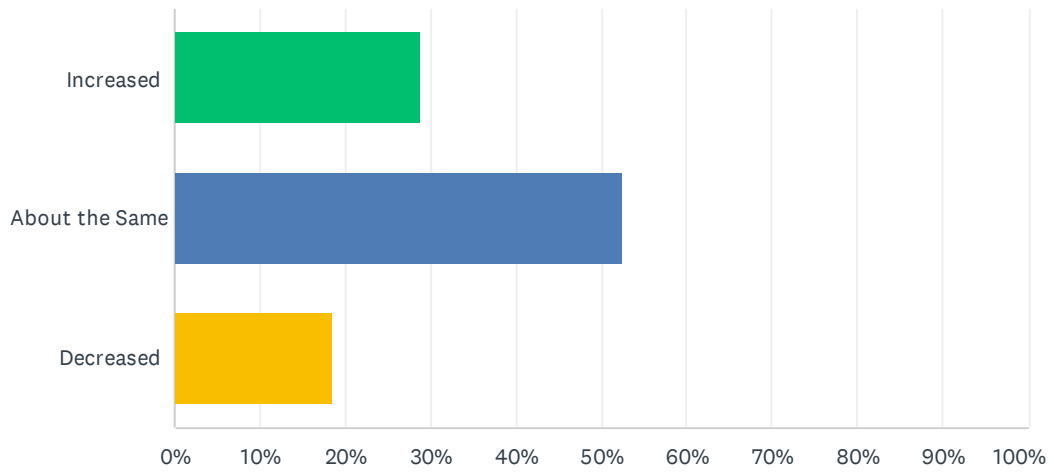


Q1 How have your company's sales trended over the last 90 days?

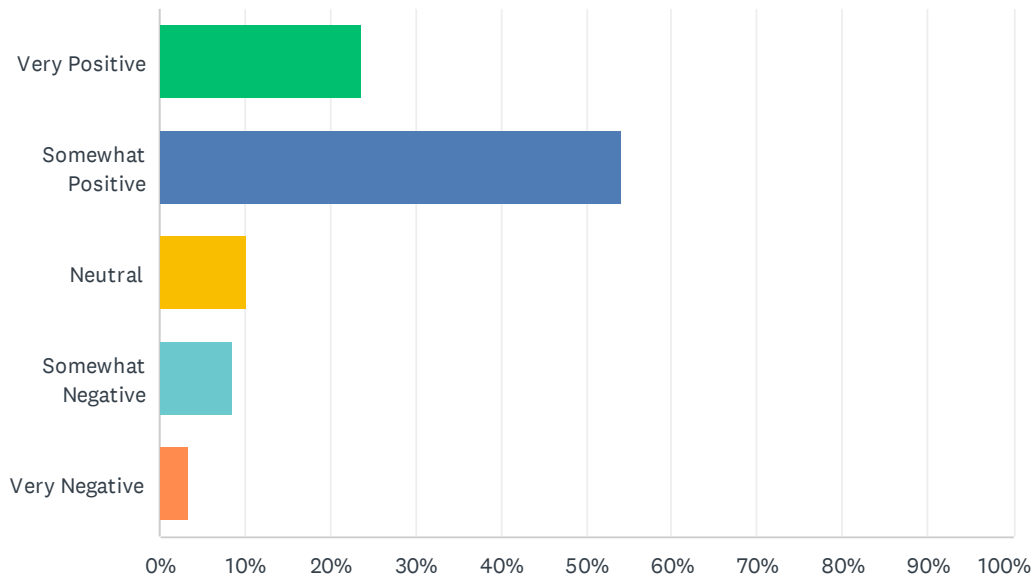
Answered: 59 Skipped: 0



ANSWER CHOICES	RESPONSES	
Increased	28.81%	17
About the Same	52.54%	31
Decreased	18.64%	11
TOTAL		59

Q2 What is your business outlook for the next 12 months?

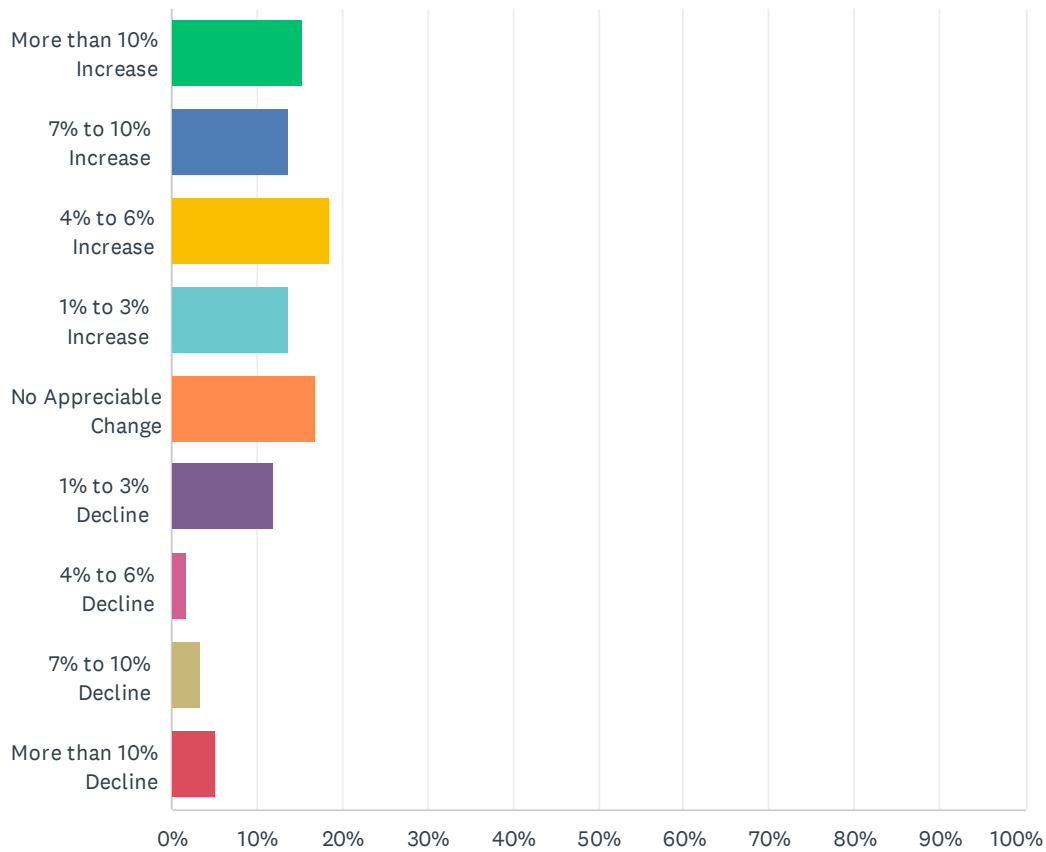
Answered: 59 Skipped: 0



ANSWER CHOICES	RESPONSES	
Very Positive	23.73%	14
Somewhat Positive	54.24%	32
Neutral	10.17%	6
Somewhat Negative	8.47%	5
Very Negative	3.39%	2
TOTAL		59

Q3 What are your foundry's sales projections for the next 12 months?

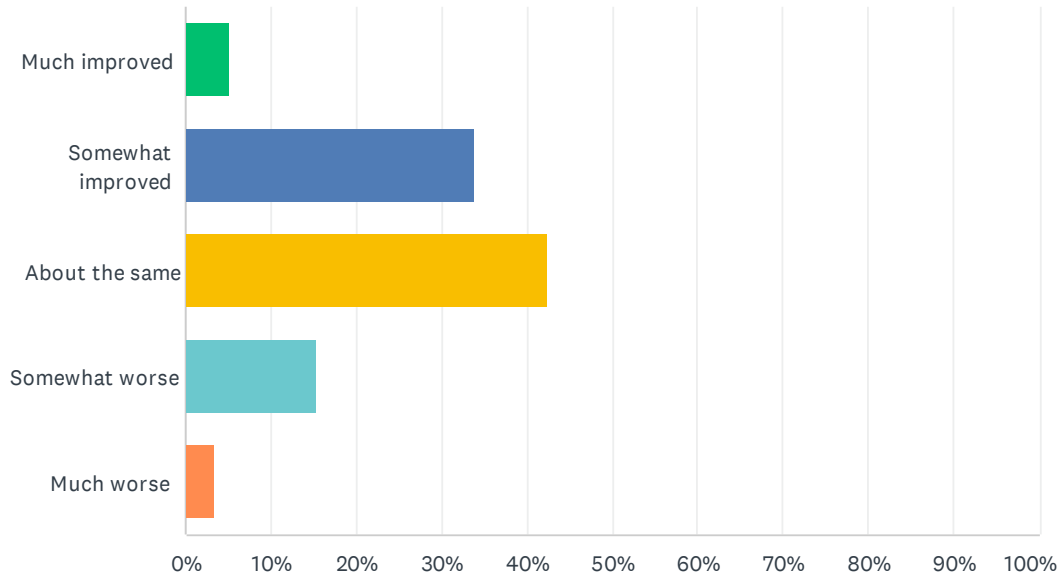
Answered: 59 Skipped: 0



ANSWER CHOICES	RESPONSES	
More than 10% Increase	15.25%	9
7% to 10% Increase	13.56%	8
4% to 6% Increase	18.64%	11
1% to 3% Increase	13.56%	8
No Appreciable Change	16.95%	10
1% to 3% Decline	11.86%	7
4% to 6% Decline	1.69%	1
7% to 10% Decline	3.39%	2
More than 10% Decline	5.08%	3
TOTAL		59

Q4 Compared to six months ago, would you say the availability of workers at your foundry is:

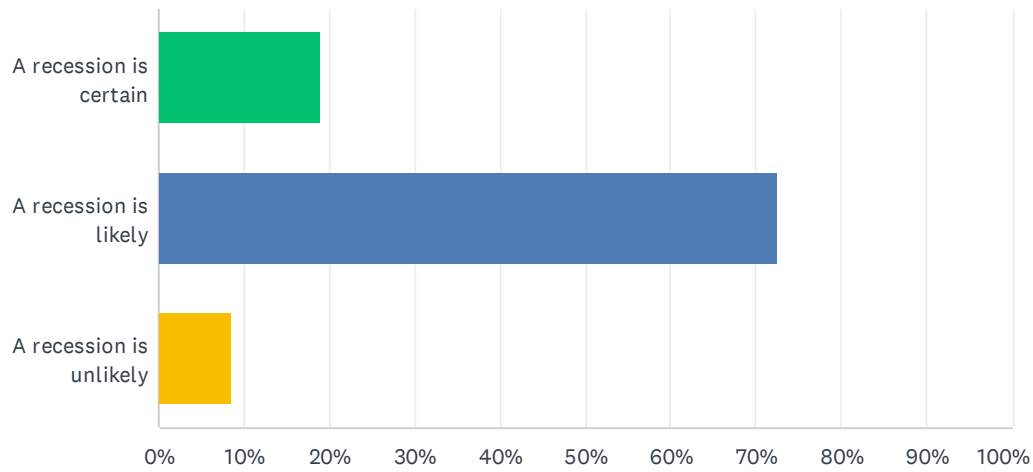
Answered: 59 Skipped: 0



ANSWER CHOICES	RESPONSES	
Much improved	5.08%	3
Somewhat improved	33.90%	20
About the same	42.37%	25
Somewhat worse	15.25%	9
Much worse	3.39%	2
TOTAL		59

Q5 Which best describes your view of a recession in 2023?

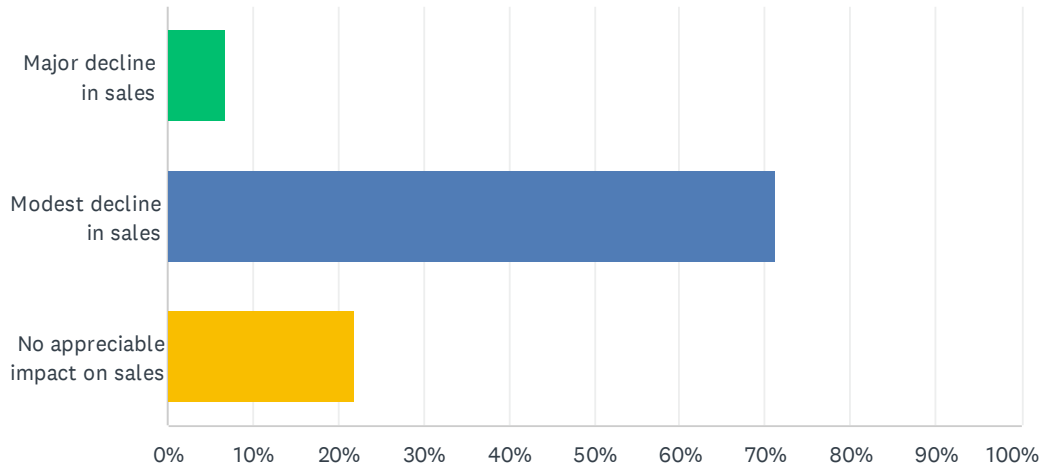
Answered: 58 Skipped: 1



ANSWER CHOICES	RESPONSES	
A recession is certain	18.97%	11
A recession is likely	72.41%	42
A recession is unlikely	8.62%	5
TOTAL		58

Q6 If the economy enters a recession, what impact do you expect on your foundry?

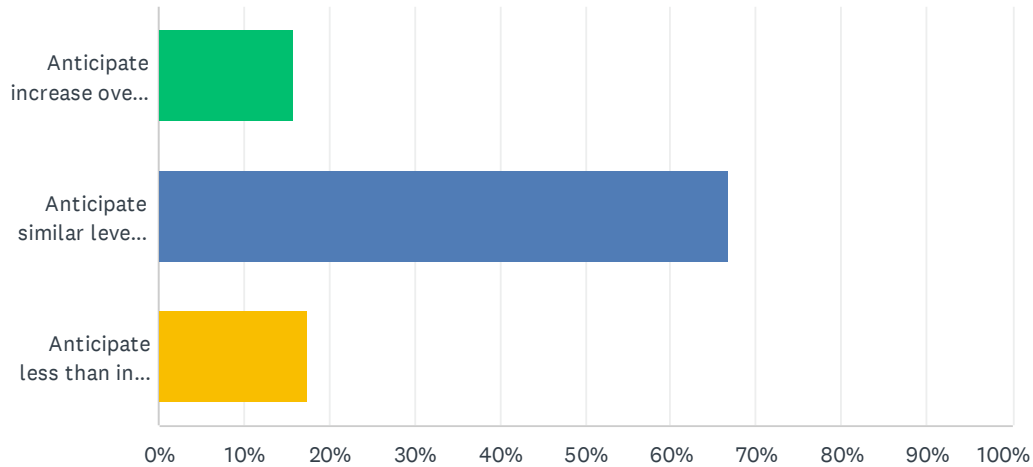
Answered: 59 Skipped: 0



ANSWER CHOICES	RESPONSES
Major decline in sales	6.78% 4
Modest decline in sales	71.19% 42
No appreciable impact on sales	22.03% 13
TOTAL	59

Q7 Which best describes your foundry's expectations for 2023 concerning reshoring?

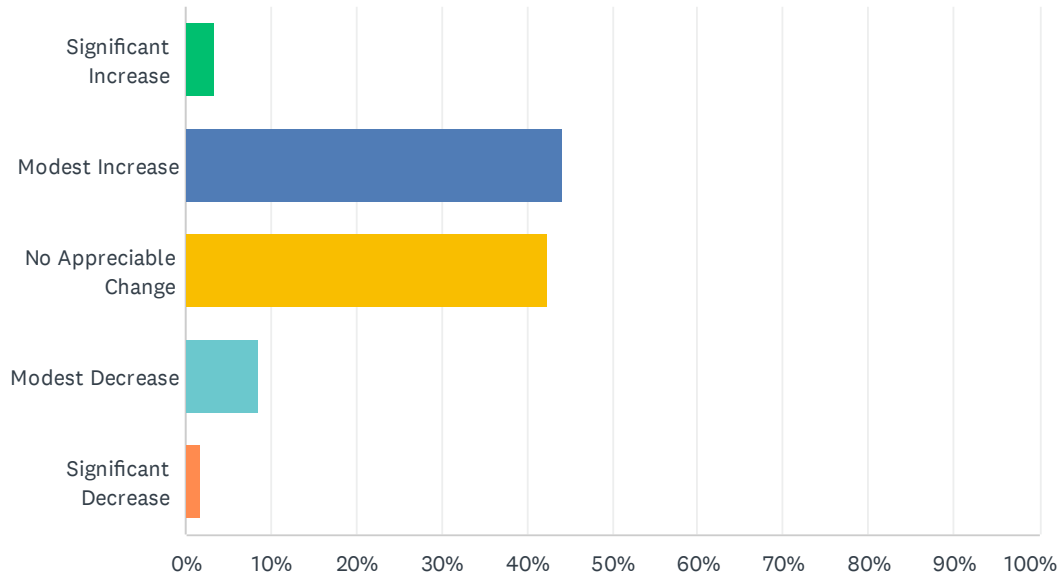
Answered: 57 Skipped: 2



ANSWER CHOICES	RESPONSES	
Anticipate increase over 2022	15.79%	9
Anticipate similar level as 2022	66.67%	38
Anticipate less than in 2022	17.54%	10
TOTAL		57

Q8 How do you expect the number of full-time employees in your facility to change over the next 12 months?

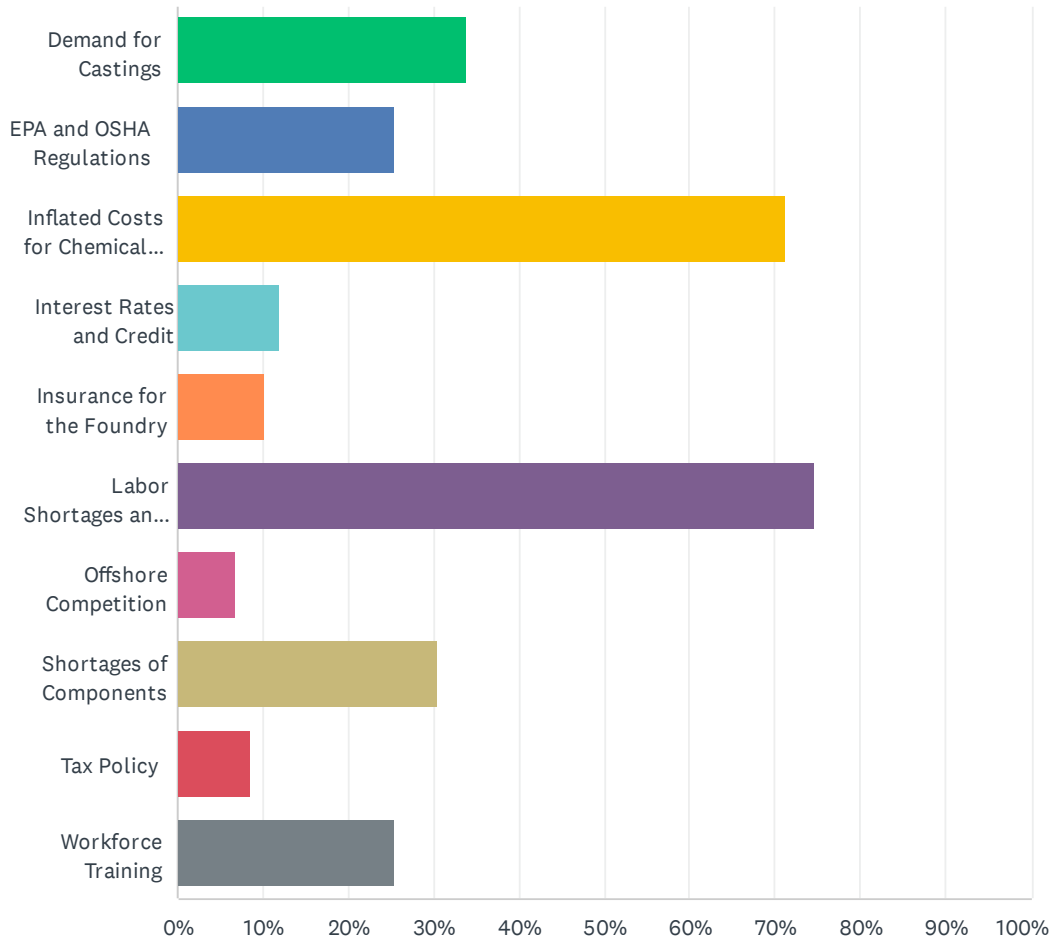
Answered: 59 Skipped: 0



ANSWER CHOICES	RESPONSES	
Significant Increase	3.39%	2
Modest Increase	44.07%	26
No Appreciable Change	42.37%	25
Modest Decrease	8.47%	5
Significant Decrease	1.69%	1
TOTAL		59

Q9 Which of these issues are the top 3 concerns or priorities for your company at this time?

Answered: 59 Skipped: 0

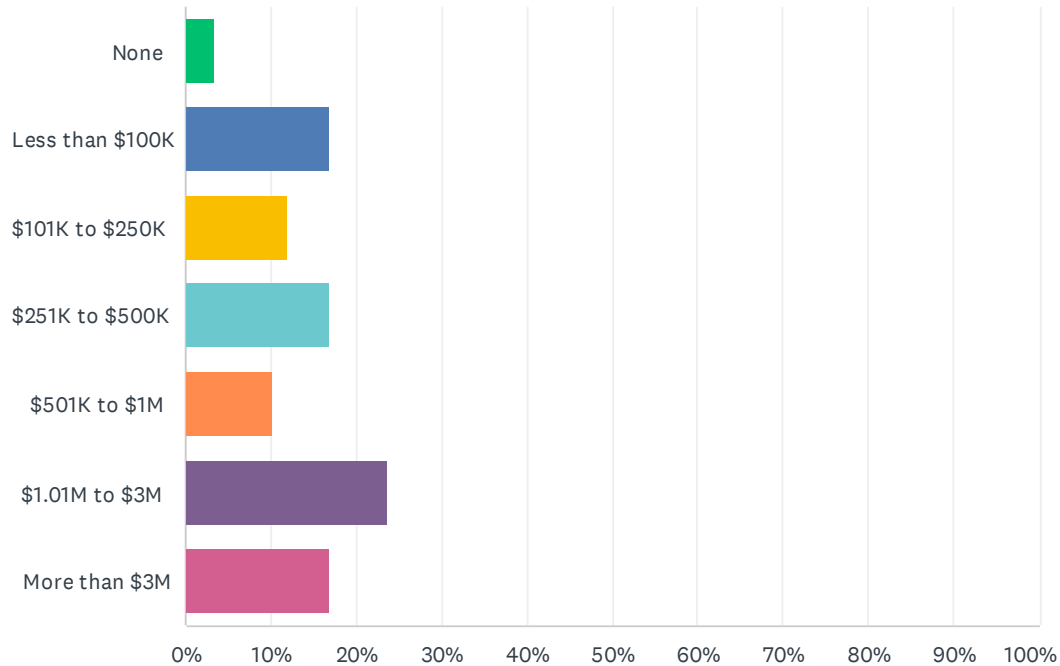


November 2022 Metalcasters Quarterly Outlook Survey

ANSWER CHOICES	RESPONSES	
Demand for Castings	33.90%	20
EPA and OSHA Regulations	25.42%	15
Inflated Costs for Chemicals, Materials and Energy	71.19%	42
Interest Rates and Credit	11.86%	7
Insurance for the Foundry	10.17%	6
Labor Shortages and Wage Inflation	74.58%	44
Offshore Competition	6.78%	4
Shortages of Components	30.51%	18
Tax Policy	8.47%	5
Workforce Training	25.42%	15
Total Respondents: 59		

Q10 Which best describes your foundry's planned capital investments over the next 12 months?

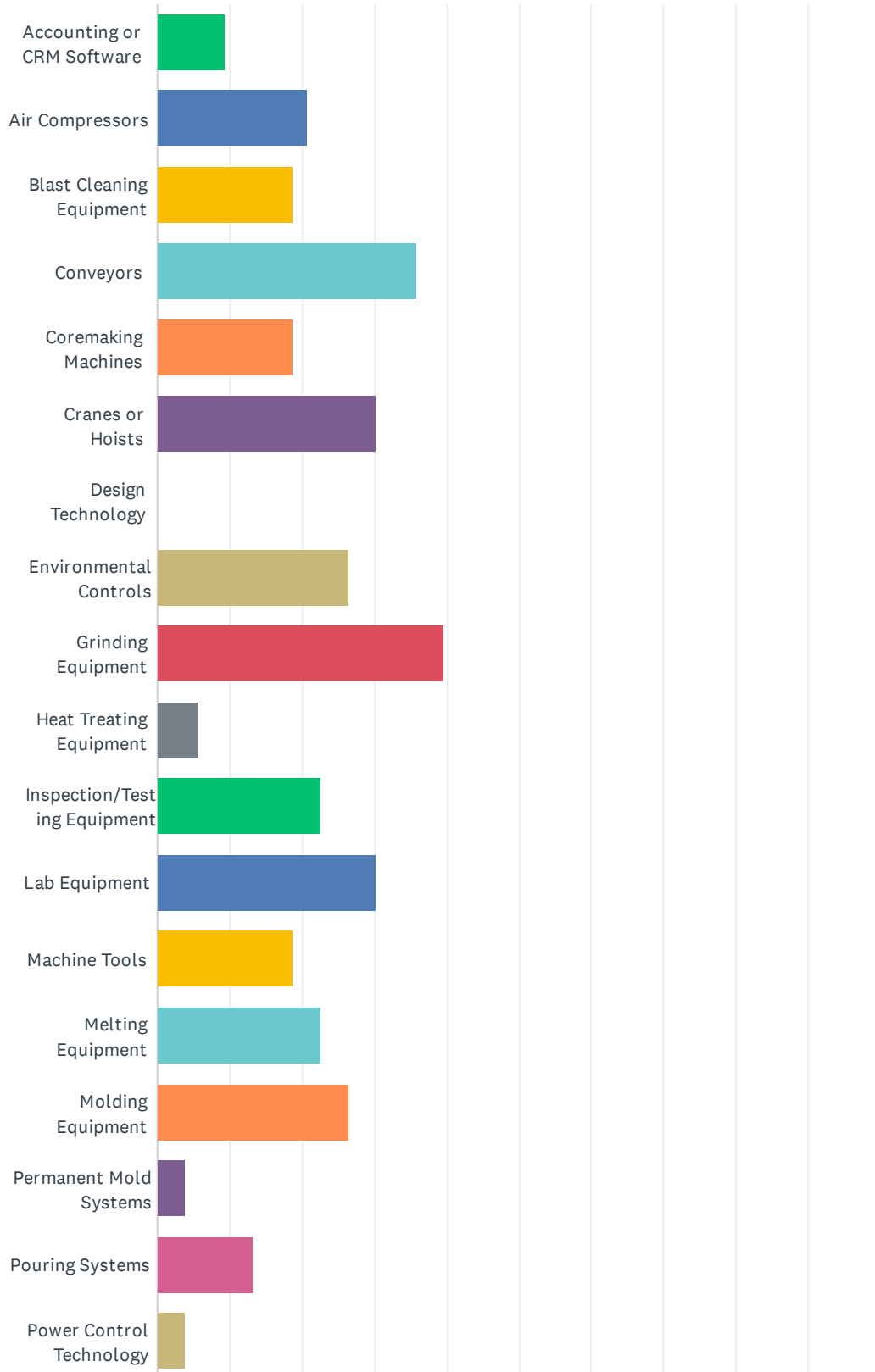
Answered: 59 Skipped: 0



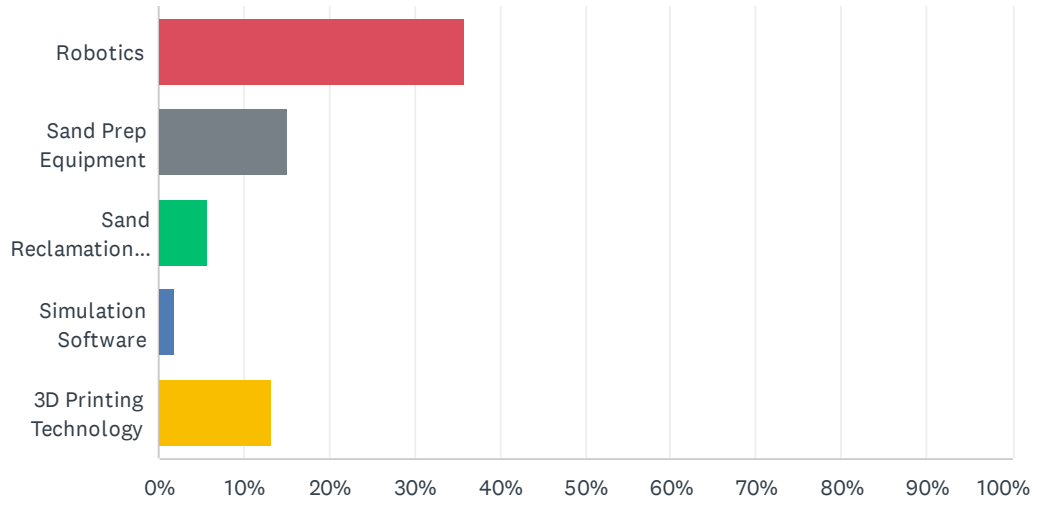
ANSWER CHOICES	RESPONSES	
None	3.39%	2
Less than \$100K	16.95%	10
\$101K to \$250K	11.86%	7
\$251K to \$500K	16.95%	10
\$501K to \$1M	10.17%	6
\$1.01M to \$3M	23.73%	14
More than \$3M	16.95%	10
TOTAL		59

Q11 Which of the following do you plan to purchase in the next 12 months?

Answered: 53 Skipped: 6



November 2022 Metalcasters Quarterly Outlook Survey

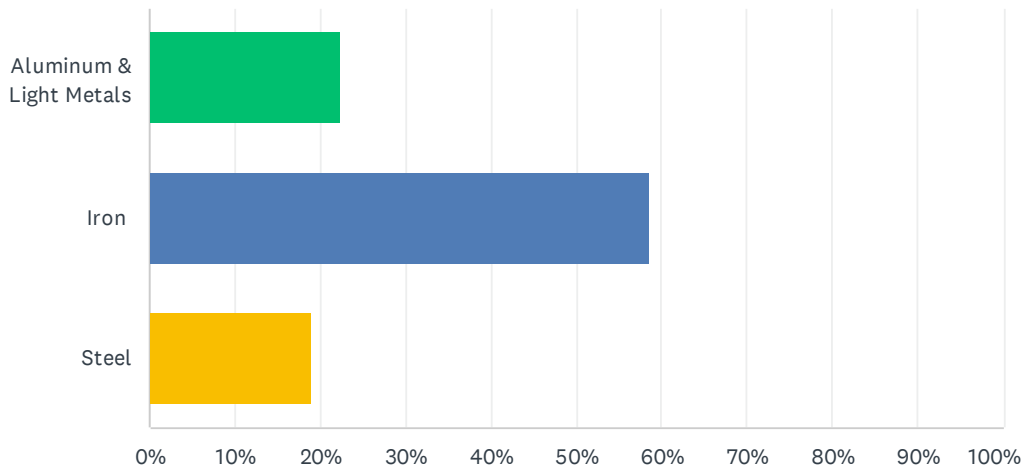


November 2022 Metalcasters Quarterly Outlook Survey

ANSWER CHOICES	RESPONSES	
Accounting or CRM Software	9.43%	5
Air Compressors	20.75%	11
Blast Cleaning Equipment	18.87%	10
Conveyors	35.85%	19
Coremaking Machines	18.87%	10
Cranes or Hoists	30.19%	16
Design Technology	0.00%	0
Environmental Controls	26.42%	14
Grinding Equipment	39.62%	21
Heat Treating Equipment	5.66%	3
Inspection/Testing Equipment	22.64%	12
Lab Equipment	30.19%	16
Machine Tools	18.87%	10
Melting Equipment	22.64%	12
Molding Equipment	26.42%	14
Permanent Mold Systems	3.77%	2
Pouring Systems	13.21%	7
Power Control Technology	3.77%	2
Robotics	35.85%	19
Sand Prep Equipment	15.09%	8
Sand Reclamation Technology	5.66%	3
Simulation Software	1.89%	1
3D Printing Technology	13.21%	7
Total Respondents: 53		

Q12 What is the primary metal poured at your foundry?

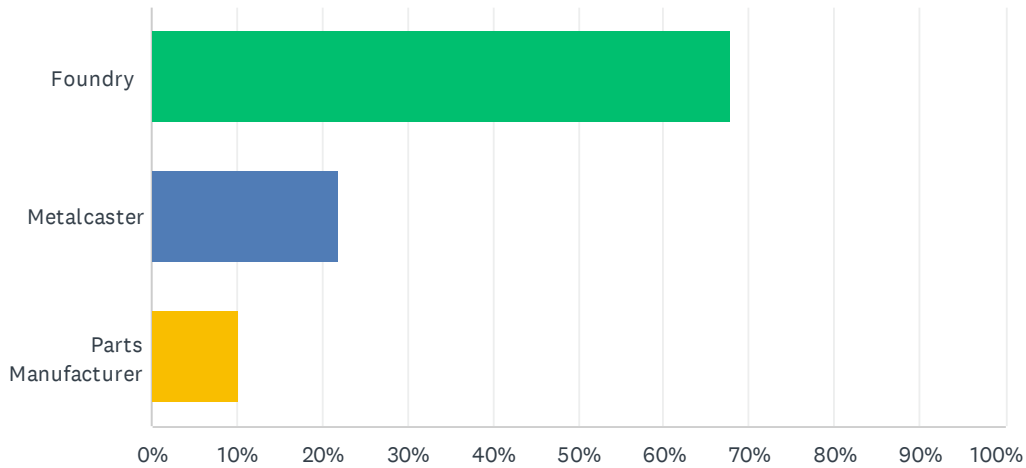
Answered: 58 Skipped: 1



ANSWER CHOICES	RESPONSES	
Aluminum & Light Metals	22.41%	13
Iron	58.62%	34
Steel	18.97%	11
TOTAL		58

Q13 When describing your business to young people, which terms do you find most clearly communicates to them what you do? Please rank them, with 1 as the most effective and 3 as the least effective at communicating the nature of your business.

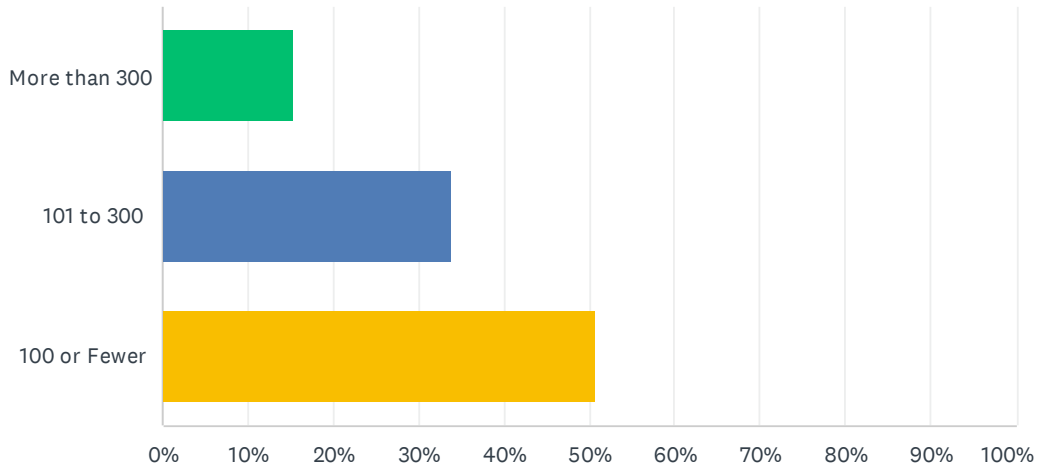
Answered: 59 Skipped: 0



ANSWER CHOICES	RESPONSES	
Foundry	67.80%	40
Metalcaster	22.03%	13
Parts Manufacturer	10.17%	6
TOTAL		59

Q14 What is the employment count at your foundry?

Answered: 59 Skipped: 0



ANSWER CHOICES	RESPONSES
More than 300	15.25% 9
101 to 300	33.90% 20
100 or Fewer	50.85% 30
TOTAL	59