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## 2022 Construction Outlook Hawaii Survey Results

*Total Responses: 24. Responses varied for some questions. Percentages are based on responses to each question and may not sum to 100 due to rounding.*

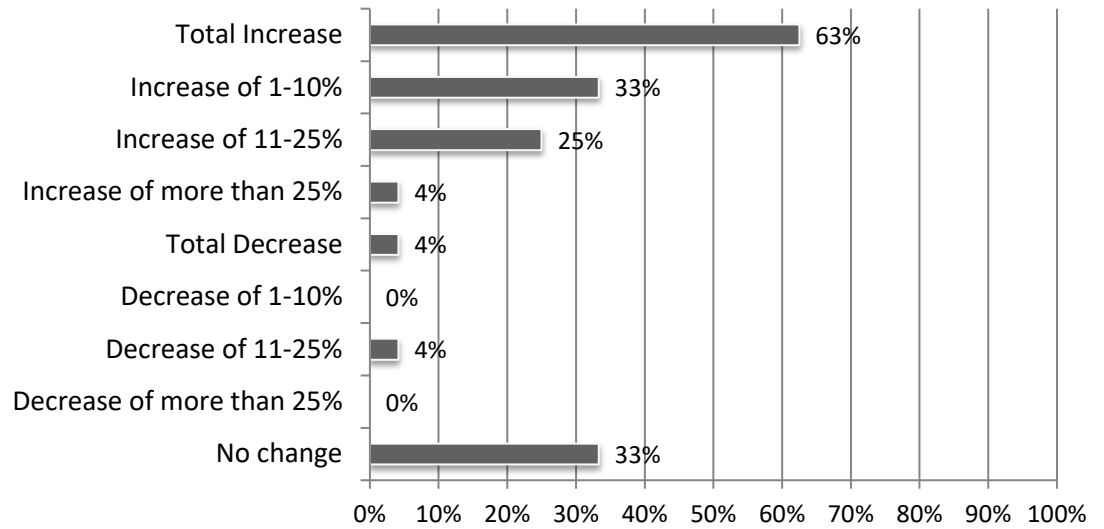
- 1. Compared to 2021, do you expect the available dollar value of projects you compete for in 2022 to be higher/lower/about the same (answer for all market areas in which your business operates):**

**Responses: 24**

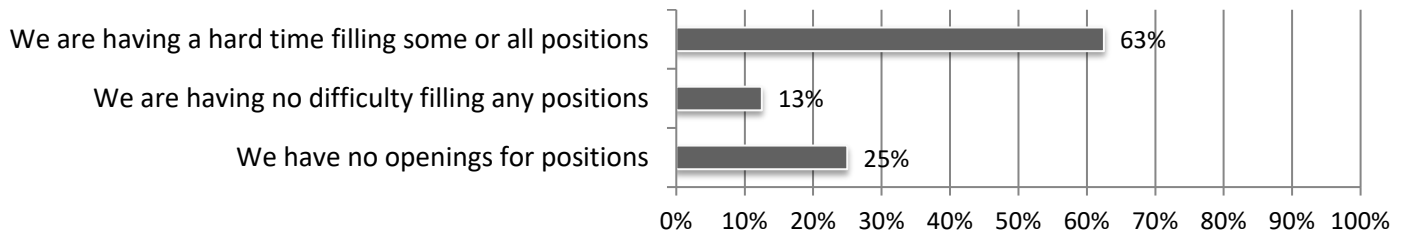
Market	Higher	Lower	Same	Net*	US Net
Federal (e.g., VA, GSA, USACE, NAVFAC)	77%	9%	14%	68%	37%
Bridge/Highway	65%	18%	18%	47%	57%
Transportation	63%	0%	37%	63%	51%
Multifamily Residential	53%	5%	42%	47%	32%
K-12 School	48%	10%	43%	38%	19%
Water/Sewer	43%	10%	48%	33%	50%
Power	41%	6%	53%	35%	35%
Public Building	40%	10%	50%	30%	20%
Retail	40%	25%	35%	15%	-8%
Other Healthcare (e.g., clinic, testing or screening facility, medical lab)	39%	6%	56%	33%	41%
Hospital	37%	16%	47%	21%	38%
Manufacturing	35%	12%	53%	24%	27%
Warehouse	35%	10%	55%	25%	41%
Lodging	33%	28%	39%	6%	6%
Private Office	28%	22%	50%	6%	-8%
Higher Education	26%	16%	58%	11%	16%
Data Center	17%	6%	78%	11%	31%

*\*Net equals difference between number of "Higher" and "Lower" responses as percent of total.*

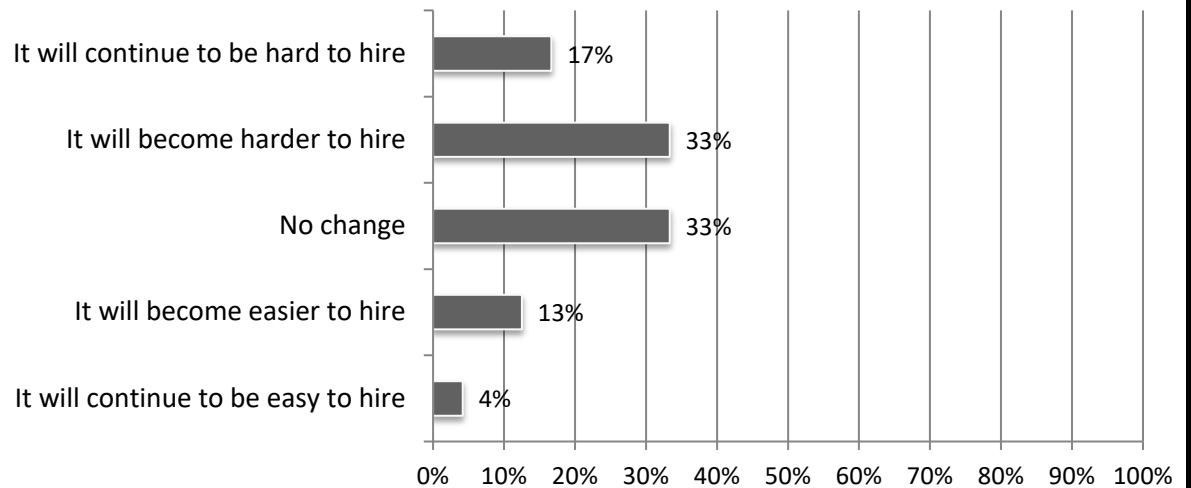
**2. What percent change do you expect in your headcount in 2022? Responses: 24**



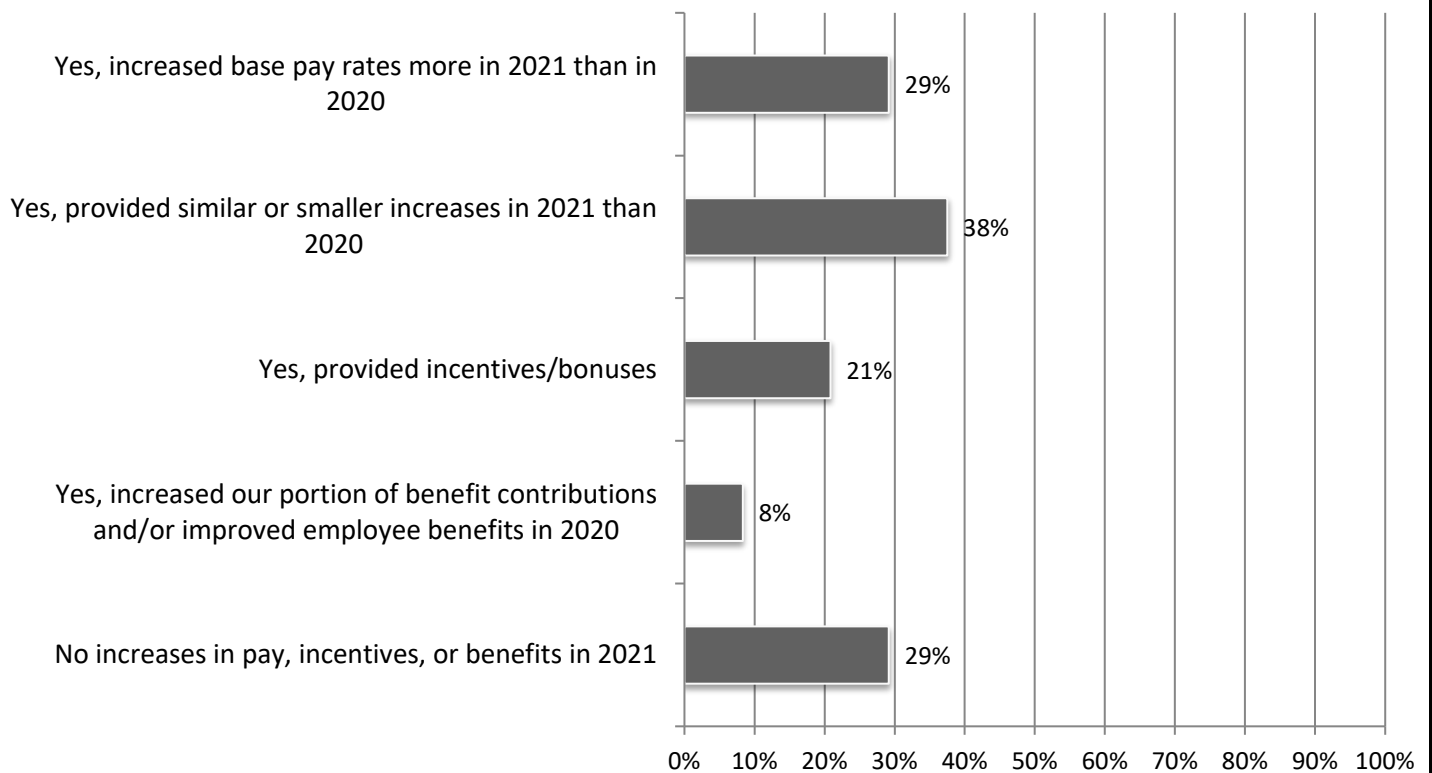
**3. How would you describe your current situation in filling salaried and hourly craft positions? Responses: 24**



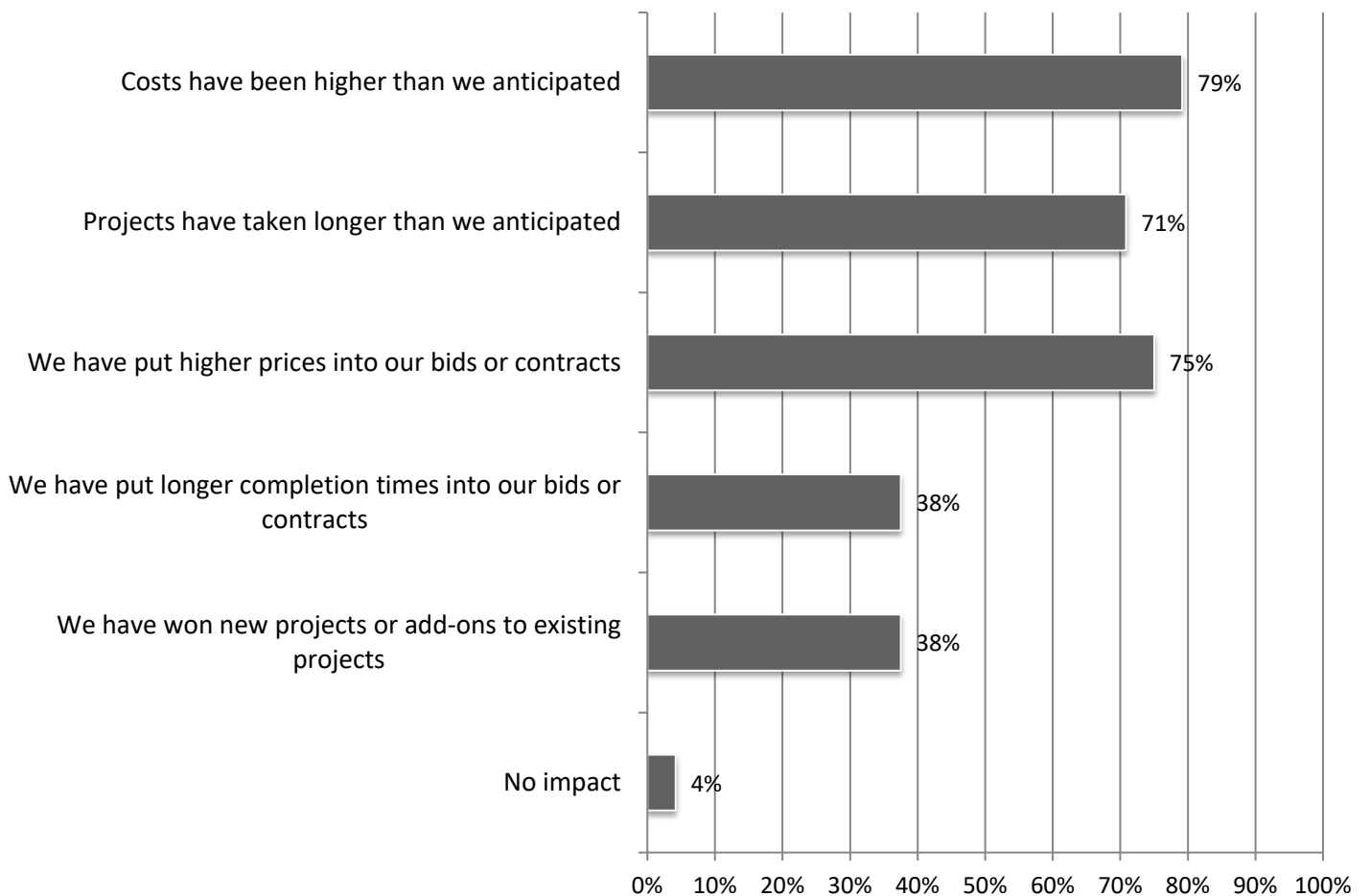
**4. Do you expect any changes in the availability of hourly craft or salaried personnel over the coming 12 months? Responses: 24**



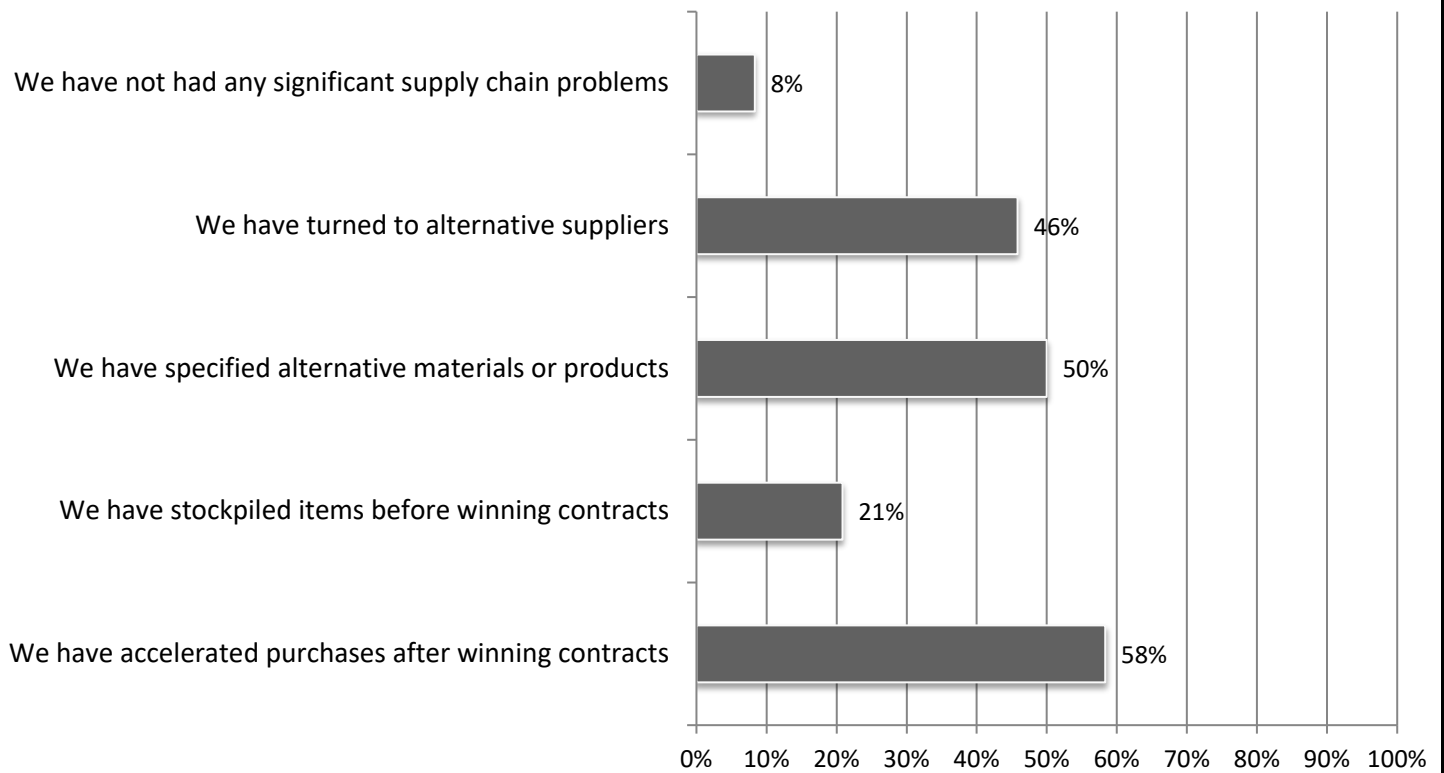
**5. Did your firm increase or decrease pay or benefits in 2021? (mark all that apply) Responses: 24**



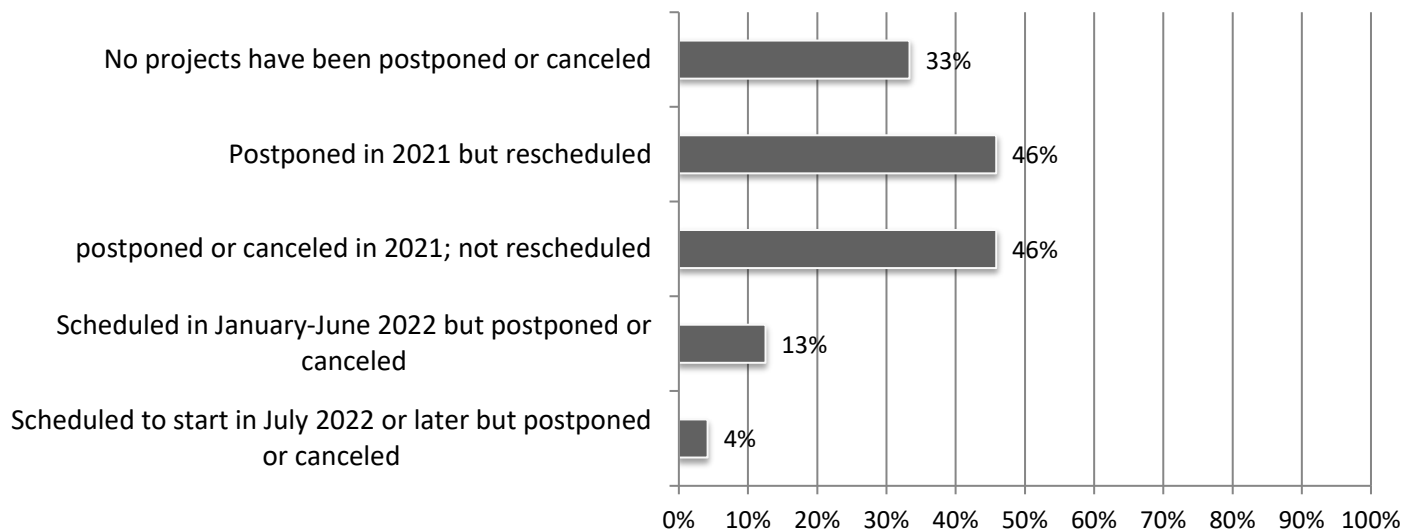
**6. What impact, if any, has the pandemic had on your projects this year? (mark all that apply) Responses: 24**



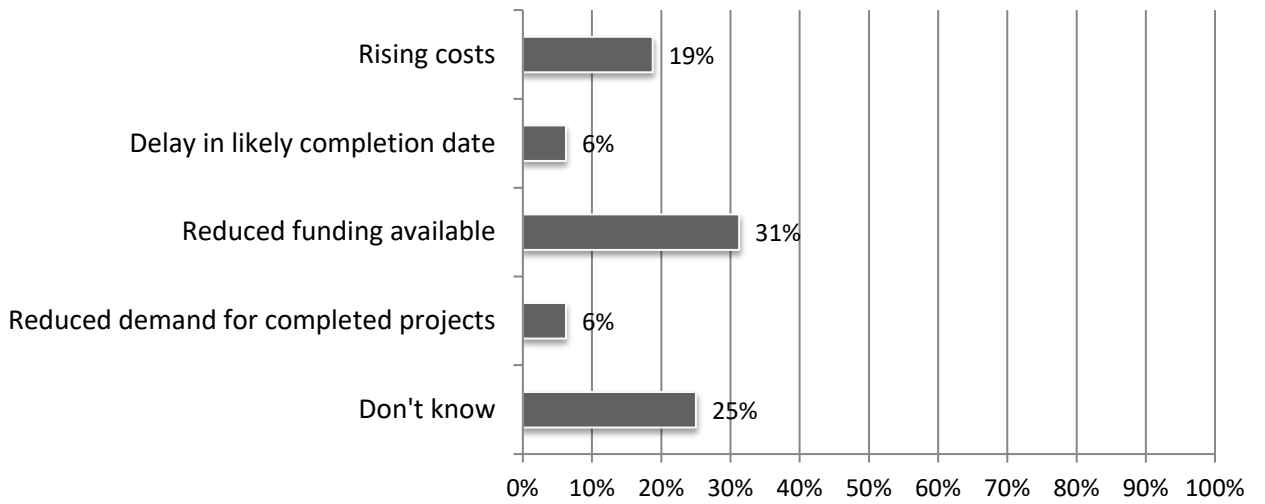
**7. How has your firm responded to supply-chain issues, if any? (mark all that apply) Responses: 24**



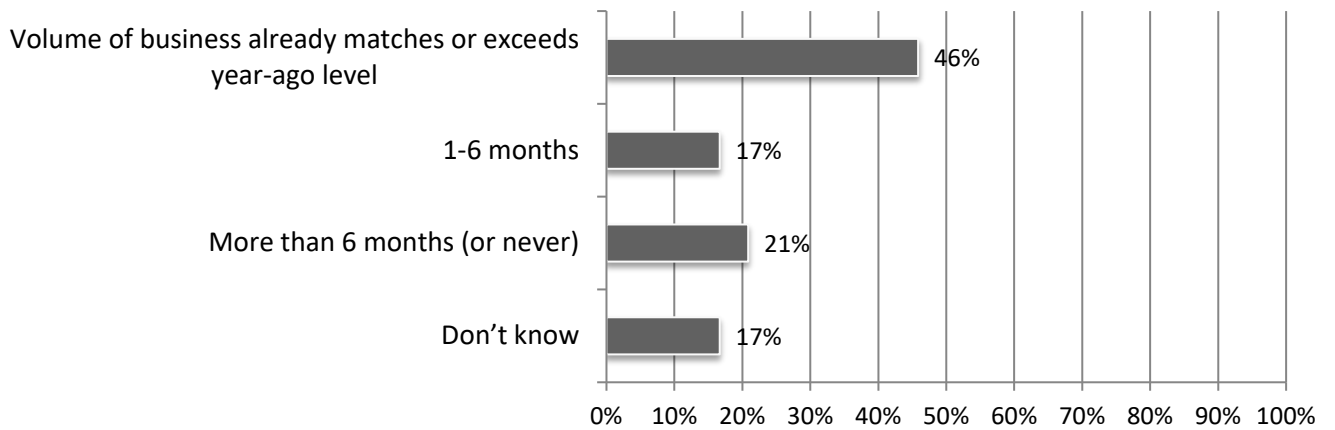
**8. Did an owner postpone or cancel any projects that were scheduled to start in 2021 or 2022? (mark all that apply) Responses: 24**



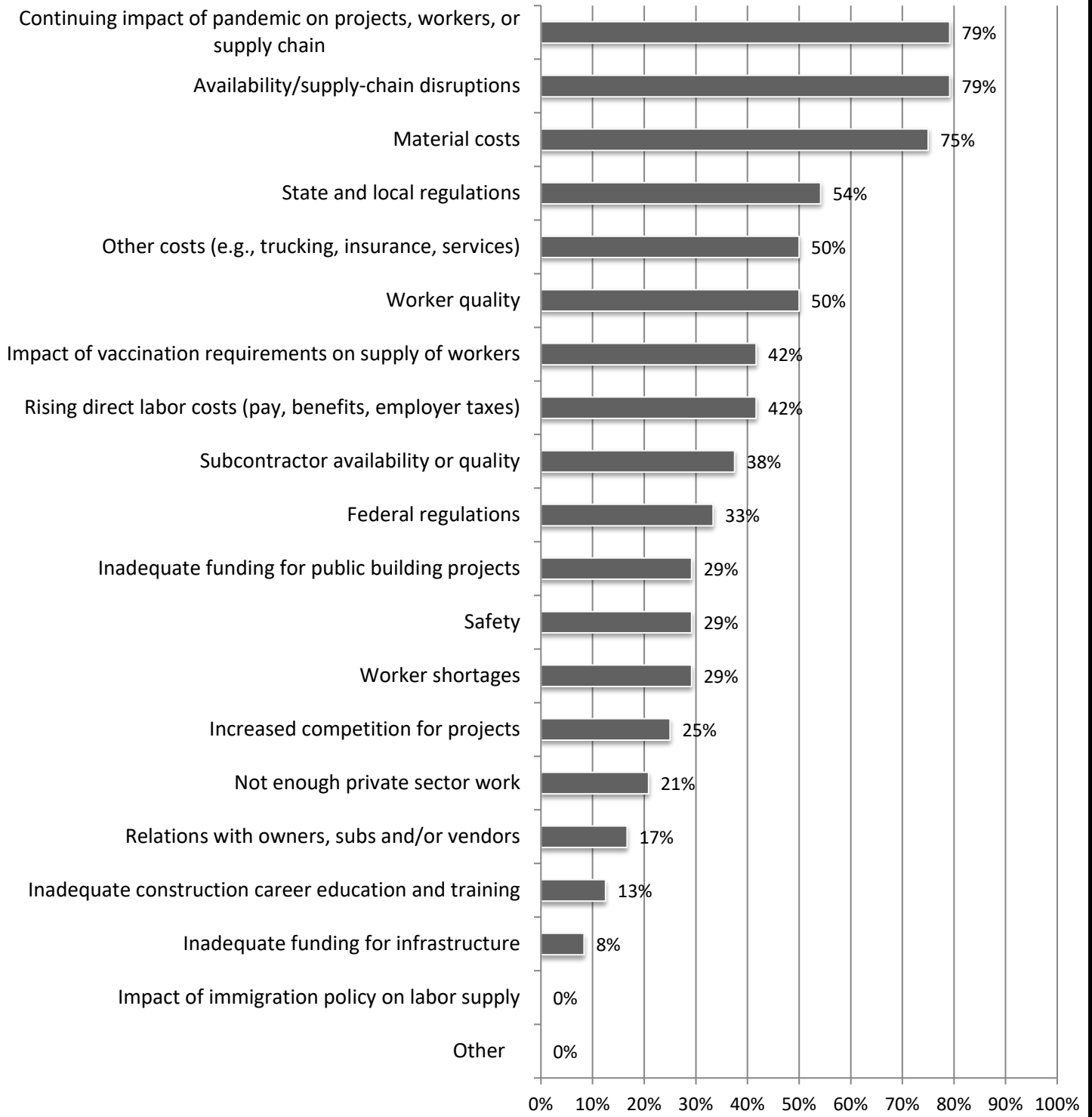
**9. If projects were postponed or canceled, what was the main reason? Responses: 16**



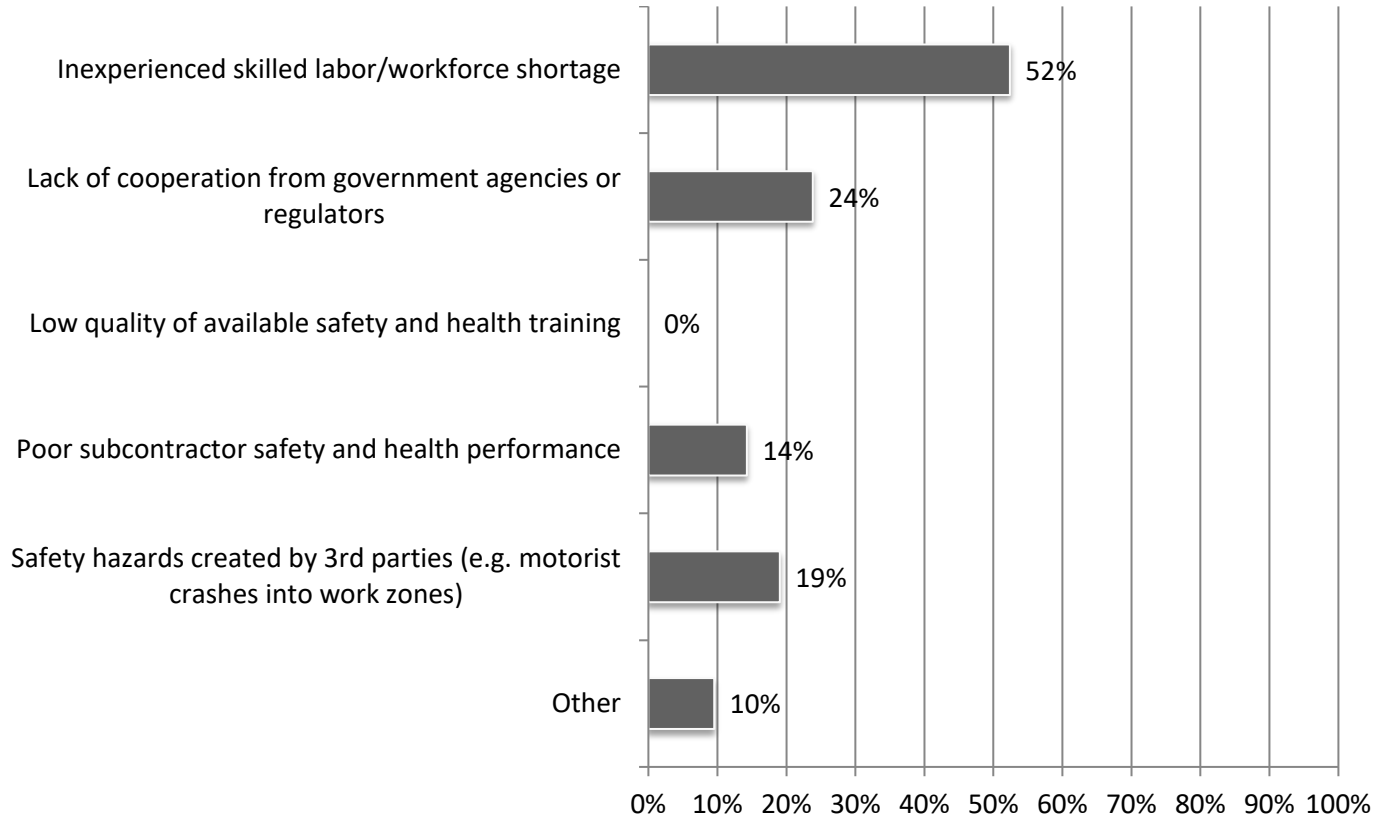
**10. When do you expect your firm's volume of business will return to its normal level relative to one year earlier? Responses: 24**



**11. What are your biggest concerns for 2022? (mark all that apply) Responses: 24**



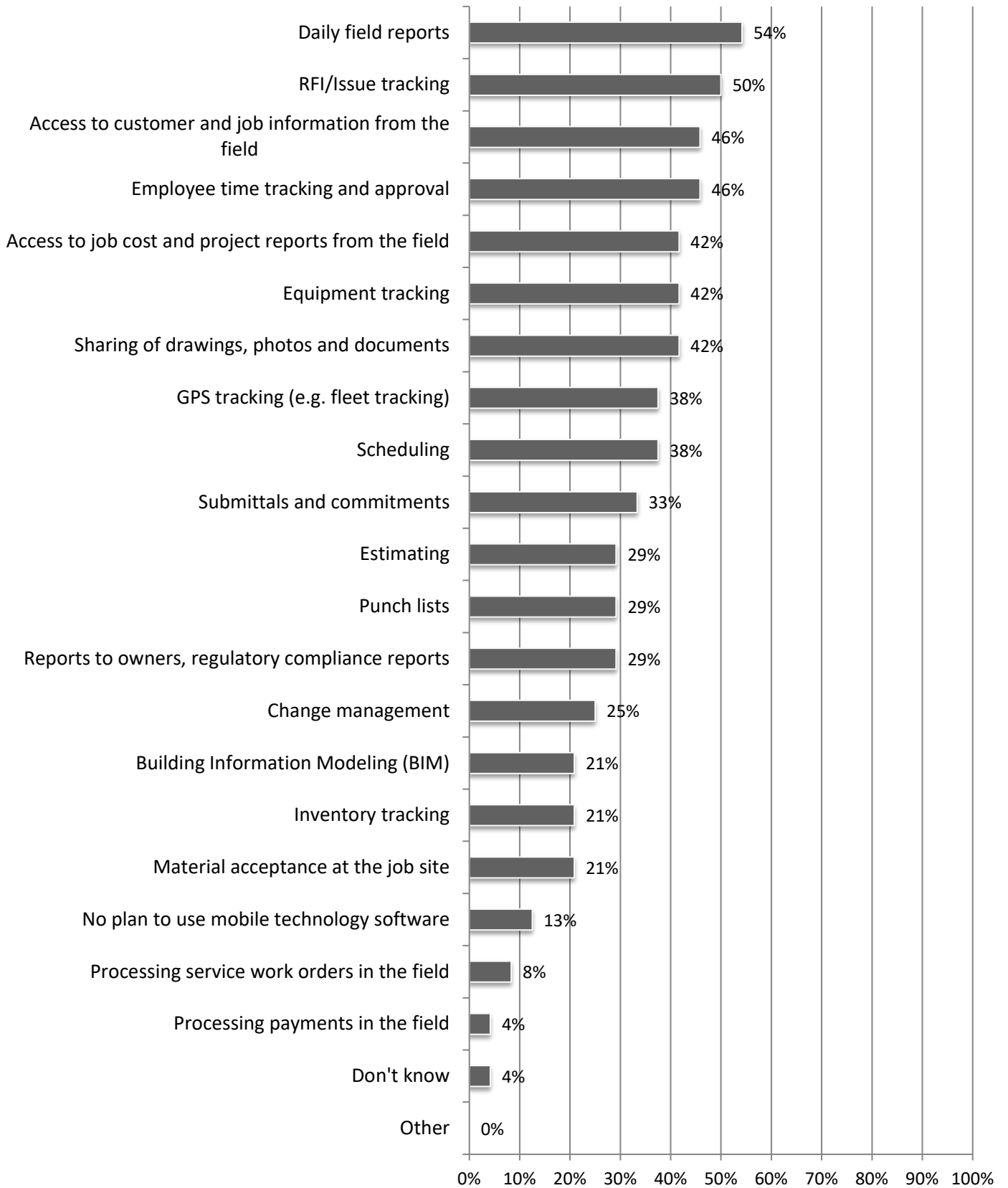
**12. What challenges, if any, do you see regarding the safety and health of your firm's workers (mark all that apply)? Responses: 21**



**13. Compared to 2021, will your firm's 2022 investment in the following technologies change? (mark all that apply) Responses: 24**

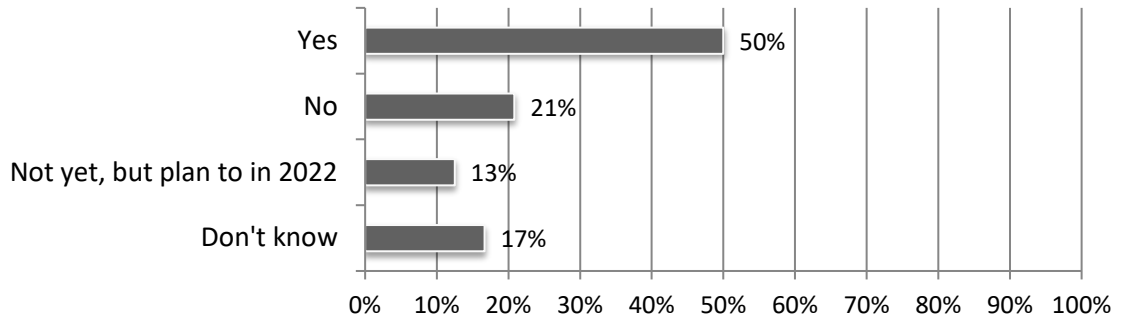
	Increase	Decrease	No change
Project management software	41%	0%	59%
Document management software	30%	4%	65%
Tool/asset management/tracking	30%	0%	70%
Scheduling software	23%	0%	77%
Building Information Modeling (BIM)	20%	0%	80%
Client relationship management (CRM) software	19%	5%	76%
Fleet tracking/management software	18%	5%	77%
Accounting software	17%	8%	75%
Estimating software	17%	4%	79%
Project collaboration software	10%	0%	90%
Payroll software	8%	8%	83%
Subcontractor bid management/ITB software	6%	0%	94%
Prequalification software	5%	0%	95%
Human resources (HR) software	4%	4%	91%
Service management software	0%	0%	100%

14. How does your company plan to use mobile software technology? (Mark all that apply) Responses: 24

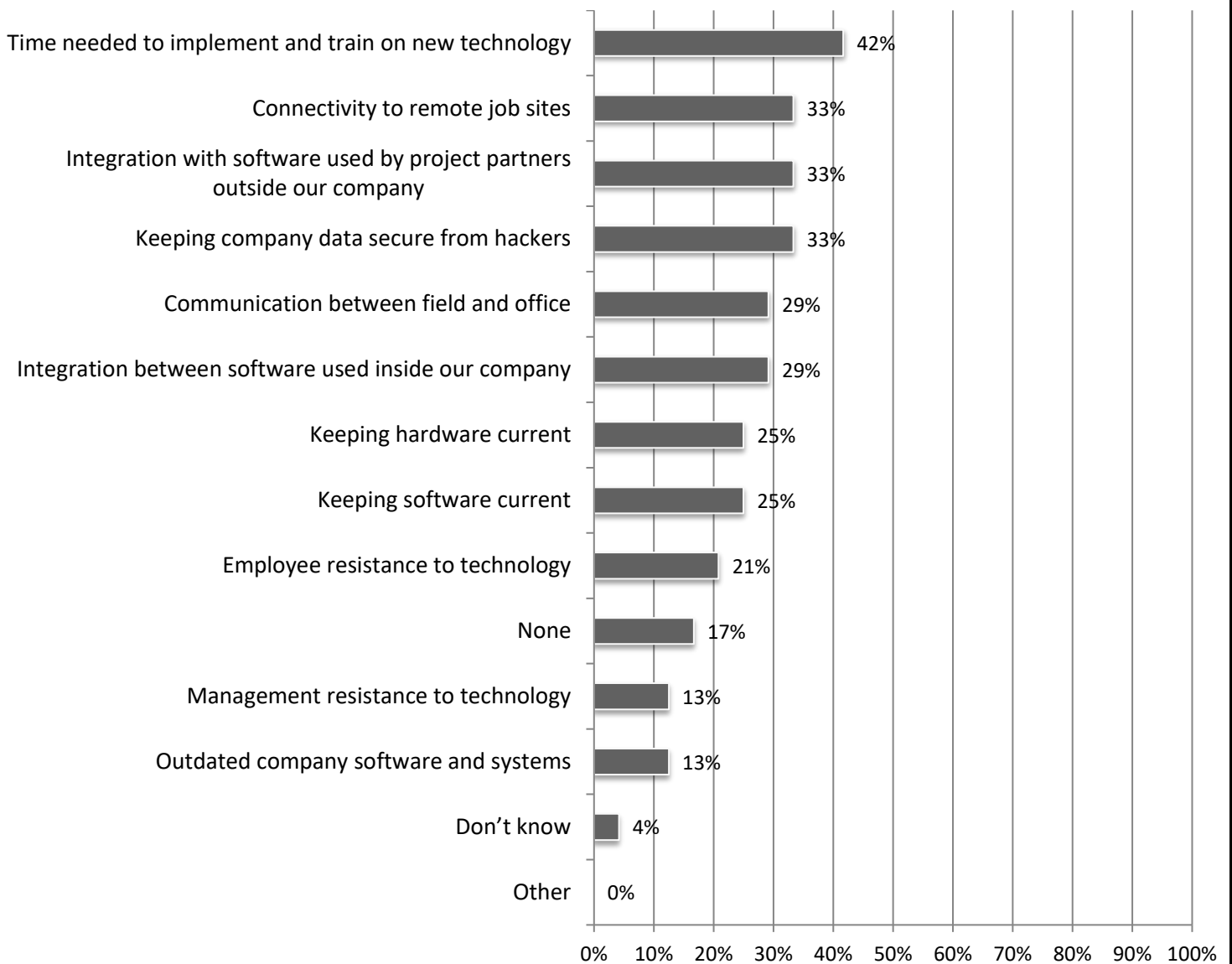




**15. Does your firm currently have a formal IT plan to support your business objectives? Responses: 24**

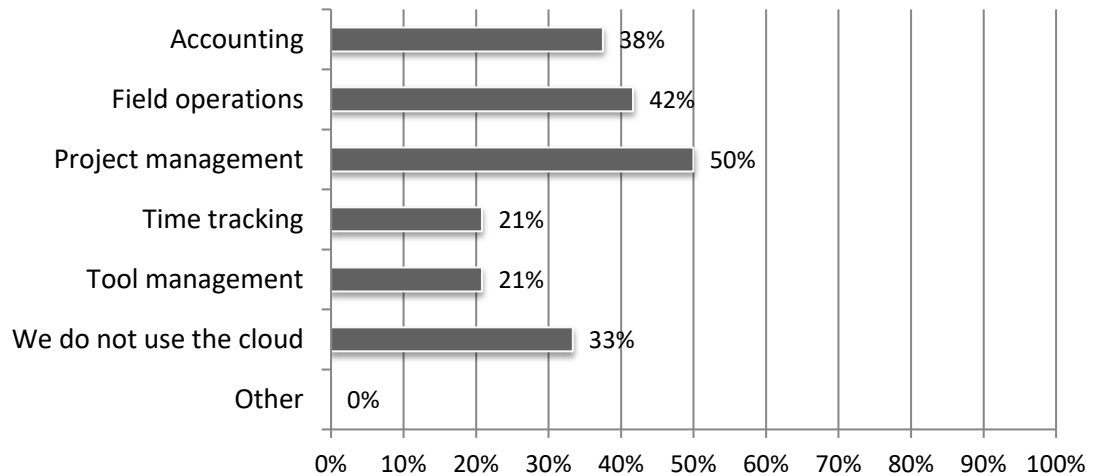


**16. What are your biggest IT challenges (mark all that apply)? Responses: 24**

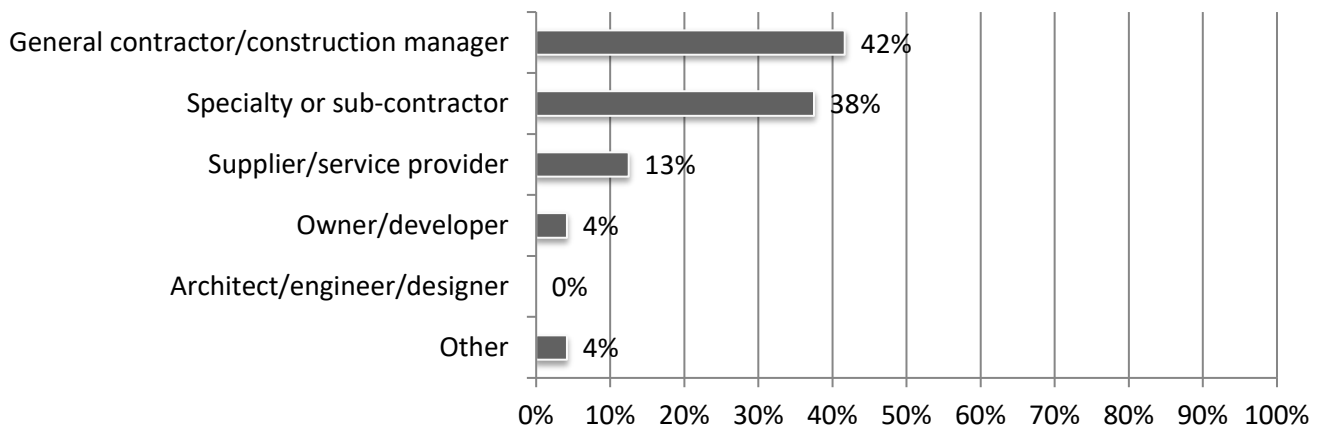


**17. Does your firm use cloud-hosted technology in any of the following ways (mark all that apply)?**

**Responses: 24**

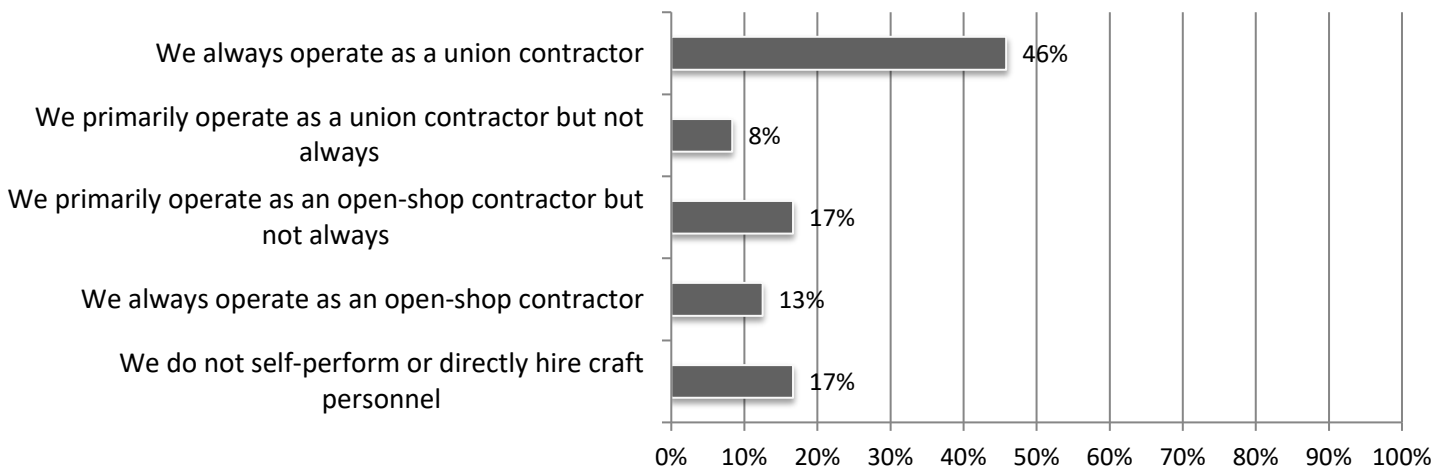


**18. What best describes your firm? Responses: 24**

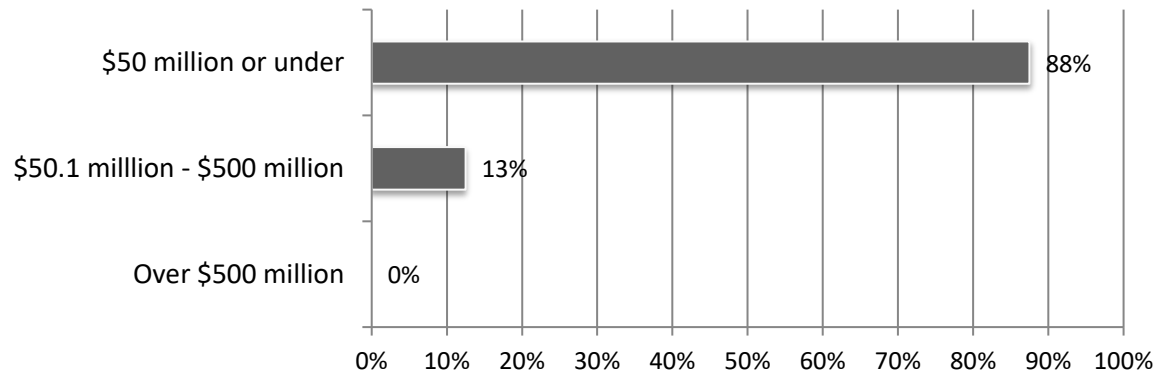


**19. When you self-perform construction work, do you operate as a union contractor or an open-shop contractor?**

**Responses: 24**



**20. Estimate the total dollar amount of work your firm performed in 2021. Responses: 24**



**21. How many total employees does your firm employ at all of its locations? Responses: 24**

