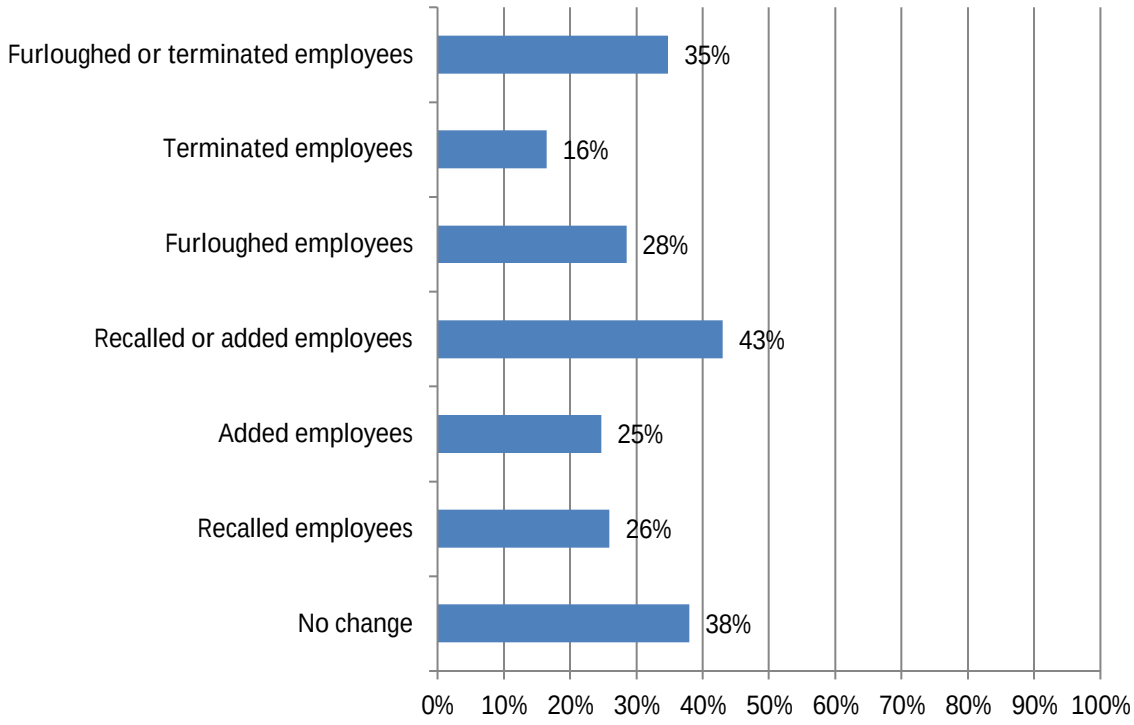
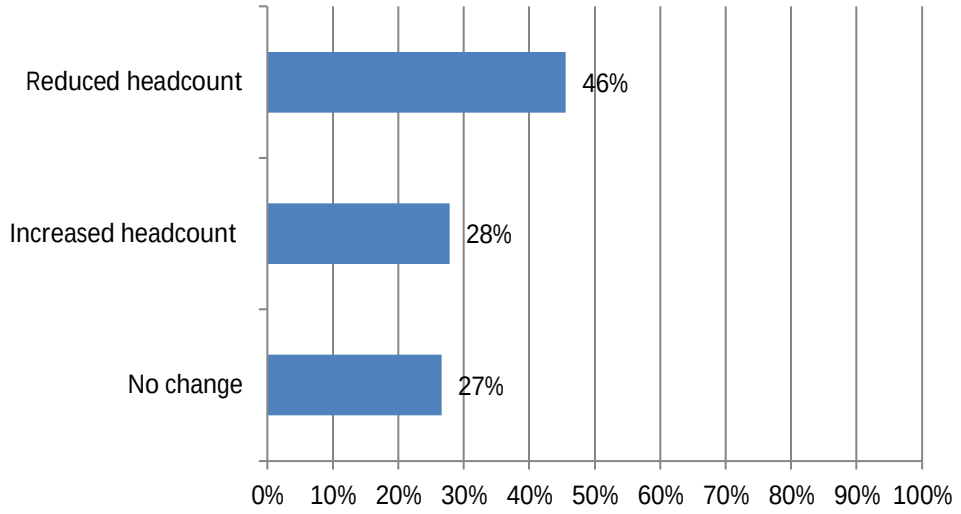
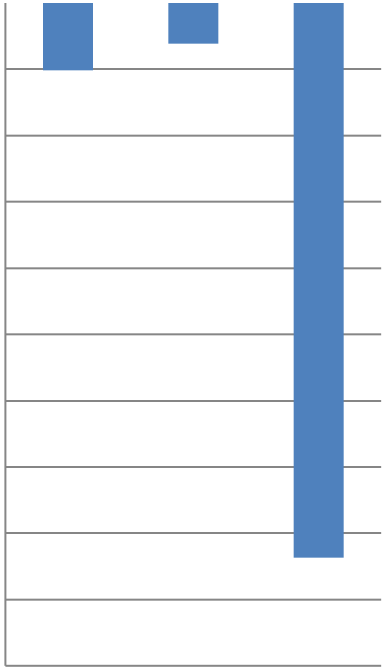
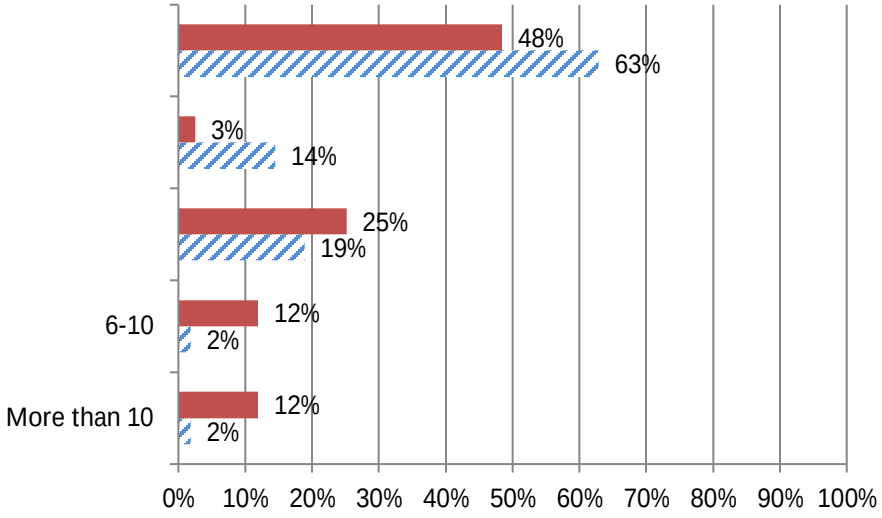
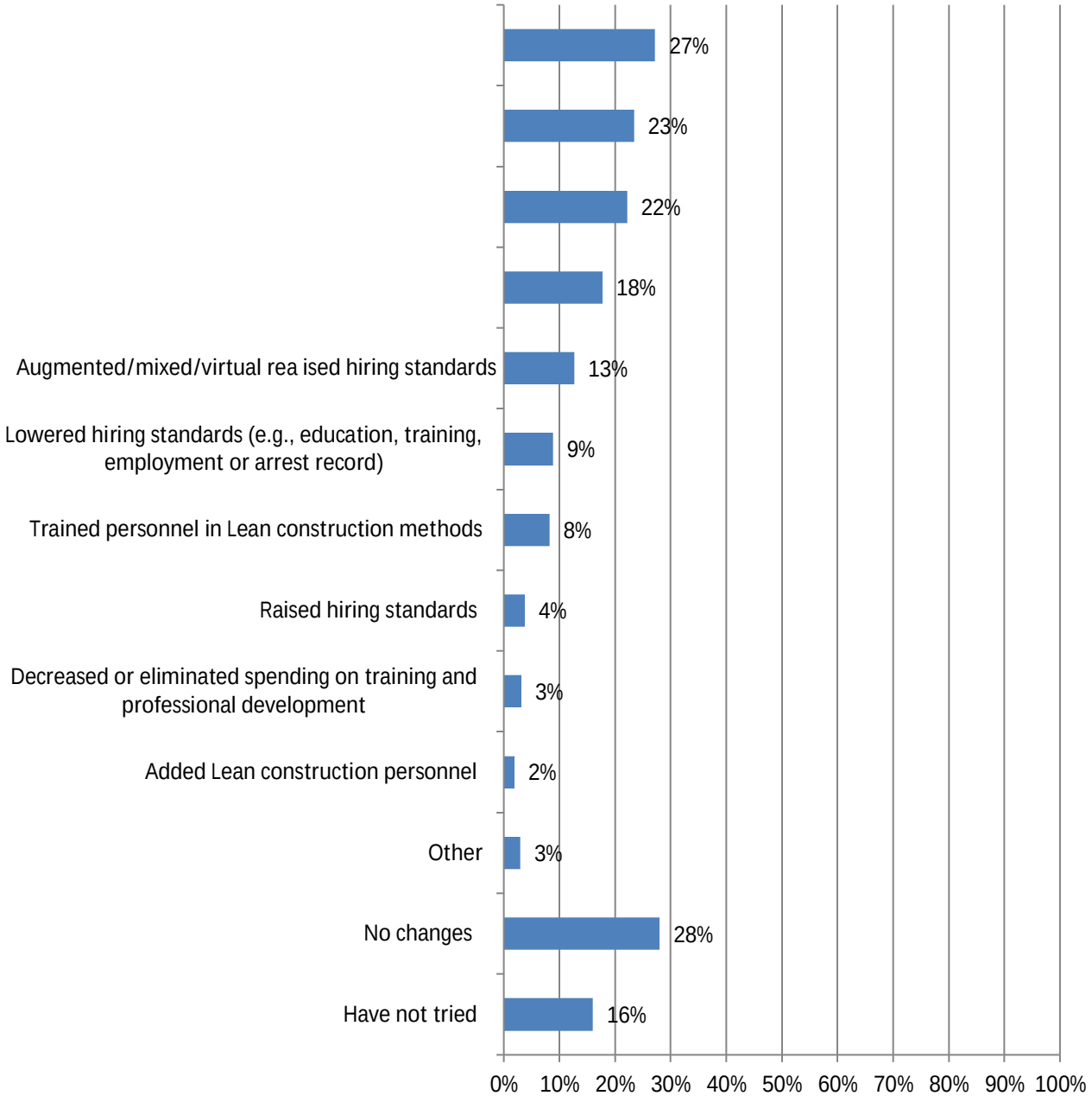
Total responses: 159, but number varies by question.

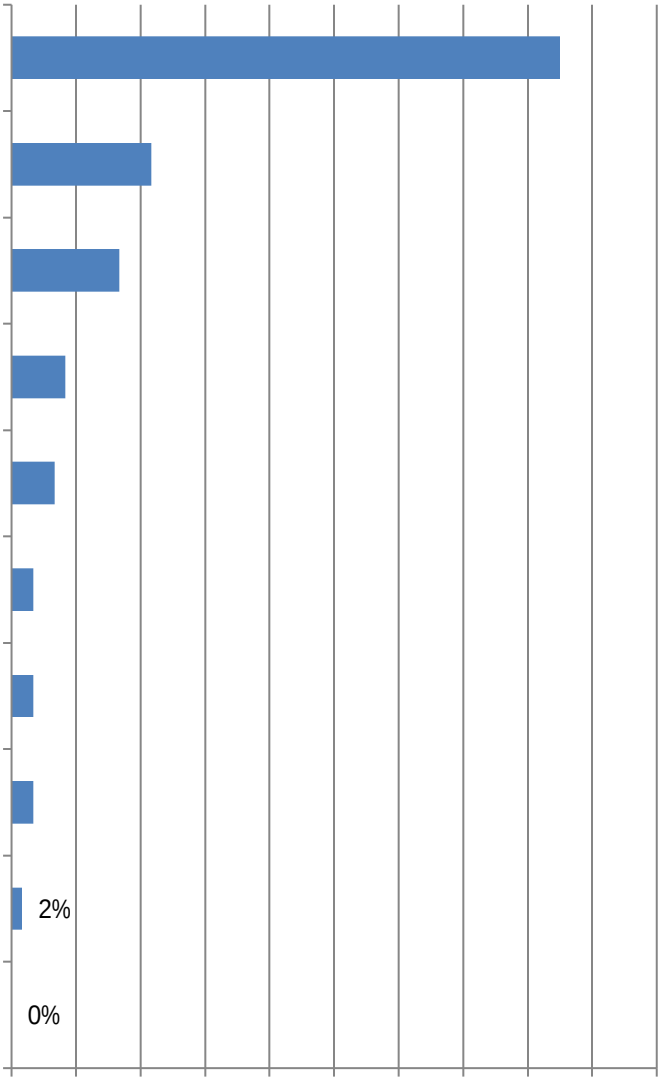


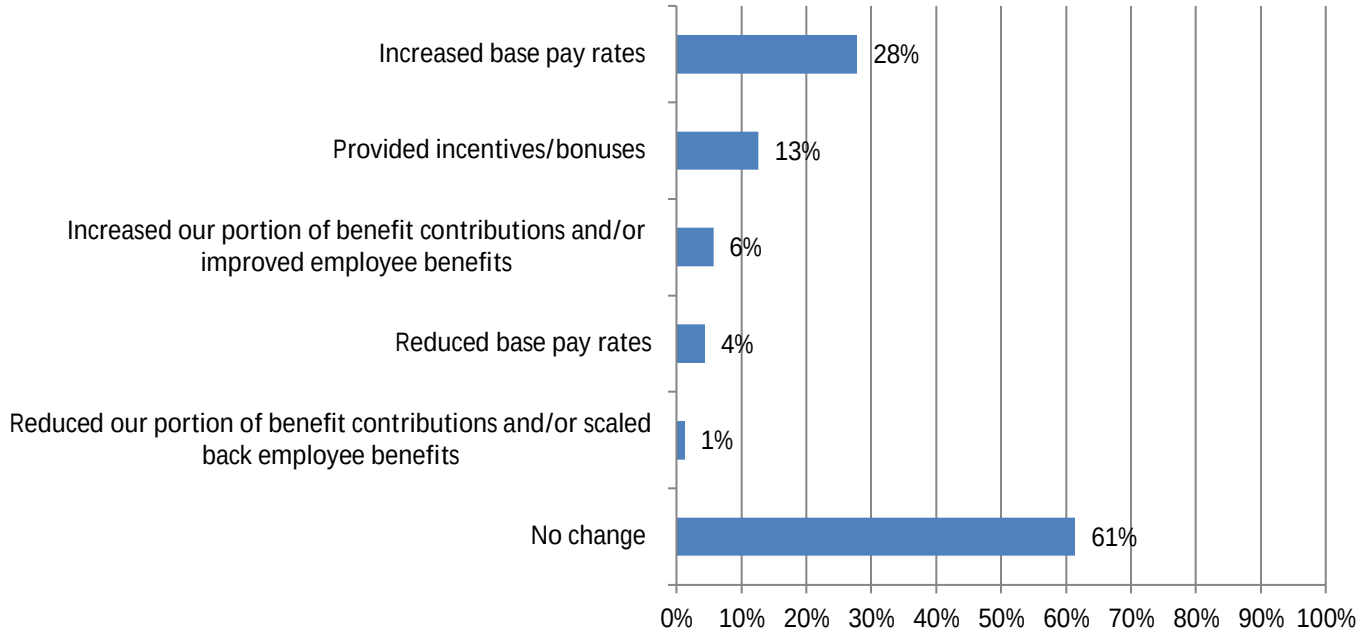


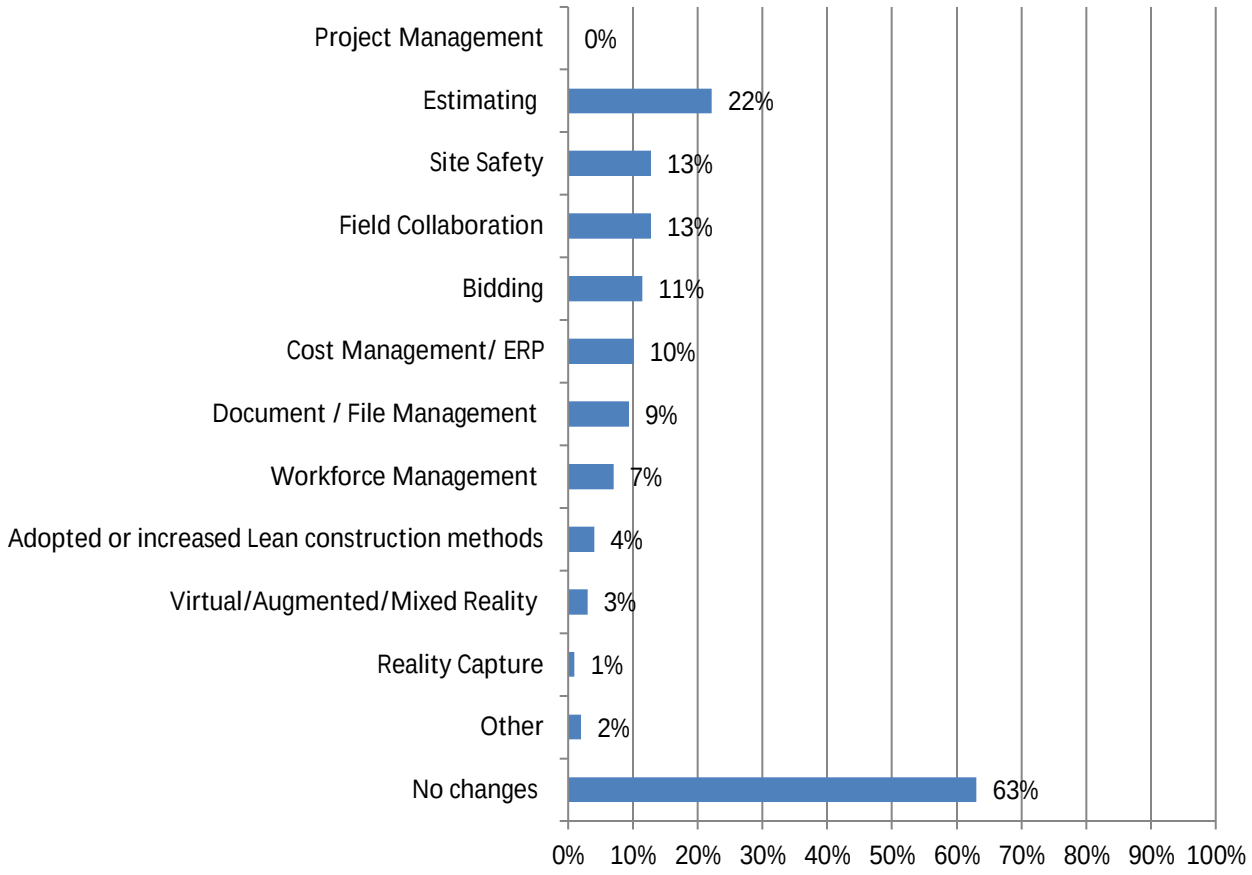


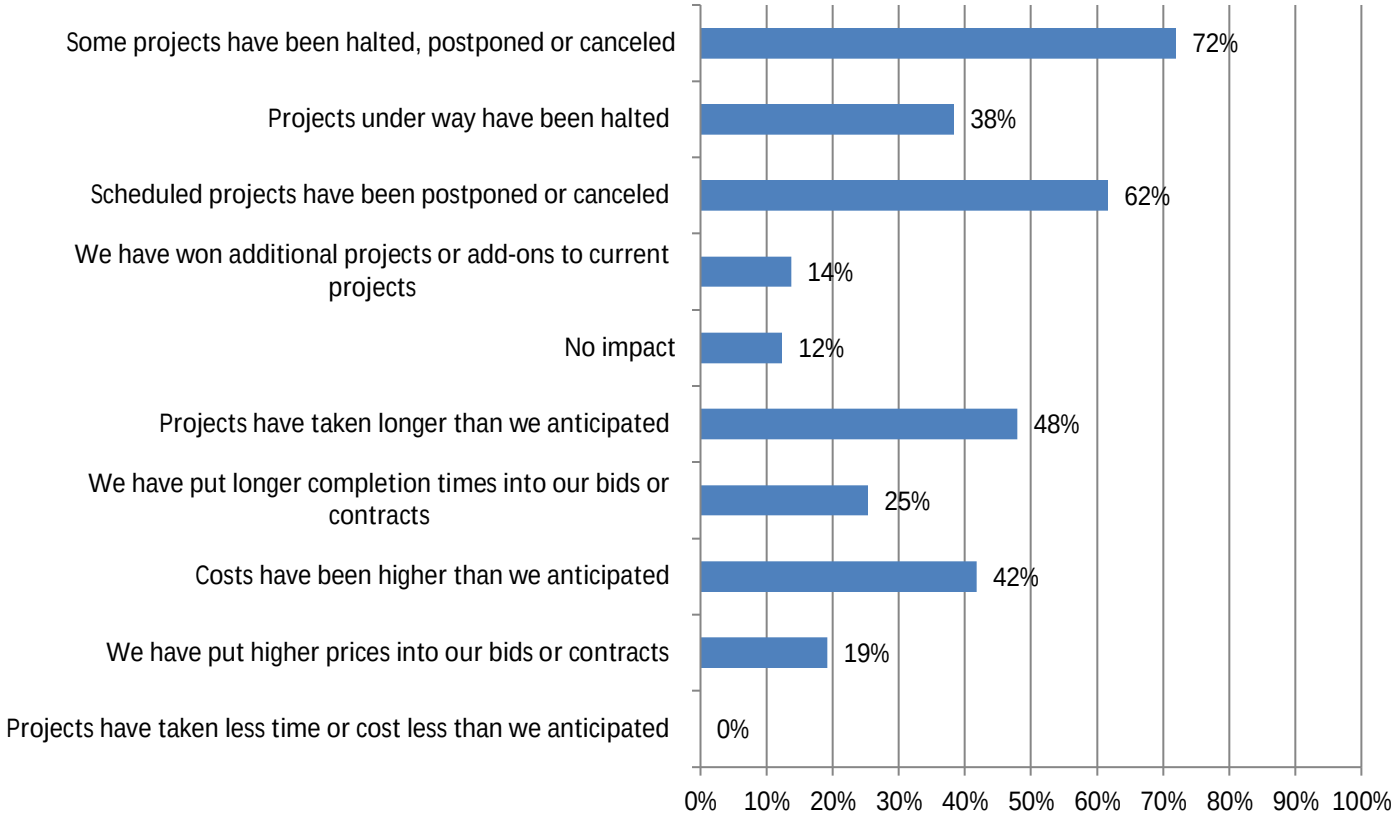

48%
63%
3%
14%
25%
19%
6-10
12%
2%
More than 10
12%
2%
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%

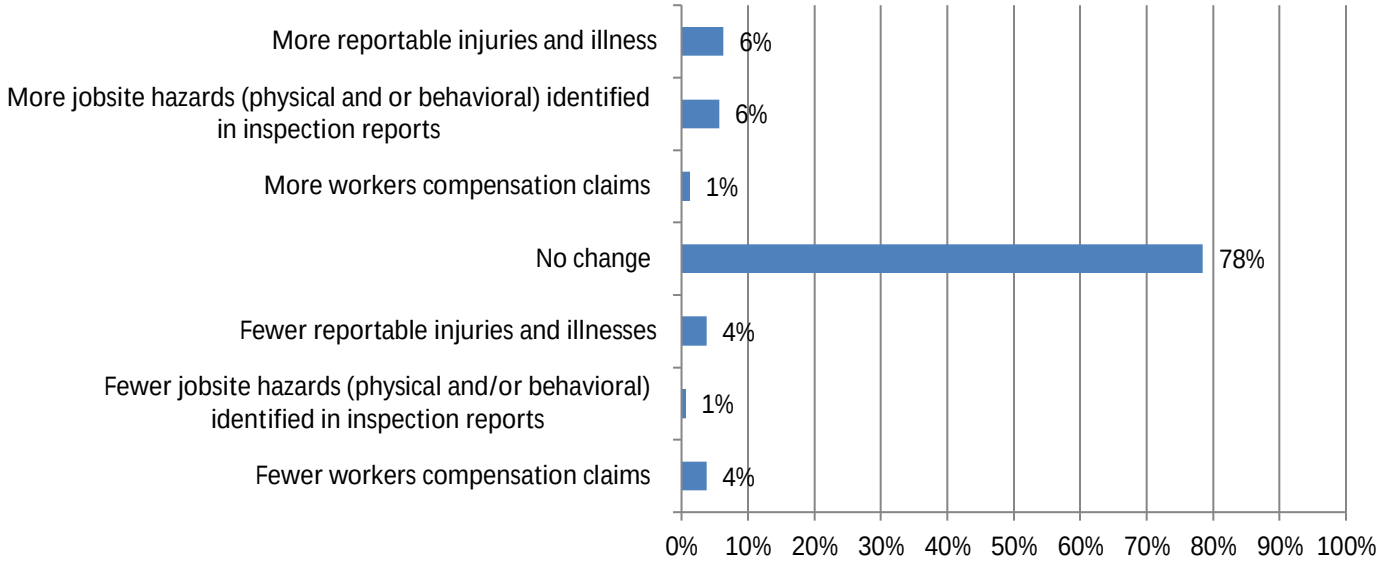

27%
23%
22%
18%
Augmented/mixed/virtual rea ised hiring standards
13%
Lowered hiring standards (e.g., education, training, employment or arrest record)
9%
Trained personnel in Lean construction methods
8%
Raised hiring standards
4%
Decreased or eliminated spending on training and professional development
3%
Added Lean construction personnel
2%
Other
3%
No changes
28%
Have not tried
16%
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%

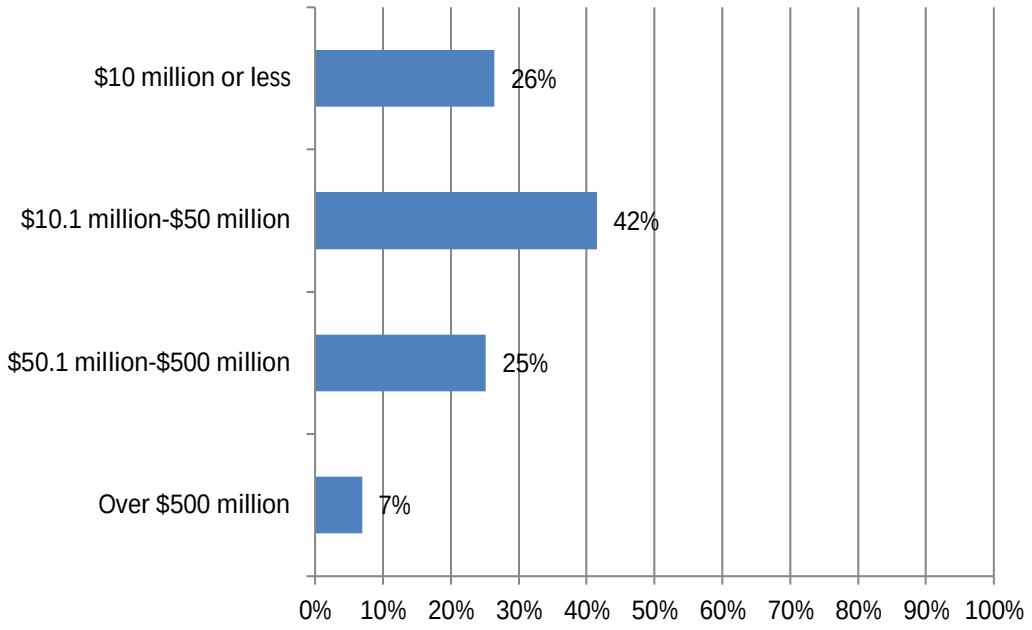

2%
0%

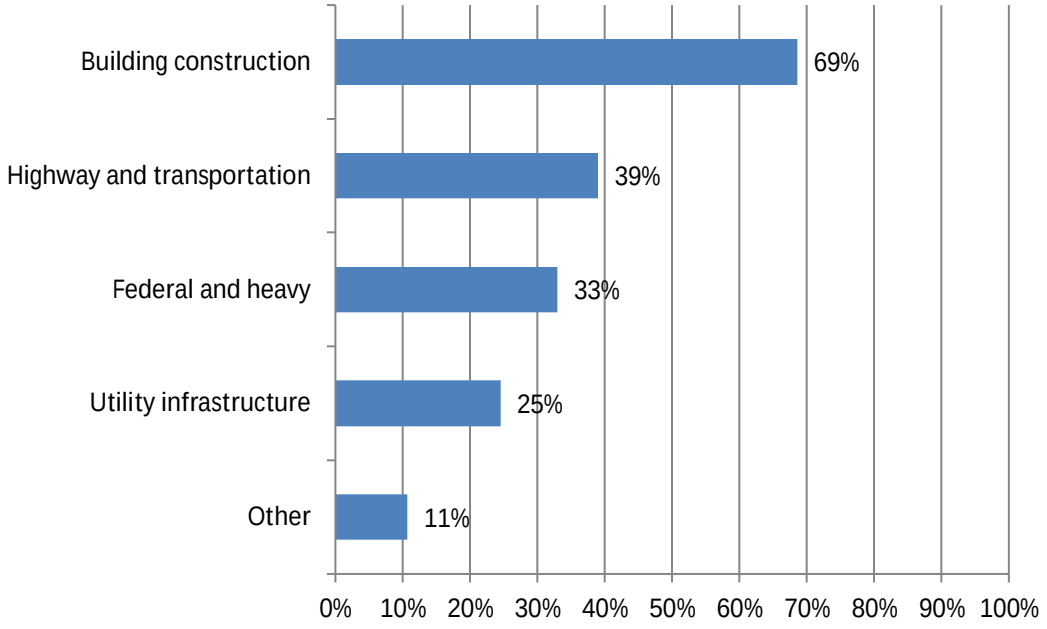

Increased base pay rates
28%
Provided incentives/bonuses
13%
Increased our portion of benefit contributions and/or improved employee benefits
6%
Reduced base pay rates
4%
Reduced our portion of benefit contributions and/or scaled back employee benefits
1%
No change
61%
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%

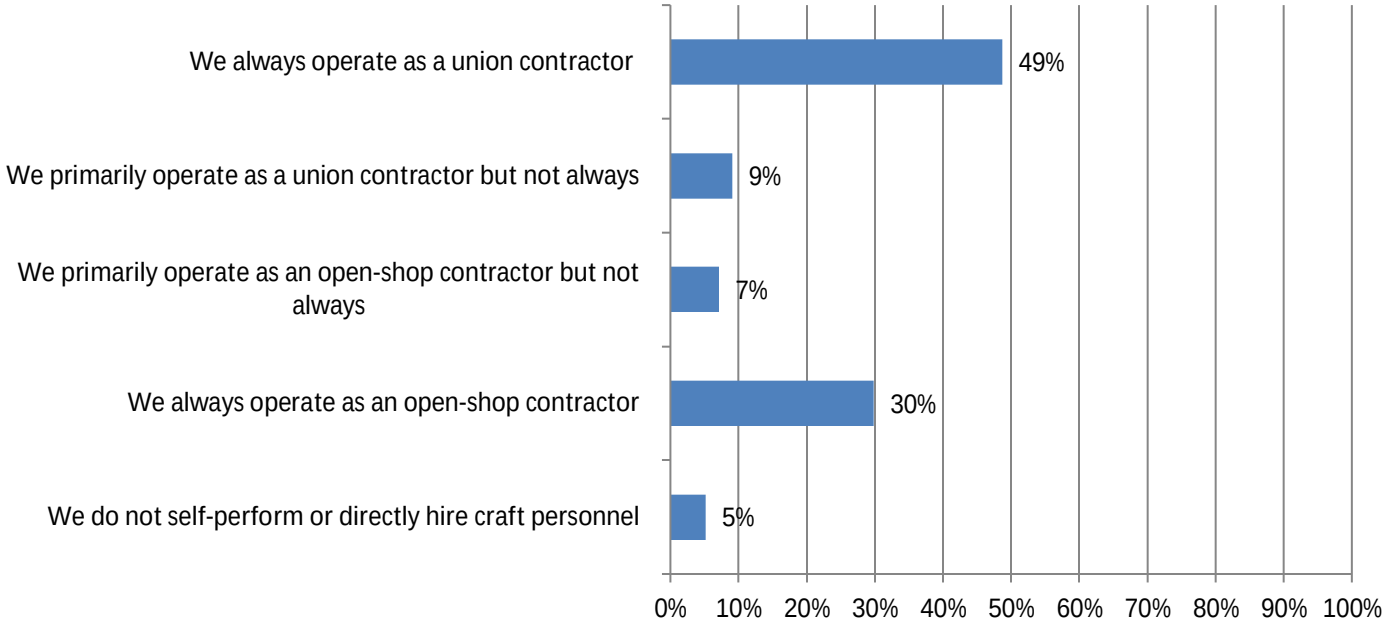

Project Management
0%
Estimating
22%
Site Safety
13%
Field Collaboration
13%
Bidding
11%
Cost Management/ ERP
10%
Document / File Management
9%
Workforce Management
7%
Adopted or increased Lean construction methods
4%
Virtual/Augmented/Mixed Reality
3%
Reality Capture
1%
Other
2%
No changes
63%
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%


Some projects have been halted, postponed or canceled
72%
Projects under way have been halted
38%
Scheduled projects have been postponed or canceled
62%
We have won additional projects or add-ons to current projects
14%
No impact
12%
Projects have taken longer than we anticipated
48%
We have put longer completion times into our bids or contracts
25%
Costs have been higher than we anticipated
42%
We have put higher prices into our bids or contracts
19%
Projects have taken less time or cost less than we anticipated
0%
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%


More reportable injuries and illness
6%
More jobsite hazards (physical and or behavioral) identified in inspection reports
6%
More workers compensation claims
1%
No change
78%
Fewer reportable injuries and illnesses
4%
Fewer jobsite hazards (physical and/or behavioral) identified in inspection reports
1%
Fewer workers compensation claims
4%
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%


$10 million or less
26%
$10.1 million-$50 million
42%
$50.1 million-$500 million
25%
Over $500 million
7%
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%


Building construction
69%
Highway and transportation
39%
Federal and heavy
33%
Utility infrastructure
25%
Other
11%
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%


We always operate as a union contractor
49%
We primarily operate as a union contractor but not always
9%
We primarily operate as an open-shop contractor but not always
7%
We always operate as an open-shop contractor
30%
We do not self-perform or directly hire craft personnel
5%
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%