



ACMA 1Q25 Pulse of the Industry Survey

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Compiled by Vault Consulting, LLC



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SUMMARY OF KEY FINDINGS:

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.

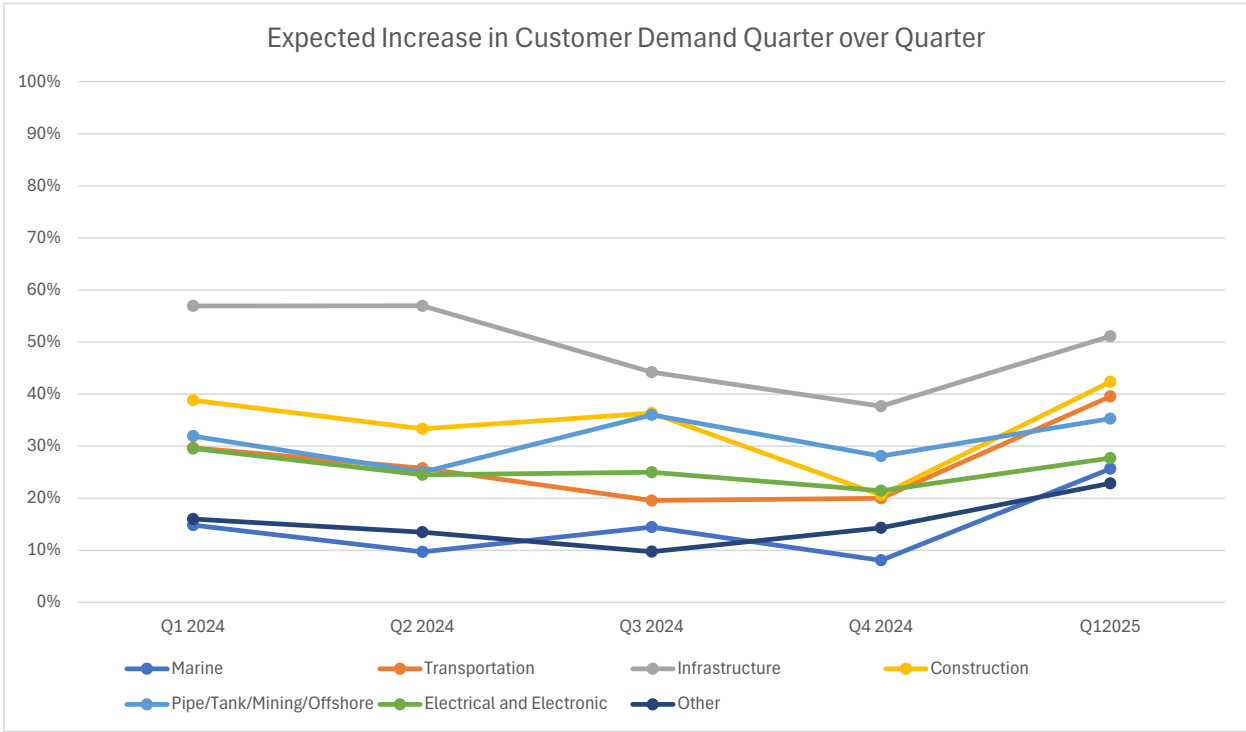
Importance of Issues:

- 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.

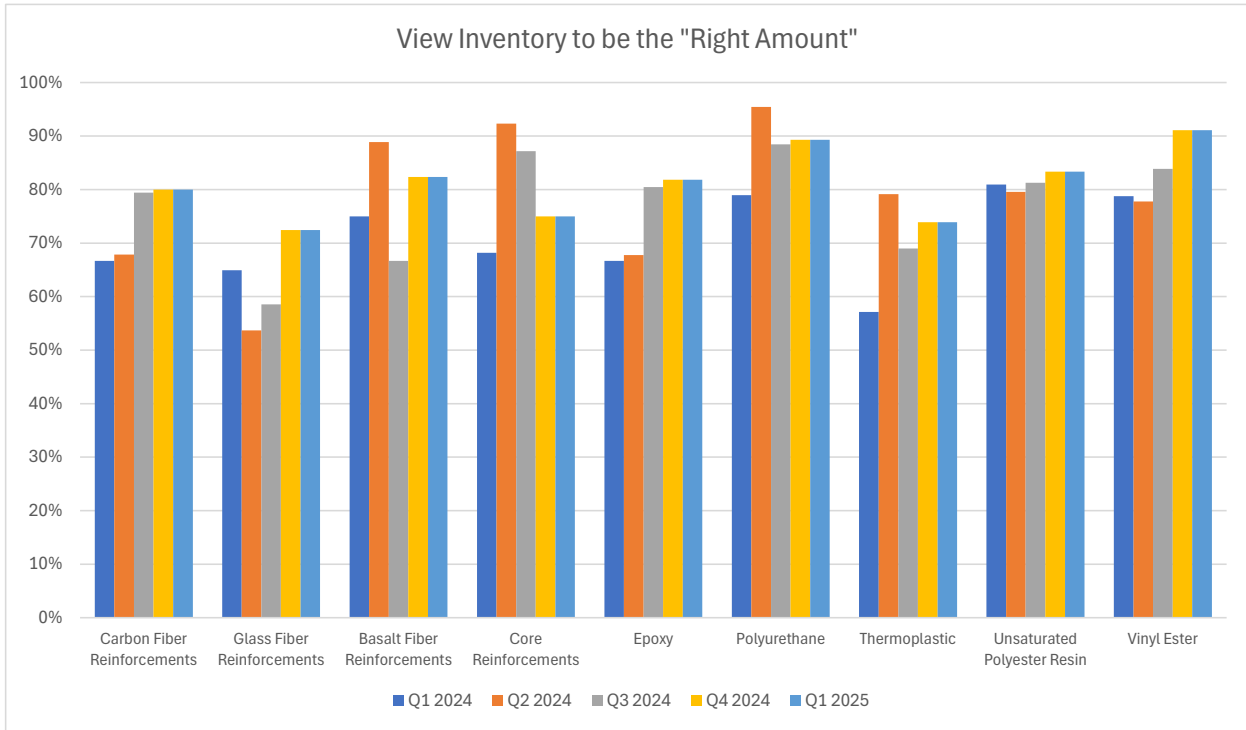
Supply Chain Disruptions are expected in all categories, with most expecting to see this with fibers suppliers, resins suppliers and specialized chemicals suppliers.

This quarter, two new annual questions were added to better understand how members are making decisions for their business.

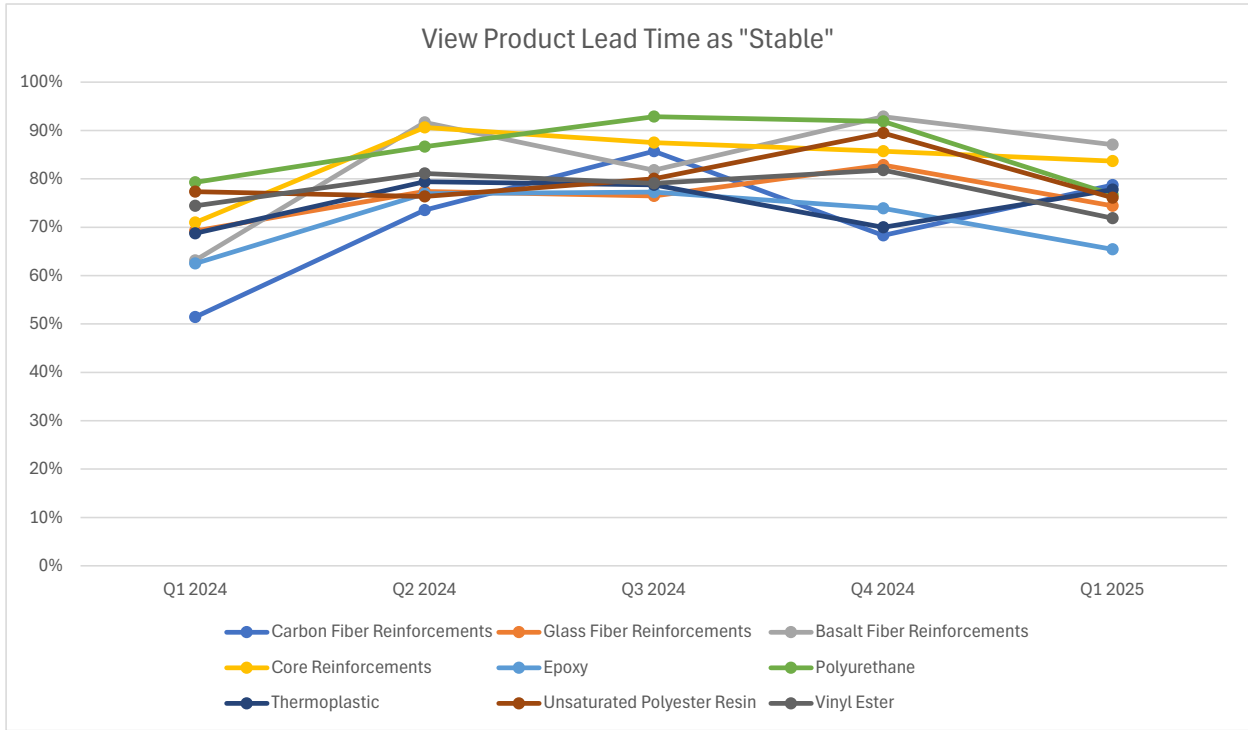
- One is how important are different economic indicators to determining growth or decline in the industry. Just over **78%** of respondents report **Interest Rates** are extremely/very important to their business with **two-thirds** indicating **Inflation** is an important indicator.
- The second question 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.



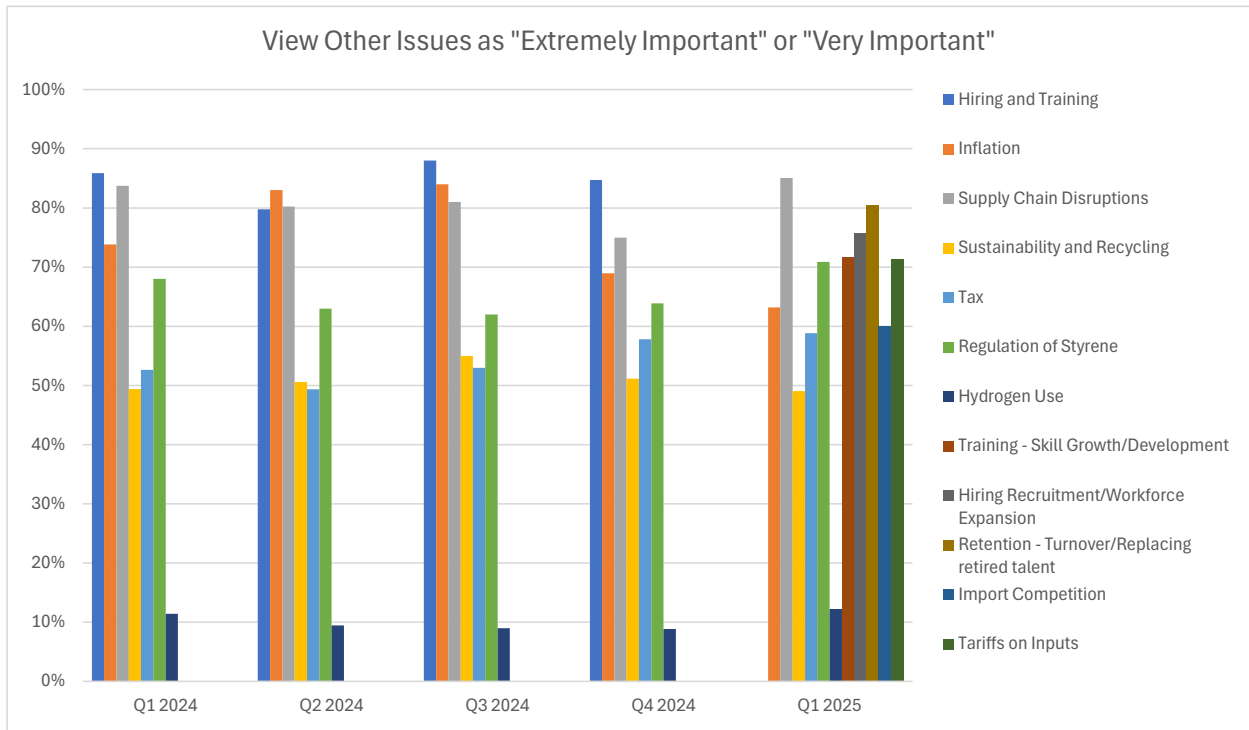
What is the outlook for customer demand in North America in the current quarter compared to the prior quarter for the following markets? Please only answer for markets for which you have knowledge.



Using a scale of 1 to 5 where "1" 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.



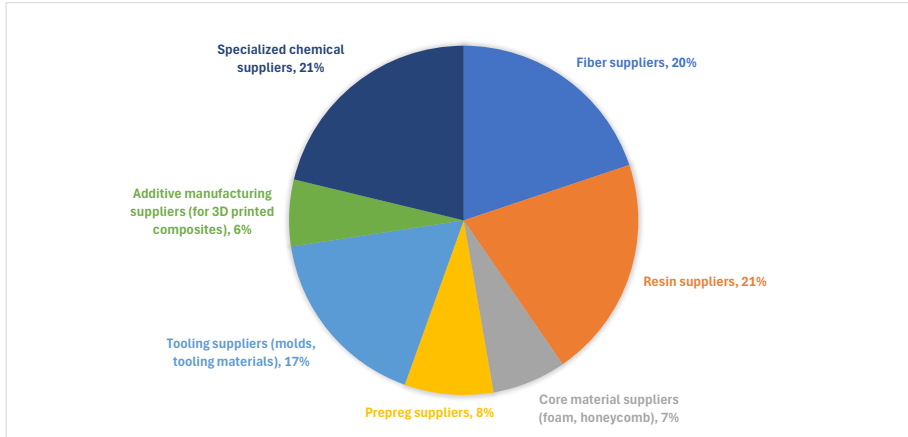
What is the current lead time for the following inputs? Please only answer for products for which you have knowledge.



*Hiring and Training expanded to new categories (1) Hiring Recruitment/Workforce Expansion, (2) Training, (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 DISRUPTIONS



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
Total	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
Total	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
Total	12

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%

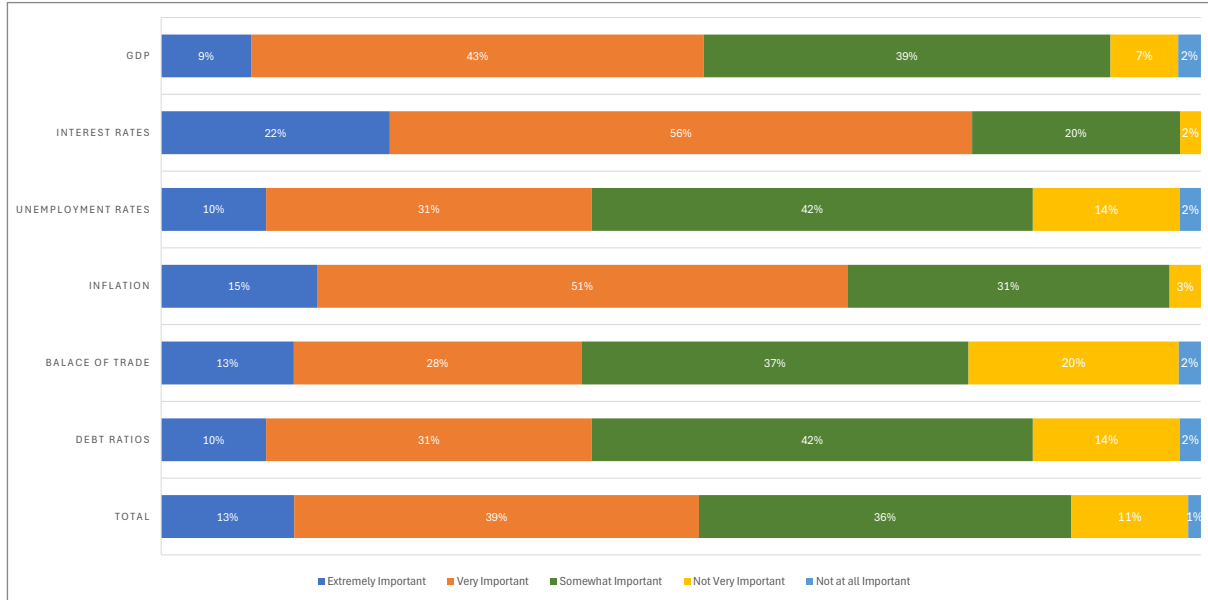
Company Count
8
10
5
3
5
2
5
14

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

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

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%

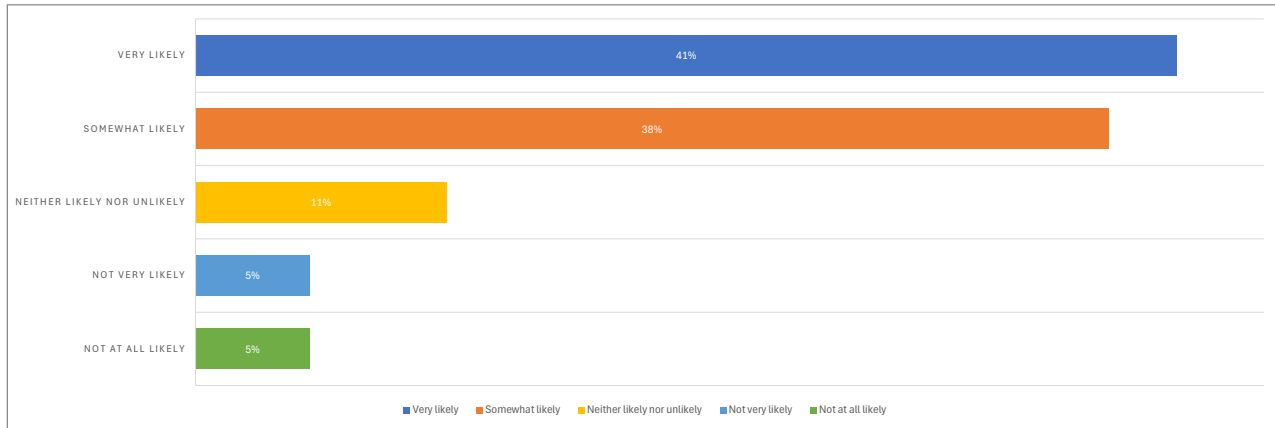
Company Count
21
23
23
24
22
22
24

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



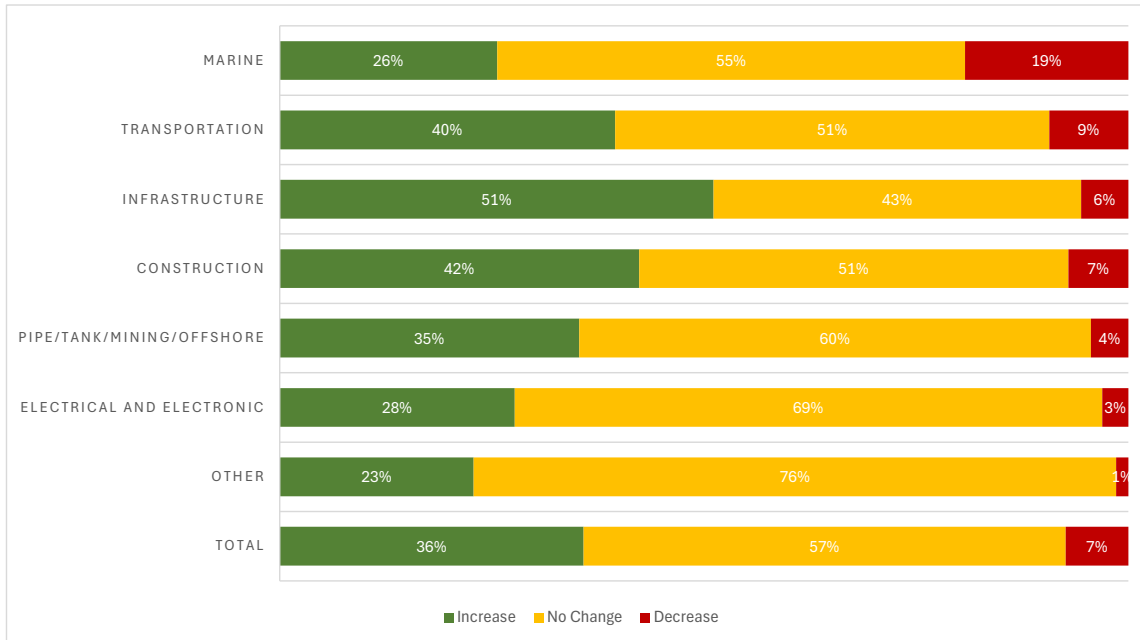
Annual Survey Question: How likely are you to invest in capital equipment expenditures in the next 12 months?

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.

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%

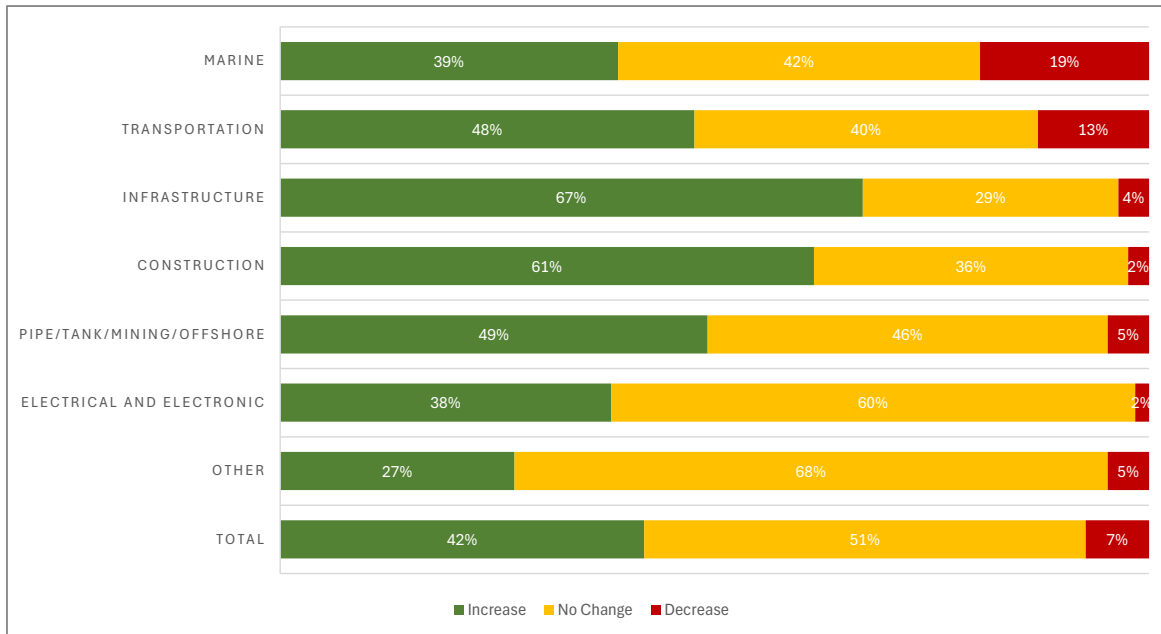
Company Count
14
18
19
19
14
11
13
25

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%

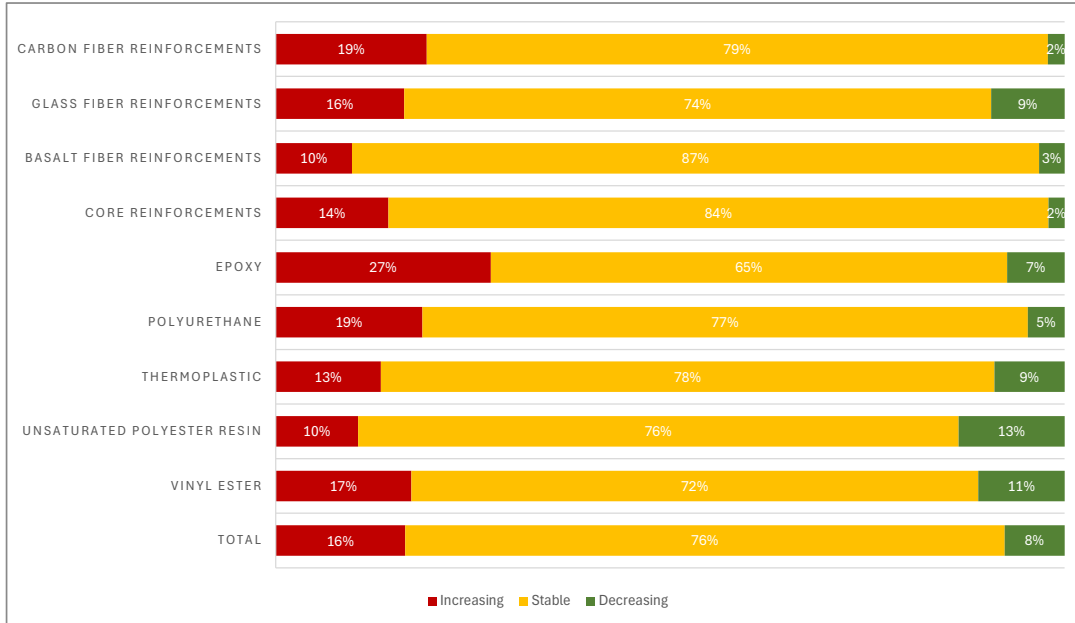
Company Count
14
18
17
18
13
12
12
24

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%

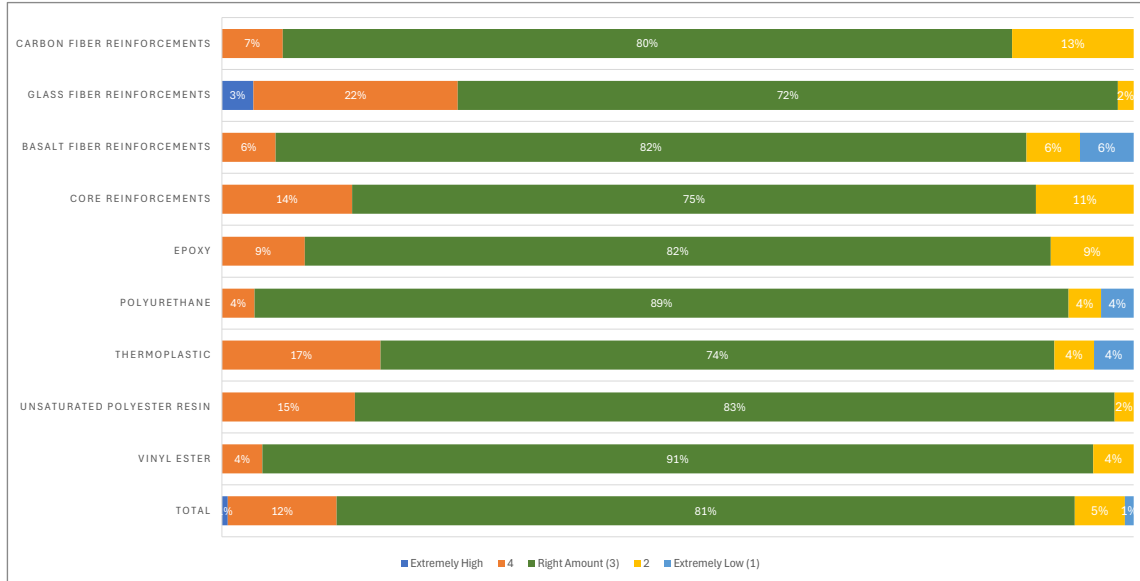
Company Count
11
22
8
14
10
8
9
12
13
23

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%

Company Count
41
76
25
41
44
39
35
60
59
85

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

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%

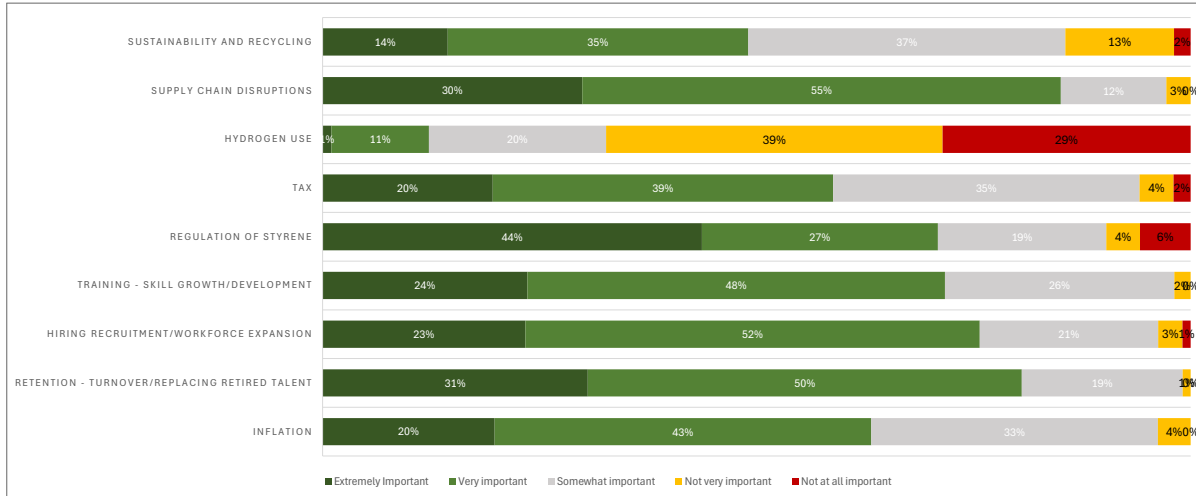
Company Count
7
17
3
10
7
3
4
8
10
18

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?

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
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
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	Count
PFAS	1

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

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 year

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