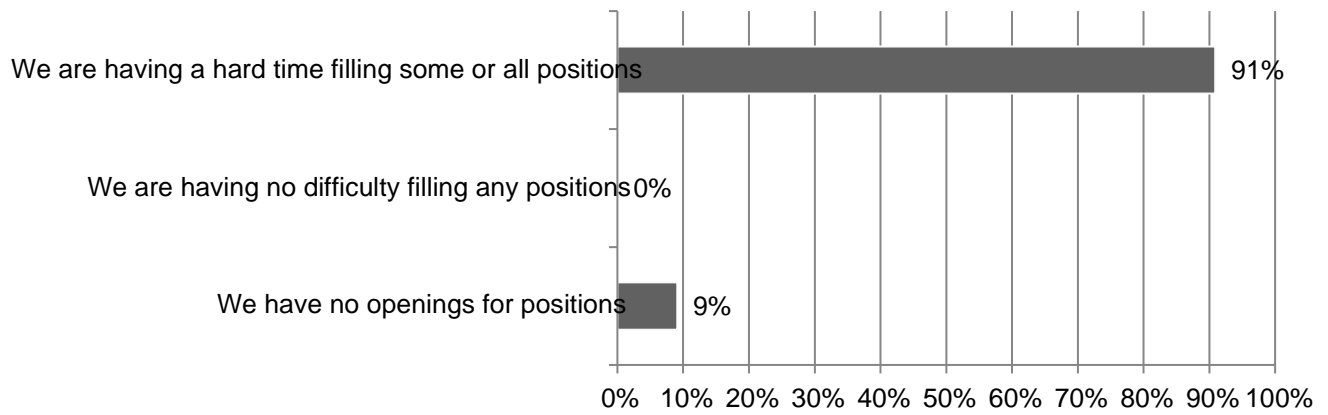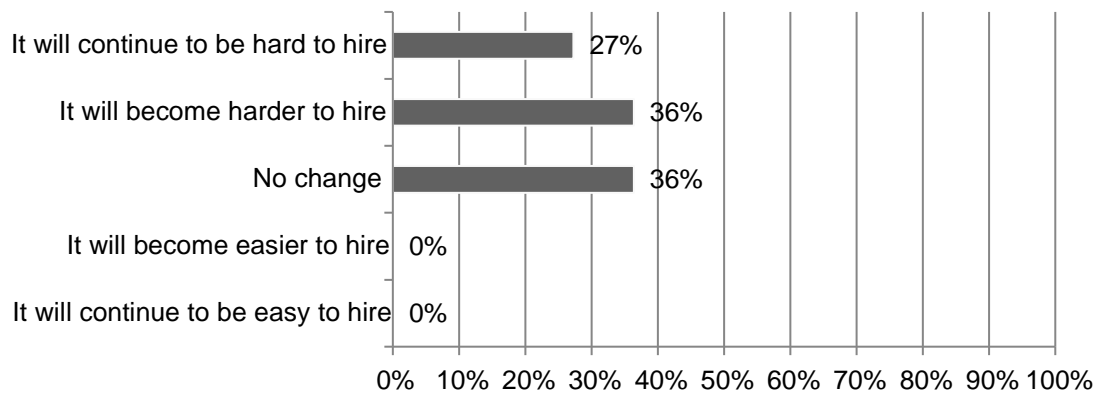# 2020 Construction Outlook Survey Results
Missouri

Total Responses 22 (out of 956 total) 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 2019, do you expect the available dollar value of projects you compete for in 2020 to be (answer

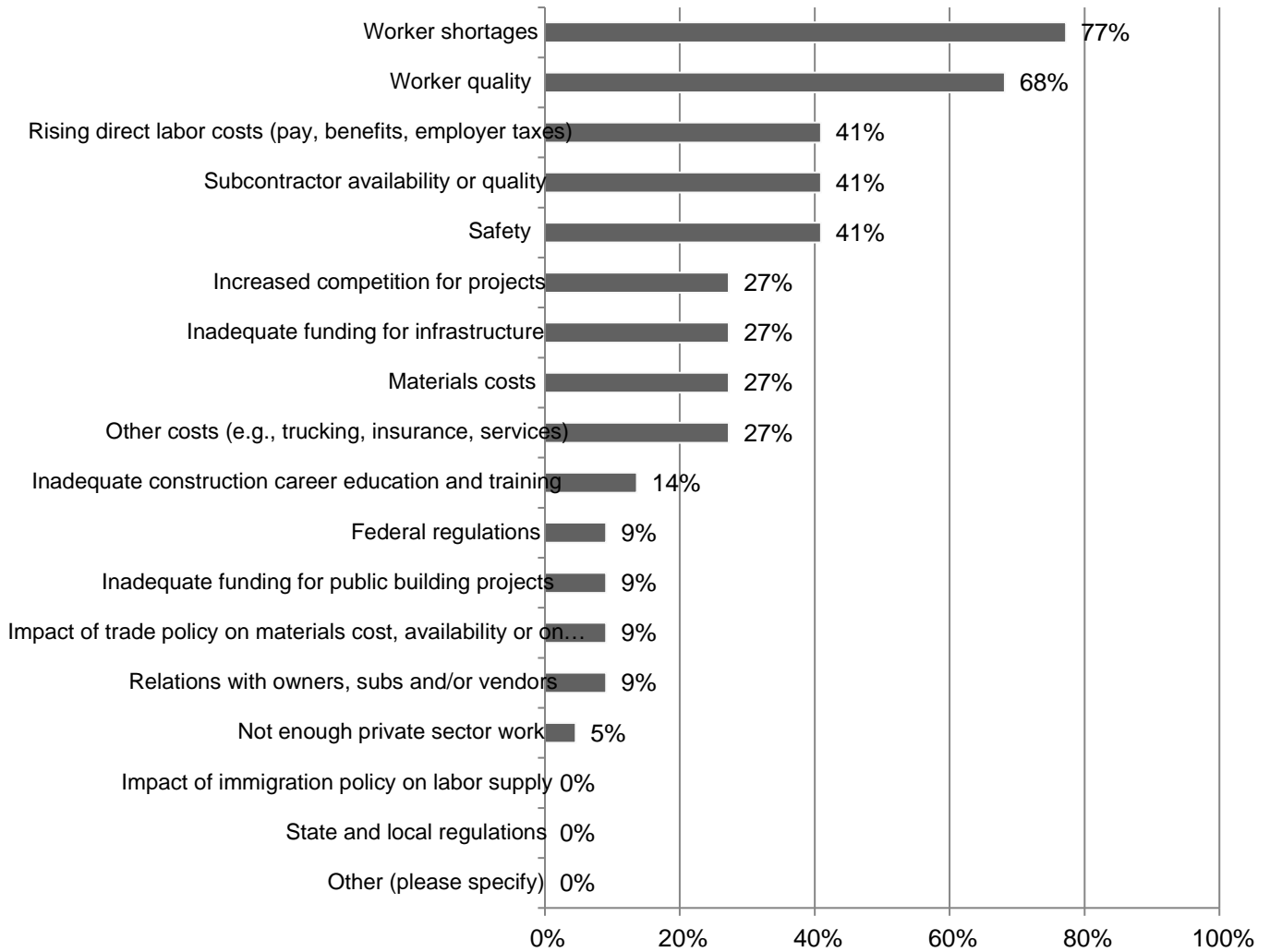4. How would you describe your current situation in filling salaried and hourly craft positions?

We are having a hard time filling some or all positions	91%
We are having no difficulty filling any positions	0%
We have no openings for positions	9%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

5. Do you expect any changes in the availability of hourly craft or salaried personnel over the coming 12 months?

It will continue to be hard to hire	27%
It will become harder to hire	36%
No change	36%
It will become easier to hire	0%
It will continue to be easy to hire	0%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

6. Did your firm increase pay or benefits for salaried or hourly craft personnel in 2019 because of difficulty filling positions? (mark all that apply)

7.

10. What are your biggest concerns for 2020 (mark all that apply)?

Concern	Percentage
Worker shortages	77%
Worker quality	68%
Rising direct labor costs (pay, benefits, employer taxes)	41%
Subcontractor availability or quality	41%
Safety	41%
Increased competition for projects	27%
Inadequate funding for infrastructure	27%
Materials costs	27%
Other costs (e.g., trucking, insurance, services)	27%
Inadequate construction career education and training	14%
Federal regulations	9%
Inadequate funding for public building projects	9%
Impact of trade policy on materials cost, availability or on…	9%
Relations with owners, subs and/or vendors	9%
Not enough private sector work	5%
Impact of immigration policy on labor supply	0%
State and local regulations	0%
Other (please specify)	0%

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

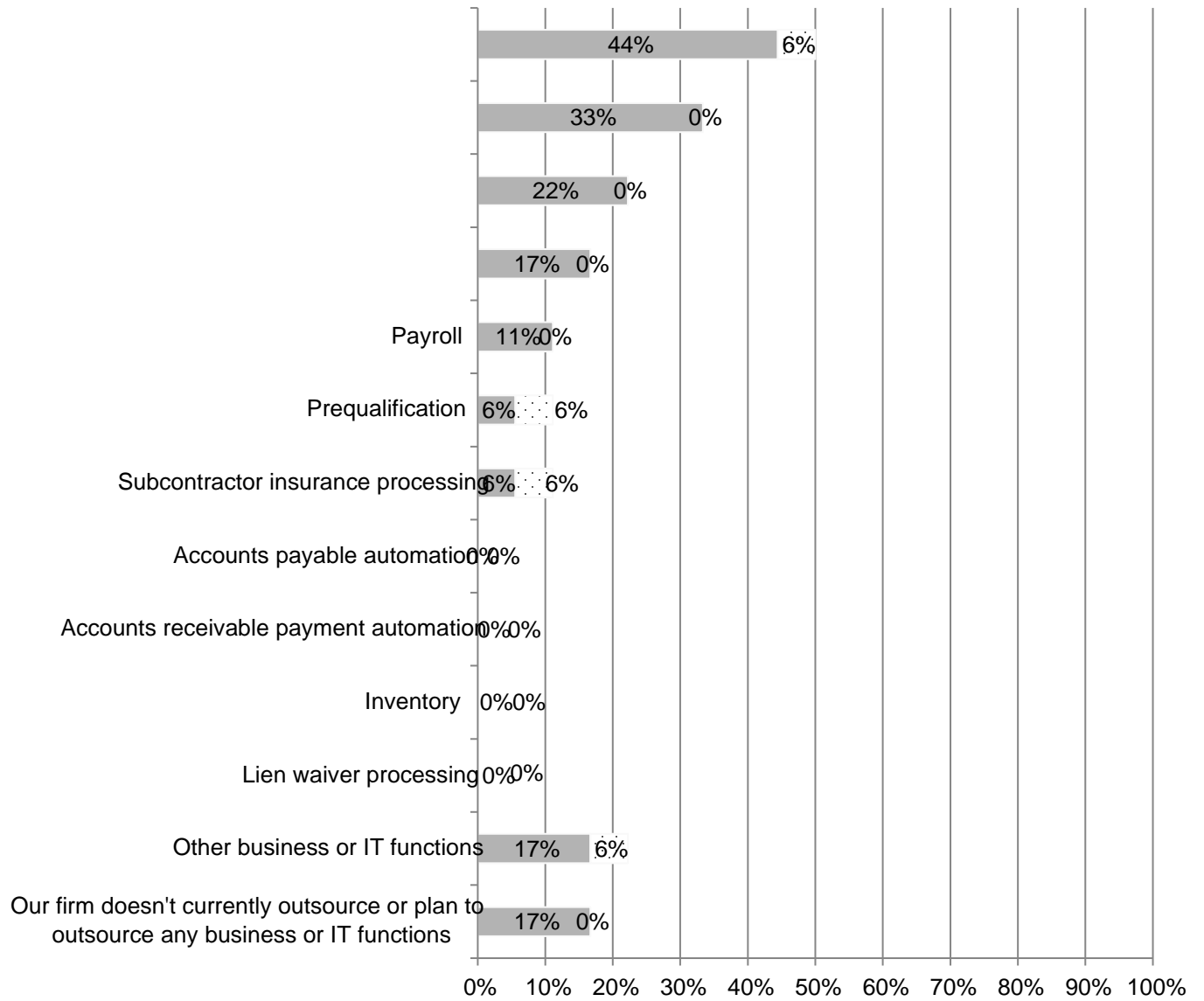|			
	59%	32%	9%
	24%	52%	24%
	15%	65%	20%
	9%	50%	41%
	0%	38%	62%
Other	0%	100%	
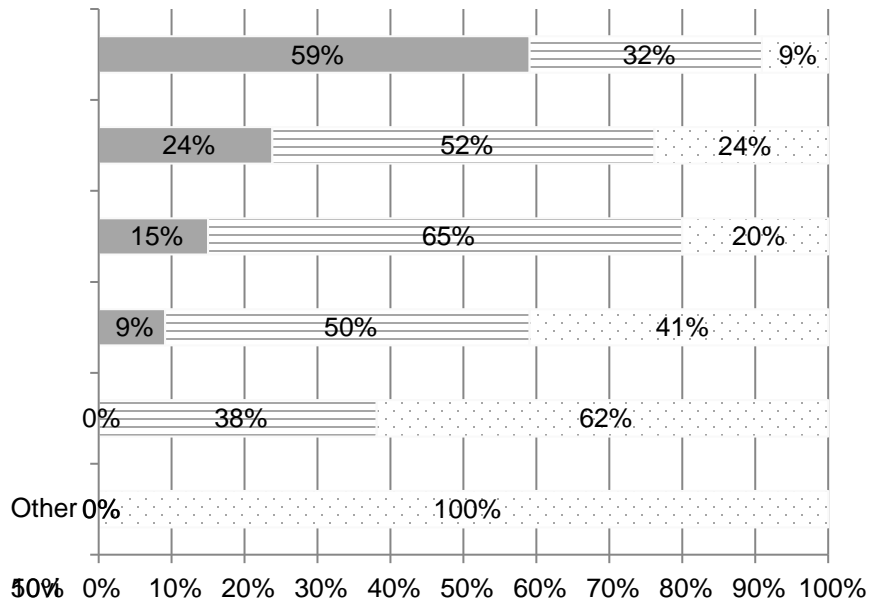
12. What change do you expect in 2020 in the number of your firm's projects that involve Building Information Modeling (BIM)?

13. What is your firm using BIM for? (mark all that apply)

14. Does your firm

15. What business oIT functions does your firm outsource or plan to outsource to a technology provider? (mark all that apply)

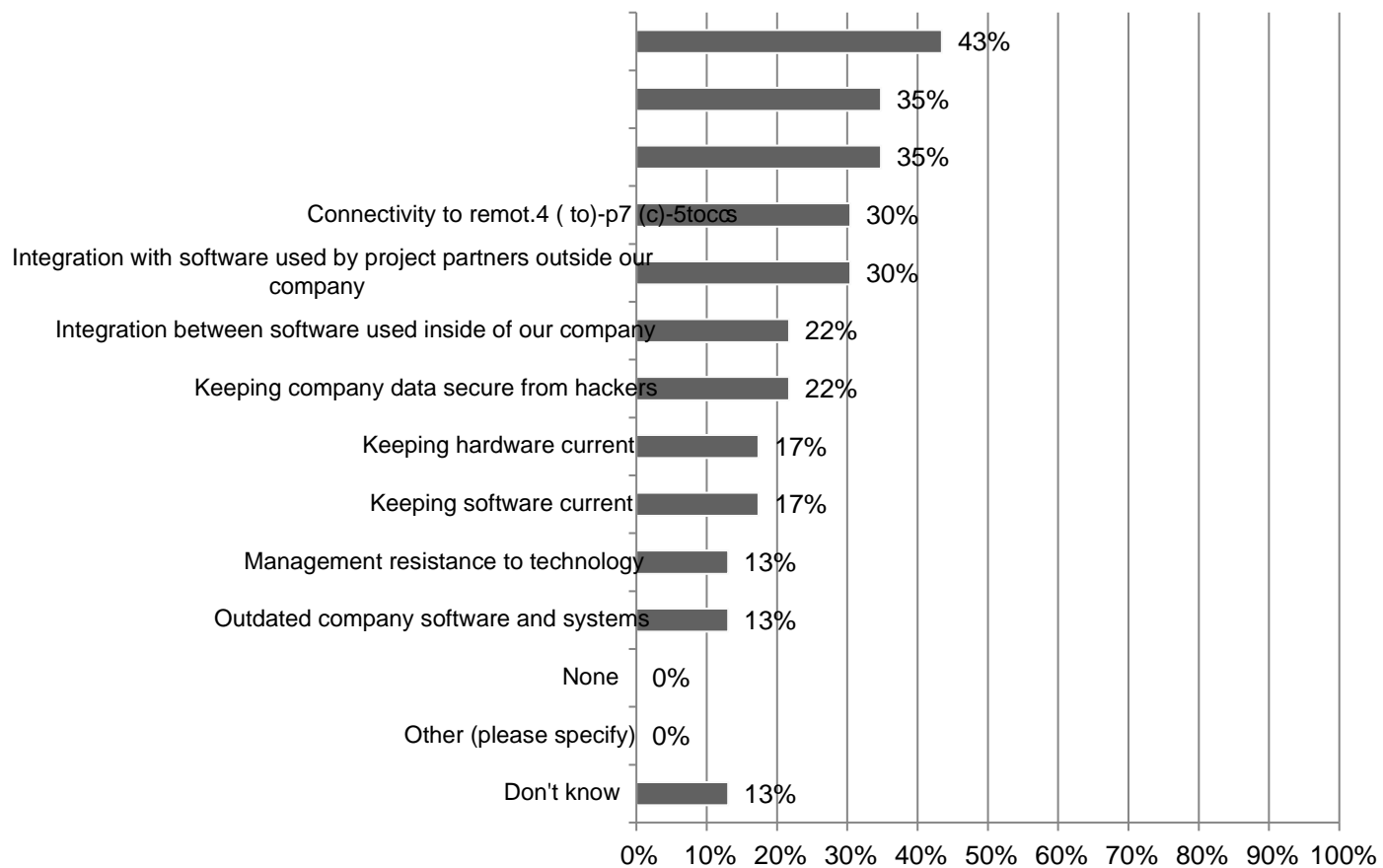| Category	Value 1	Value 2
	44%	6%
	33%	0%
	22%	0%
	17%	0%
Payroll	11%	0%
Prequalification	6%	6%
Subcontractor insurance processing	6%	6%
Accounts payable automation	0%	0%
Accounts receivable payment automation	0%	0%
Inventory	0%	0%
Lien waiver processing	0%	0%
Other business or IT functions	17%	6%
Our firm doesn't currently outsource or plan to outsource any business or IT functions	17%	0%

16. Approximately what percent of your firm's gross annual revenue is spent on IT?

17. Compared to 2019, how will your firm's 2020 investment in IT change?

18. Compared to 2019, how will your firm's 2020 investment in the following technologies change? (mark all that apply)

Technologies	Increase	Stay the same	Decrease	Don't know

22. What are your biggest IT challenges? (mark all that apply)

IT Challenge	Percentage
(unlabeled)	43%
(unlabeled)	35%
(unlabeled)	35%
Connectivity to remot.4 (to)-p7 (c)-5toccs	30%
Integration with software used by project partners outside our company	30%
Integration between software used inside of our company	22%
Keeping company data secure from hackers	22%
Keeping hardware current	17%
Keeping software current	17%
Management resistance to technology	13%
Outdated company software and systems	13%
None	0%
Other (please specify)	0%
Don't know	13%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

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

24. What best describes your firm?

25. When you self-perform construction work, do you operate as a union contractor or an open-shop contractor?
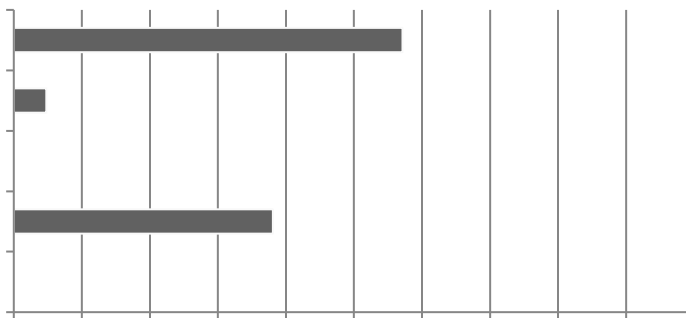
26. Estimate the total dollar amount of work your firm performed in 2019:

27. How many total employees does your firm employ at all of its locations?