Important |
|---|-------------------------------------|
| Supply Chain Disruptions | 12.33% |
| Retention - Turnover/Replacing retired talent | 11.79% |

*Top Two Topics calculated as the highest percentage of very or extremely important topics out of all very or extremely important responses.

| Overall | | | | | |
|---|---------------------|----------------|--------------------|--------------------|----------------------|
| Topic | Extremely Important | Very important | Somewhat important | Not very important | Not at all important |
| Sustainability and Recycling | 14% | 35% | 37% | 13% | 2% |
| Supply Chain Disruptions | 30% | 55% | 12% | 3% | 0% |
| Hydrogen Use | 1% | 11% | 20% | 39% | 29% |
| Tax | 20% | 39% | 35% | 4% | 2% |
| Regulation of Styrene | 44% | 27% | 19% | 4% | 6% |
| Training - Skill Growth/Development | 24% | 48% | 26% | 2% | 0% |
| Hiring Recruitment/Workforce Expansion | 23% | 52% | 21% | 3% | 1% |
| Retention - Turnover/Replacing retired talent | 31% | 50% | 19% | 1% | 0% |
| Inflation | 20% | 43% | 33% | 4% | 0% |
| Import Competition | 26% | 34% | 27% | 12% | 1% |
| Tariffs on Inputs | 31% | 41% | 19% | 9% | 1% |

| Company Count |
|---------------|
| 104 |
| 107 |
| 98 |
| 102 |
| 103 |
| 106 |
| 107 |
| 108 |
| 106 |
| 105 |
| 108 |

| Manufacturer | | | | | |
|---|---------------------|----------------|--------------------|--------------------|----------------------|
| Topic | Extremely Important | Very important | Somewhat important | Not very important | Not at all important |
| Sustainability and Recycling | 14% | 35% | 38% | 11% | 3% |
| Supply Chain Disruptions | 32% | 60% | 8% | 0% | 0% |
| Hydrogen Use | 2% | 14% | 18% | 41% | 26% |
| Tax | 21% | 42% | 34% | 3% | 0% |
| Regulation of Styrene | 41% | 33% | 18% | 3% | 5% |
| Training - Skill Growth/Development | 32% | 49% | 18% | 1% | 0% |
| Hiring Recruitment/Workforce Expansion | 28% | 57% | 14% | 1% | 0% |
| Retention - Turnover/Replacing retired talent | 39% | 43% | 17% | 1% | 0% |
| Inflation | 19% | 47% | 31% | 3% | 0% |
| Import Competition | 21% | 35% | 29% | 14% | 1% |
| Tariffs on Inputs | 27% | 43% | 23% | 8% | 0% |

| Company Count |
|---------------|
| 72 |
| 75 |
| 66 |
| 71 |
| 73 |
| 73 |
| 74 |
| 75 |
| 72 |
| 72 |
| 75 |

| Supplier / Distributor | | | | | |
|---|---------------------|----------------|--------------------|--------------------|----------------------|
| Topic | Extremely Important | Very important | Somewhat important | Not very important | Not at all important |
| Sustainability and Recycling | 15% | 38% | 31% | 15% | 0% |
| Supply Chain Disruptions | 27% | 42% | 23% | 8% | 0% |
| Hydrogen Use | 0% | 7% | 22% | 37% | 33% |
| Tax | 15% | 33% | 41% | 4% | 7% |
| Regulation of Styrene | 52% | 15% | 19% | 7% | 7% |
| Training - Skill Growth/Development | 0% | 48% | 48% | 4% | 0% |
| Hiring Recruitment/Workforce Expansion | 4% | 48% | 37% | 7% | 4% |
| Retention - Turnover/Replacing retired talent | 7% | 74% | 19% | 0% | 0% |
| Inflation | 19% | 37% | 37% | 7% | 0% |
| Import Competition | 37% | 33% | 26% | 4% | 0% |
| Tariffs on Inputs | 37% | 44% | 11% | 7% | 0% |

| Company Count |
|---------------|
| 26 |
| 26 |
| 27 |
| 27 |
| 27 |
| 27 |
| 27 |
| 27 |
| 27 |
| 27 |
| 27 |

| Affiliate | | | | | |
|---|---------------------|----------------|--------------------|--------------------|----------------------|
| Topic | Extremely Important | Very Important | Somewhat important | Not very important | Not at all important |
| Sustainability and Recycling | 17% | 17% | 50% | 17% | 0% |
| Supply Chain Disruptions | 17% | 50% | 17% | 17% | 0% |
| Hydrogen Use | 0% | 0% | 40% | 20% | 40% |
| Tax | 25% | 25% | 25% | 25% | 0% |
| Regulation of Styrene | 33% | 0% | 67% | 0% | 0% |
| Training - Skill Growth/Development | 33% | 33% | 33% | 0% | 0% |
| Hiring Recruitment/Workforce Expansion | 50% | 17% | 33% | 0% | 0% |
| Retention - Turnover/Replacing retired talent | 33% | 33% | 33% | 0% | 0% |
| Inflation | 29% | 29% | 43% | 0% | 0% |
| Import Competition | 33% | 33% | 0% | 33% | 0% |
| Tariffs on Inputs | 50% | 0% | 0% | 33% | 17% |

| Company Count |
|---------------|
| 6 |
| 6 |
| 5 |
| 4 |
| 3 |
| 6 |
| 6 |
| 6 |
| 7 |
| 6 |
| 6 |

| Small: 1 - 10 Employees | | | | | |
|---|---------------------|----------------|--------------------|--------------------|----------------------|
| Topic | Extremely Important | Very Important | Somewhat important | Not very important | Not at all important |
| Sustainability and Recycling | 14% | 14% | 43% | 14% | 14% |
| Supply Chain Disruptions | 29% | 29% | 43% | 0% | 0% |
| Hydrogen Use | 0% | 0% | 33% | 33% | 33% |
| Tax | 50% | 50% | 0% | 0% | 0% |
| Regulation of Styrene | 20% | 20% | 20% | 20% | 20% |
| Training - Skill Growth/Development | 14% | 57% | 29% | 0% | 0% |
| Hiring Recruitment/Workforce Expansion | 29% | 57% | 14% | 0% | 0% |
| Retention - Turnover/Replacing retired talent | 29% | 29% | 43% | 0% | 0% |
| Inflation | 38% | 50% | 13% | 0% | 0% |
| Import Competition | 29% | 43% | 14% | 14% | 0% |
| Tariffs on Inputs | 43% | 29% | 14% | 14% | 0% |

| Company Count |
|---------------|
| 7 |
| 7 |
| 6 |
| 6 |
| 5 |
| 7 |
| 7 |
| 7 |
| 8 |
| 7 |
| 7 |

| Medium: 11 - 100 Employees | | | | | |
|---|---------------------|----------------|--------------------|--------------------|----------------------|
| Topic | Extremely Important | Very Important | Somewhat important | Not very important | Not at all important |
| Sustainability and Recycling | 8% | 21% | 50% | 21% | 0% |
| Supply Chain Disruptions | 28% | 56% | 16% | 0% | 0% |
| Hydrogen Use | 0% | 0% | 10% | 57% | 33% |
| Tax | 29% | 42% | 29% | 0% | 0% |
| Regulation of Styrene | 46% | 17% | 17% | 8% | 13% |
| Training - Skill Growth/Development | 25% | 54% | 17% | 4% | 0% |
| Hiring Recruitment/Workforce Expansion | 24% | 52% | 20% | 0% | 4% |
| Retention - Turnover/Replacing retired talent | 36% | 40% | 24% | 0% | 0% |
| Inflation | 25% | 42% | 29% | 4% | 0% |
| Import Competition | 17% | 22% | 35% | 26% | 0% |
| Tariffs on Inputs | 24% | 40% | 24% | 8% | 4% |

| Company Count |
|---------------|
| 24 |
| 25 |
| 21 |
| 24 |
| 24 |
| 24 |
| 25 |
| 25 |
| 25 |
| 24 |
| 23 |
| 25 |

| Large: 101+ Employees | | | | | |
|---|---------------------|----------------|--------------------|--------------------|----------------------|
| Topic | Extremely Important | Very Important | Somewhat important | Not very important | Not at all important |
| Sustainability and Recycling | 16% | 41% | 32% | 10% | 1% |
| Supply Chain Disruptions | 31% | 57% | 8% | 4% | 0% |
| Hydrogen Use | 1% | 15% | 23% | 34% | 27% |
| Tax | 14% | 38% | 40% | 6% | 3% |
| Regulation of Styrene | 45% | 31% | 20% | 1% | 3% |
| Training - Skill Growth/Development | 24% | 45% | 29% | 1% | 0% |
| Hiring Recruitment/Workforce Expansion | 23% | 52% | 21% | 4% | 0% |
| Retention - Turnover/Replacing retired talent | 29% | 55% | 14% | 1% | 0% |
| Inflation | 16% | 43% | 36% | 4% | 0% |
| Import Competition | 28% | 37% | 25% | 8% | 1% |
| Tariffs on Inputs | 32% | 42% | 17% | 9% | 0% |

| Company Count |
|---------------|
| 73 |
| 75 |
| 71 |
| 72 |
| 74 |
| 74 |
| 74 |
| 74 |
| 74 |
| 74 |
| 74 |
| 76 |

*Darker shading represents the higher responses by market segment. Shading does not represent statistical significance.

Other Industry Topics of Interest

Topic
PFAS

Count
1

Survey Question: Based on what you have read and heard, how important do you consider each of the following issues to your company?

Background:

Purpose:

The purpose of the survey is to gauge perceptions about how the composites industry is performing over time. Published data from the survey will allow members to assess how their company's markets and inputs are trending relative to the overall composites industry; and enable ACMA to identify hot topics in the composites industry for which the association should be engaged on behalf of its members.

ACMA will also use the survey to gauge the perceived value of association membership and identify any strengths and areas for improvement.

Survey Objectives:

To assess perceptions of end market segments over the next quarter and next 9 months
To determine the size of composites inputs inventory
To identify issues that members perceive to be important in the composites industry

Survey Methodology:

The survey is conducted on a quarterly basis among members of ACMA. The survey takes approximately **5 minutes** to complete and remain in the field for roughly two weeks. Vault Consulting will distribute the survey each quarter and will be responsible for collecting, aggregating, and reporting results each quarter. Reports will be published roughly two weeks after fieldwork closes.

Sample sizes for the current quarter were as follows:

Total Respondents 109
Manufacturers 75
Supplier/Distributor 27
Affiliates 7

Data collection was conducted between 12/5/2024 and 12/20/2024.

**For more information on this survey or how to participate please
contact Paige Patterson at ppatterson@acmanet.org**