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Q1 Please select your industry

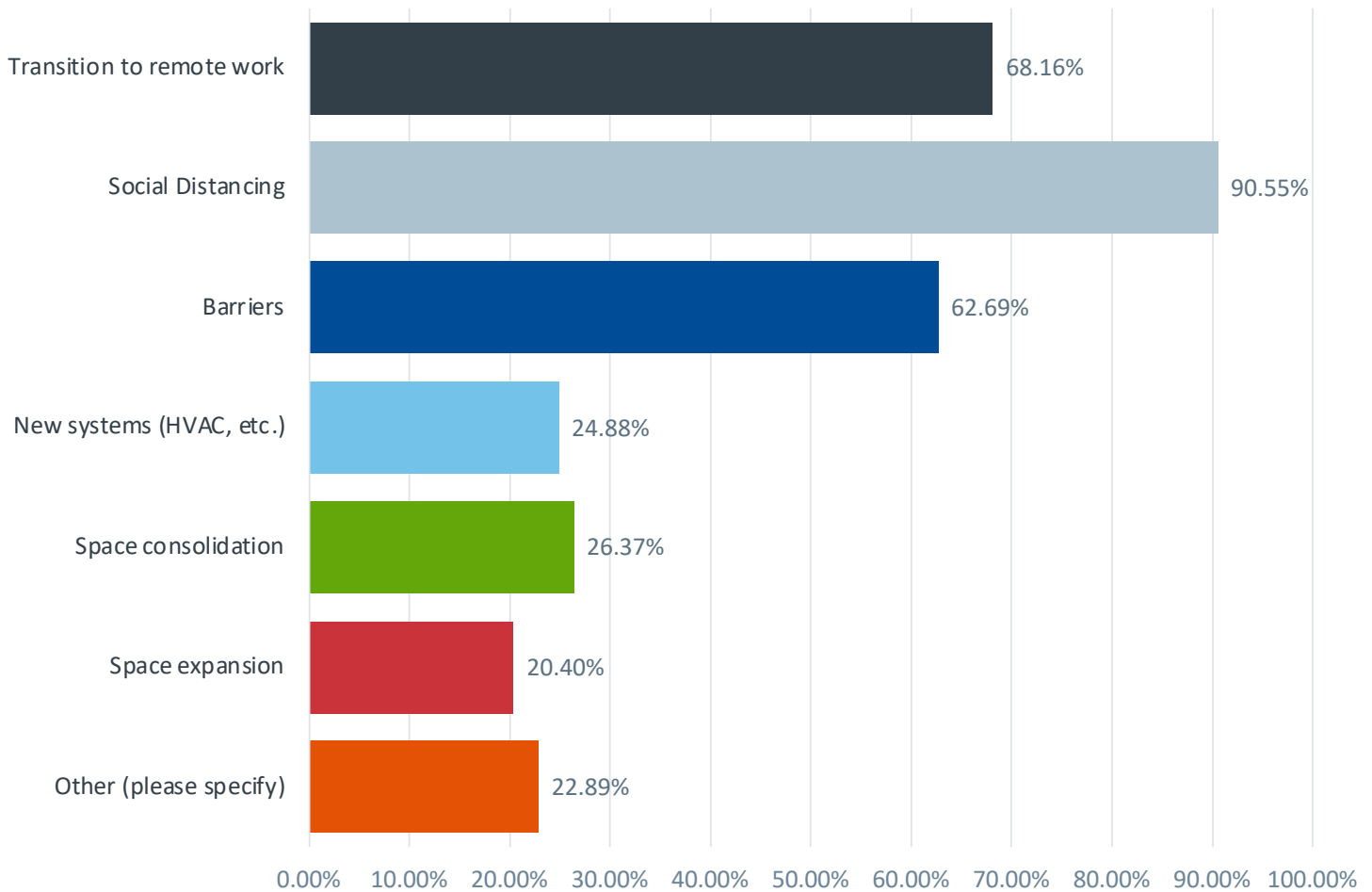Answered: 201   Skipped: 0

Industry	Percentage
Communications	1.00%
Transportation	1.49%
Utilities/Energy Firm	2.49%
Banking/Finance/Insurance	3.48%
Accounting/Legal Firms	0.00%
Business/Professional Services	7.96%
Retail Buildings	1.49%
Hospitality	4.48%
Healthcare/Medical Buildings	10.45%
Government	8.46%
Interior Design/Architect/Engineer	2.99%
Real Estate Development	0.50%
Property Management	4.98%
K-12 Educational Facilities	11.94%
College/University Facilities	12.94%
Worship Facility	3.48%
Commercial & Manufacturing	6.97%
Other (please specify)	14.93%

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ANSWER CHOICES	RESPONSES	
Communications	1.00%	2
Transportation	1.49%	3
Utilities/Energy Firm	2.49%	5
Banking/Finance/Insurance	3.48%	7
Accounting/Legal Firms	0.00%	0
Business/Professional Services	7.96%	16
Retail Buildings	1.49%	3
Hospitality	4.48%	9
Healthcare/Medical Buildings	10.45%	21
Government	8.46%	17
Interior Design/Architect/Engineer	2.99%	6
Real Estate Development	0.50%	1
Property Management	4.98%	10
K-12 Educational Facilities	11.94%	24
College/University Facilities	12.94%	26
Worship Facility	3.48%	7
Commercial & Manufacturing	6.97%	14
Other (please specify)	14.93%	30
TOTAL		201

#	OTHER (PLEASE SPECIFY)
1	Judiciary - Legal System
2	non profit
3	Private Prisons
4	Aerospace
5	Public Library
6	Water Treatment
7	cloud software
8	mixed
9	Data Solutions
10	Electrical sales
11	Research & Development
12	Residential Hall for Native American Students 7th-12th
13	sign engraving
14	non-profit
15	Financial Lending Call Center
16	Agricultural Research
17	NGO
18	Manufacturing & Distribution of medical devices
19	Construction
20	Construction
21	You're missing Recreation Arts and Culture facilities on your list.
22	museum
23	Aerospace
24	Senior living
25	Non-profit
26	Wholesale warehouse
27	non profit
28	Career & Technology School for High School and Adult Students
29	FM Software Solutions
30	Higher Ed

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Q2 How have you had to adapt your facilities/physical assets/space due to Covid-19? Select all that apply.

Answered: 201   Skipped: 0

Transition to remote work	68.16%
Social Distancing	90.55%
Barriers	62.69%
New systems (HVAC, etc.)	24.88%
Space consolidation	26.37%
Space expansion	20.40%
Other (please specify)	22.89%

0.00% 10.00% 20.00% 30.00% 40.00% 50.00% 60.00% 70.00% 80.00% 90.00% 100.00%

ANSWER CHOICES	RESPONSES	
Transition to remote work	68.16%	137
Social Distancing	90.55%	182
Barriers	62.69%	126
New systems (HVAC, etc.)	24.88%	50
Space consolidation	26.37%	53
Space expansion	20.40%	41
Other (please specify)	22.89%	46
Total Respondents: 201		

#	OTHER (PLEASE SPECIFY)
1	Touchless access controls
2	New cleaning systems
3	Conference calls
4	Temp checks, masks, no more meals catered.
5	Systems upgrade
6	Additional sanitization
7	Develop online desk, parking booking portal
8	Modify clinical area HVAC to low change configuration as full exhaust not possible.
9	hand sanitizer stations
10	HVAC System Mods and Office Spacing - Social Distnce
11	Wearing masks and installing additional hand sanitizing stations
12	extra housekeeping services
13	reduction in services
14	Face Mask , shields and gloves. Sanitization. Temperature check
15	screening protocol upon entry to the building.
16	Portable air purifiers with UV lighting.
17	Enhanced cleaning protocol
18	Nanotouch materials
19	mask and or face shields
20	None
21	None required
22	restrictive access to essential only
23	Closures
24	new sanitizing/cleaning procedures
25	hybrid remote/in office
26	New facilities; new offices; rotational presence WFH/Office
27	Hygiene Protocols
28	Installation of bipolar ionization systems in air handlers
29	increase frequency of cleanliness, sanitizing. include staff to assist with cleanliness in areas as custodians sanitize
30	Engineering has gone to remote work but production has been wearing masks and we havebeen sanatizing. But all this is ending May 1st.
31	Massive reduction in people capacity
32	Portable HEPA air filtration, face covering requirements on site, increase disinfectant andsanitizer with microfiber clothes
33	Mandatory face masks for all employees at all times
34	sanitizing protocols in pre-school, air circulation , outside fresh air, masking in the building,service existing ventilation
35	New cleaning/sanitizing protocols
36	HVAC filtration upgrades MERV 8 to MERV 13; additonal daily disinfection by hskp; additionaldisinfection and health reporting mesaures for staff
37	Sanitation wipe downs on a regular schedule
38	Neddle Point Ionization in all HVAC units
39	automatic temperature check machines at entrances
40	Testing and Vaccination Clinics
41	hand sanitizer stations every 20 ft, touchless levers, bi-weekly handouts of n95 masks
42	Following Health Dept. and CDC guidelines
43	We did small clipboards for a awhile at each seating area we designated with a paper to get names for who sat there. This allowed for contact tracing. Our plan worked very well. Not oneperson contracted Covid due to attending one of our services.
44	Remote technical and install and training
45	Postponing some work
46	Track people coming in and out of the building, monitor behaviors of people coming into thebuilding, find places to put all the excess furniture

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Q3 In 2020, how did Covid-19 impact your facility project priorities? Select all that apply.

Answered: 184   Skipped: 17
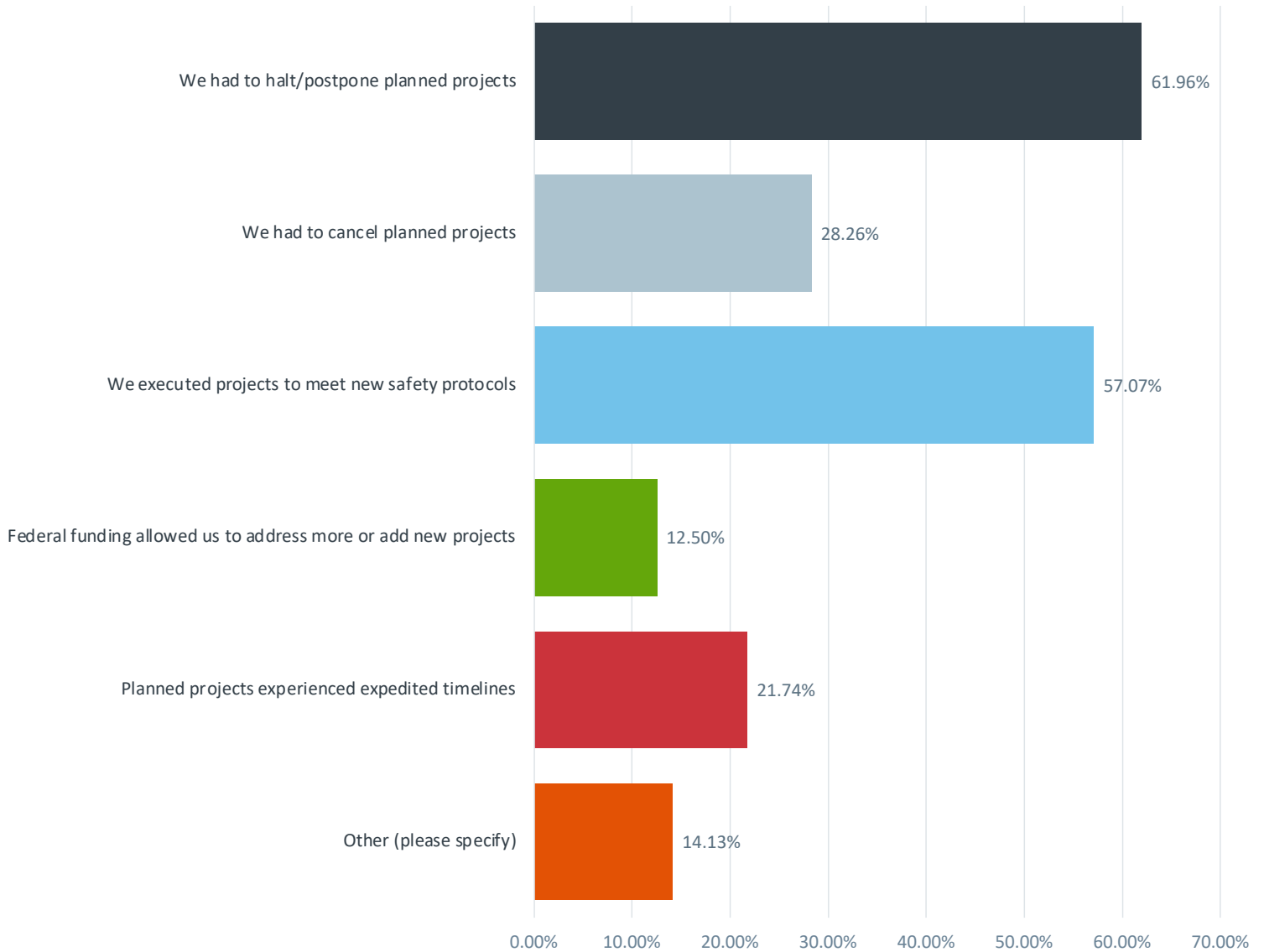
ANSWER CHOICES	RESPONSES	
We had to halt/postpone planned projects	61.96%	114
We had to cancel planned projects	28.26%	52
We executed projects to meet new safety protocols	57.07%	105
Federal funding allowed us to address more or add new projects	12.50%	23
Planned projects experienced expedited timelines	21.74%	40
Other (please specify)	14.13%	26
Total Respondents: 184		

#	OTHER (PLEASE SPECIFY)
1	Extensive consideration of social distancing and cleaning services due to exposure
2	Projects negatively impacted by supply chain issues
3	Project proceeded with masks, covid protocals, but had supply issues
4	We started to grow out of control.
5	Supply chain delays and lack of locate technical support
6	having trouble getting contract bids
7	Closed business
8	We moved forward opening a new facility
9	adapted to Covid requirements
10	Planned projects continued normally
11	We executed on projects outside of facilities to maintain COVIS protocols
12	Did not alter them
13	no change
14	priorities stayed the same
15	We cut down on advertising
16	planned and in process projects continued with all essential safeguards
17	We had to pivot and change our path.
18	We had just begun construction of a new space when the pandemic hit. Because construction was considered "essential" we completed the construction and moved into it during lockdown. We had to alter our plans to have the moving company do more work, but the pandemic helpedin that we could do construction and moved during normal work hours. We therefore saved money by not paying overtime costs.
19	planned projects experienced extended critical paths
20	work conntinued with restrictions followed
21	no change
22	none planned
23	We had completely shut the resort down and furloughed 95% of our staff. We still have notrecovered.
24	Critical projects continued, others were delayed
25	Replaced Roofs. Interior projects were postponed
26	N/A

Q4 For 2021, what ways has the impacts of Covid-19 changed your project priorities? Select all that apply.

Answered: 184   Skipped: 17
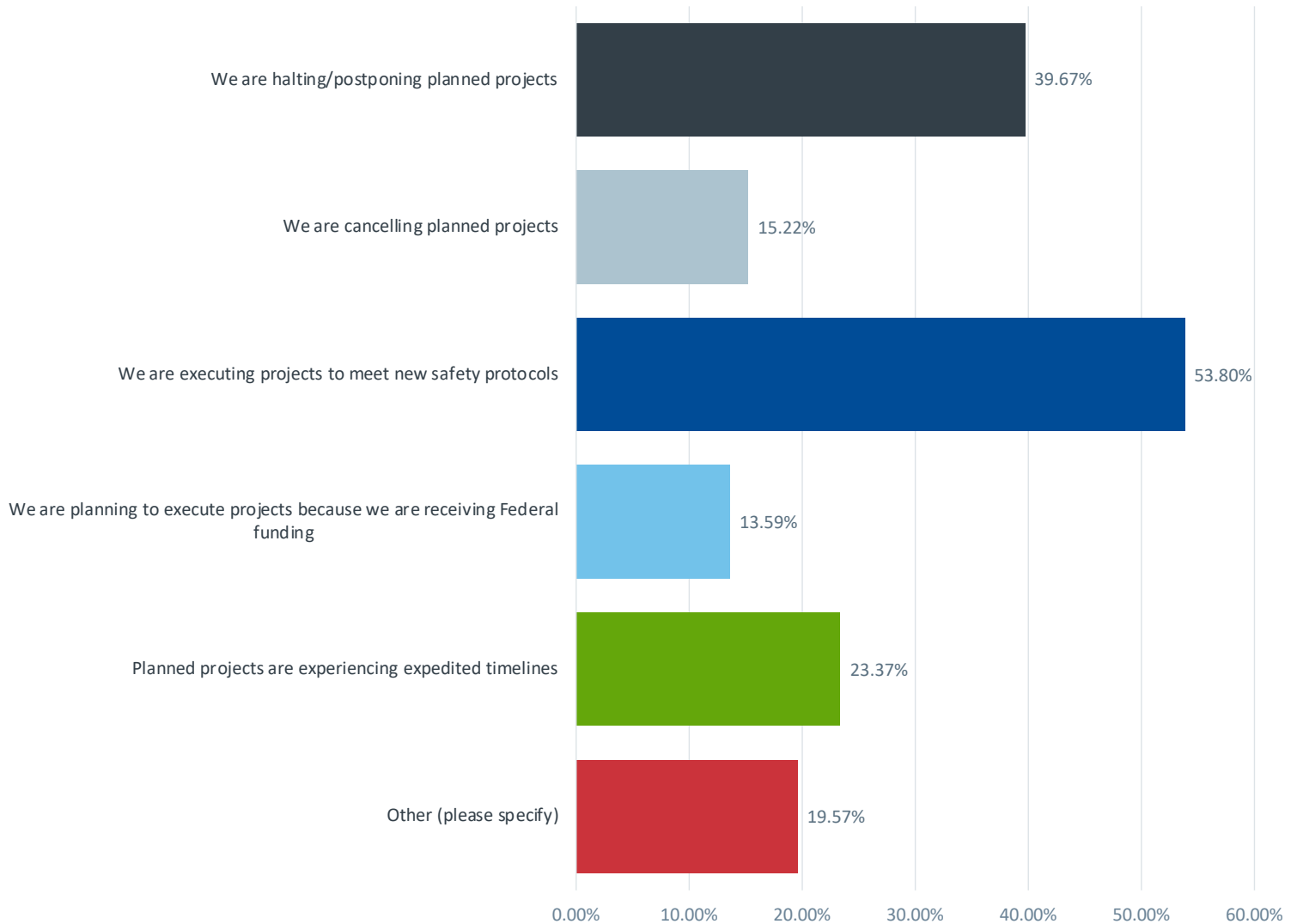
ANSWER CHOICES	RESPONSES	
We are halting/postponing planned projects	39.67%	73
We are cancelling planned projects	15.22%	28
We are executing projects to meet new safety protocols	53.80%	99
We are planning to execute projects because we are receiving Federal funding	13.59%	25
Planned projects are experiencing expedited timelines	23.37%	43
Other (please specify)	19.57%	36
Total Respondents: 184		

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#	OTHER (PLEASE SPECIFY)
1	As inhouse crews are returning, projects are proceeding
2	Planning and executing projects continue to move forward
3	The small number of projects that we have were not affected.
4	postponed projects are moving forward
5	N/A
6	Project delays, lack of government and industry response/direction re COVID design changes.
7	having trouble dealing with government entities that are working from home
8	Less projects due to contractor availability.
9	Implementing work from home and hoteling policy
10	adding additional projects to replace those that were postponed
11	No impact
12	expanded WFH has caused us to review work space requirements going forward
13	Projects delayed due to supply issues
14	none planned
15	Searching for other means to serve clients.
16	no changes to our plans
17	on schedule
18	resuming projects that were halted/postponed
19	No change
20	We are proceeding with exterior projects
21	We are halting planned projects in California, New York and Pennsylvania
22	We have no pending projects this year. We are continuing to practice social distancing, maskwearing and hybrid remote/in office schedules.
23	Only mission critical projects will be planned
24	no change
25	Planned projects are experiencing extended completion times due to staffing issues
26	none planned
27	Summer capital improvements are scheduled for after school is out.
28	We don't have a lot of planned projects because budgets are tight
29	Getting back on course for planning projects
30	NA
31	High priority projects continued, others were delayed
32	Planning only small projects.
33	We are back to normal operations and timelines.
34	We are doing more projects in house
35	We have rescoped projects
36	Created new opportunities

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Q5 When it comes to facilities and capital planning, what are your biggest challenges? Select all that apply.

Answered: 178   Skipped: 23

ANSWER CHOICES	RESPONSES	
Gathering the right facilities data needed to make decisions	31.46%	56
Balancing current day-to-day needs and long-term organizational goals	69.66%	124
Prioritizing project selection	34.83%	62
Effectively communicating facilities needs to other building stakeholders	33.15%	59
Receiving budget approval	47.75%	85
Other (please specify)	5.62%	10
Total Respondents: 178		

#	OTHER (PLEASE SPECIFY)
1	A structured approach to quarantine and purpose built treatment facilities is required from government and industry
2	Reduction of employees in the office.
3	very short-sighted choices professionals won't encounter
4	ability to select a firm to conduct an FCA with a set of information requirements for an RFP for FCA services.
5	Labor
6	Costs & timing has changed on delivery of some materials
7	obtaining needed funds
8	Taxation
9	Gathering data regarding case infection rates and determining how that will impact the safety of our employees. This data affects how we plan the hybrid remote/in office work schedules.
10	none, the issues listed are rookie level

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Q6 How have your budgets/funding changed in 2021?

Answered: 178   Skipped: 23
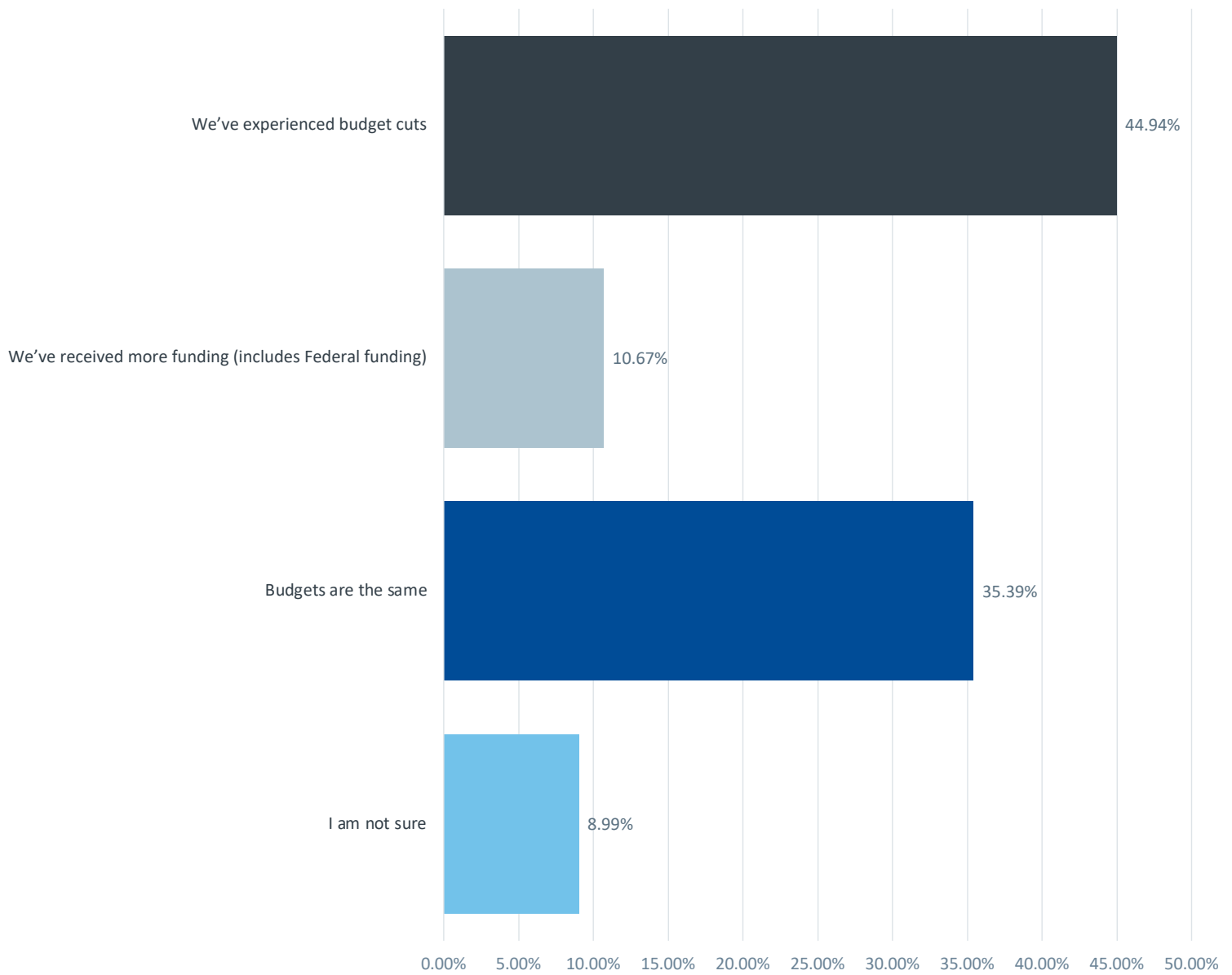
ANSWER CHOICES	RESPONSES	
We've experienced budget cuts	44.94%	80
We've received more funding (includes Federal funding)	10.67%	19
Budgets are the same	35.39%	63
I am not sure	8.99%	16
TOTAL		178

Q7 What events/factors are most responsible for changes to your budget from 2020 to 2021?

Answered: 97   Skipped: 104

#	RESPONSES
1	Decrease in patient admissions
2	Drop in census in our facility
3	Overall tightening of Federal Budget and extensive COVID related expenses
4	Less projects executed, lower density on campus = decrease in work orders, revenue loss dueto enrollment decline
5	Capacity of work area and social distancing
6	Building safety, Staff Safety and environment, etc.
7	Port/supply chain issues
8	COVID and current administration
9	COVID-19
10	Ventilation upgrades and filter upgradesh
11	Lose of space due to teleworking.
12	Reduced staff working in buildings
13	Significant loss of revenue during CoVID early days
15	Safety measures (costs) Staff Training (Covid -19) Remote working assets relocation or procure new Remote working deliveries (expand to home locations) Digital transformation
16	Material price increases, shortages
17	The receipt of federal funds has provided more work for facilities since we are adaptingclassrooms with new technology and mounting trainers
18	Vaccine for Covid
19	Funding shifted to other departments.
20	Cancellation of paying events impacting revenue
21	Smaller tax base, but we have received ESSER funds to help with some projects that changeddue to Covid protocols
22	Getting ready for re-entry Sanitize as much as we can
23	COVID-19 and Attendance
24	Reduction in revenue
25	Lack of capital to invest in projects
26	People working from home instead of in the office.
27	Lower sales, lower number of people being served
28	Reduced revenue for all types of medical services due to service cuts, reduced reimbursementfor telehealth and reduced pharmacy revenue.
29	reduced business volume in 2020 and early 2021 due to covid
30	Enrollment drops have drastically impacted our operating budget. State budget deficiencieshave impacted our capital budget.
31	COVID
32	Staff worksite reallocation
33	CDC guideline meant business shutdown.
34	Loss in revenue genetation
35	Budget drastically cut in 2020, will remain about the same in 2021.
36	decreased enrollment at our college. Uncertainty with future enrollment.
37	Remote work has reduced the desire for stakeholders to approve funding for building projectssince they do not feel that the building is being utilized at this time.
38	Pandemic saga
39	Revenue reduction and expenditure on covid
40	more emergency procurements due to Covid-19
41	lack of students
42	Buisneess barier
43	no revenues
44	We are experiencing a rebound to 2019 numbers already.
45	market changes
46	lack of materials and qualified workers as a result of governmentally imposed covidrestrictions, and Biden government's redirection of governmental priorities.
47	Lower sales volumn

48	COVID-19 expenditures
49	additional welfare facilities, safety barriers to keep persons apart, covid monitor on each site
50	lower donations has cut into operating budgets, so projects have been delayed or de-scoped.
51	Biden Administrations policy on taxation has required us to stop projects, in many of the Liberal States, and created a situation where we now have to layoff, great employees, becauseof the increase in taxes that are coming soon. Everyone needs to plan ahead for the difficult times under the Biden Administration. We now have more bureaucracy, more regulations, more taxes.
52	The pandemic and low enrollment
53	revenue
54	I manage only 25000 SF in a highrise (my office only). Due office closures in 2020 and early 2021, expenses for supplies and other day-to-day items dropped. Budgets have been reducedaccordingly.
55	reduction in funds flow(into organization accounts) reduction in core customers in facilitiesretrofitting facilities to satisfy physical distancing
56	Closure of Facilities
57	Students funding
58	lack of on site students, out of sight out of mind
59	Extended cleaning scope
60	Purchase of COVID 19 items to conform to social distancing and disenfection
61	Other companies over done response to COVID has caused issues in supply chains.
62	Short/long term impacts to capital spending allocations.
63	Business reduction and income shortages due to Covid Lockouts and restrictions
64	fed
65	air quality projects and expenses related to covid but managing real estate taxes.
66	Reallocating funds to more prioritized accounts
67	Remote worship. Reduced number of slots available in our preschool program. (owing to theneed to increase spacing in classes.)
68	Tough year in 2020
69	enrollment be down
70	projected reduced revenue for services provided, from donations, and reduced fund raisingopportunities
71	The lack of funding due lack of ridership
72	increased prices of supplies due to covid hoarding and shortages
73	Reduction of staffing levels
74	enrollment dropped due to parents losing jobs
75	Financial costs associated with Covid
76	Lack of funding from the State of Florida.
77	Increase of Food Insecurity and building resources to meet the need.
78	Less ridership, safety protocols.
79	We've put some expense and capital projects on hold in order to pay for increased cleaningcosts due to COVID
80	Lack of revenue
81	New administration in DC.
82	Financial issues due to COVID
83	customer plant shutdowns
84	Covid Stimulus monies is off setting income loss
85	significant increase in spending on pep and the safety measures
86	Reduced sales.
87	federal funding
88	COVID-19 and Ransom Ware incident
89	most employees working remote
90	Low student enrollment due to COVID-19
91	funders for non profits like us
92	Uncertainty and exploring what is the right hybrid working model
93	Reimbursed tuition, cost of doing business with the revenue generated through tuition
94	Pandemic
95	Lower revenue. Uncertain state and county budgets.
96	covid
97	federal funding

Q8 What types of construction projects are you planning to complete in the next couple years? Select all that apply.

Answered: 172   Skipped: 29
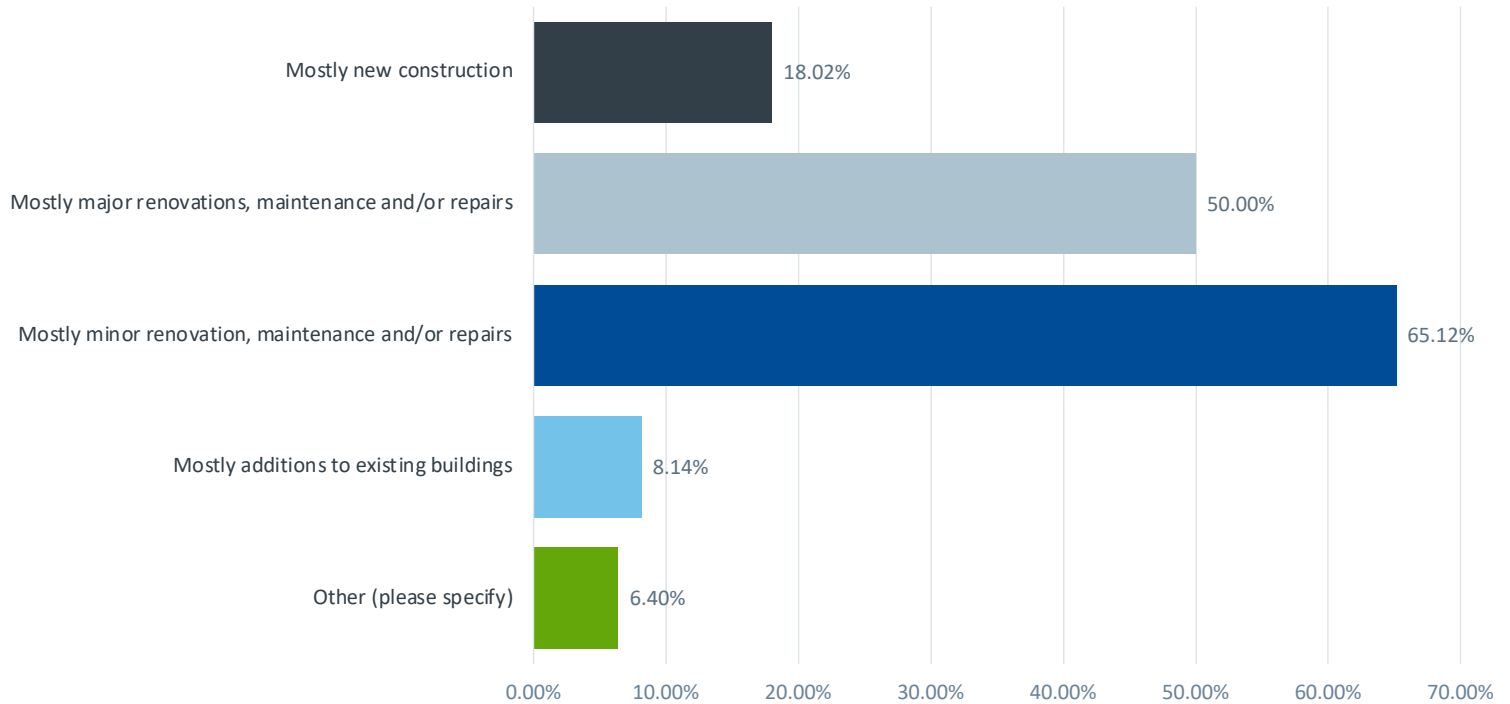
ANSWER CHOICES	RESPONSES	
Mostly new construction	18.02%	31
Mostly major renovations, maintenance and/or repairs	50.00%	86
Mostly minor renovation, maintenance and/or repairs	65.12%	112
Mostly additions to existing buildings	8.14%	14
Other (please specify)	6.40%	11
Total Respondents: 172		

#	OTHER (PLEASE SPECIFY)
1	Roofing, ATM's, HVAC, Parking lots, drive up equipment, renewing leases....
2	NO major projects
3	n/a
4	None
5	Uncertain at the moment.
6	None
7	None
8	None
9	Planning for minimal additional space
10	We plan for all and then work to whatever the budget is which could change at any minute.Safety is first though.
11	consolidations with renovation

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Q9 What hinders you from completing more work or what slows you/yourteam down? Select all that apply.

Answered: 172   Skipped: 29
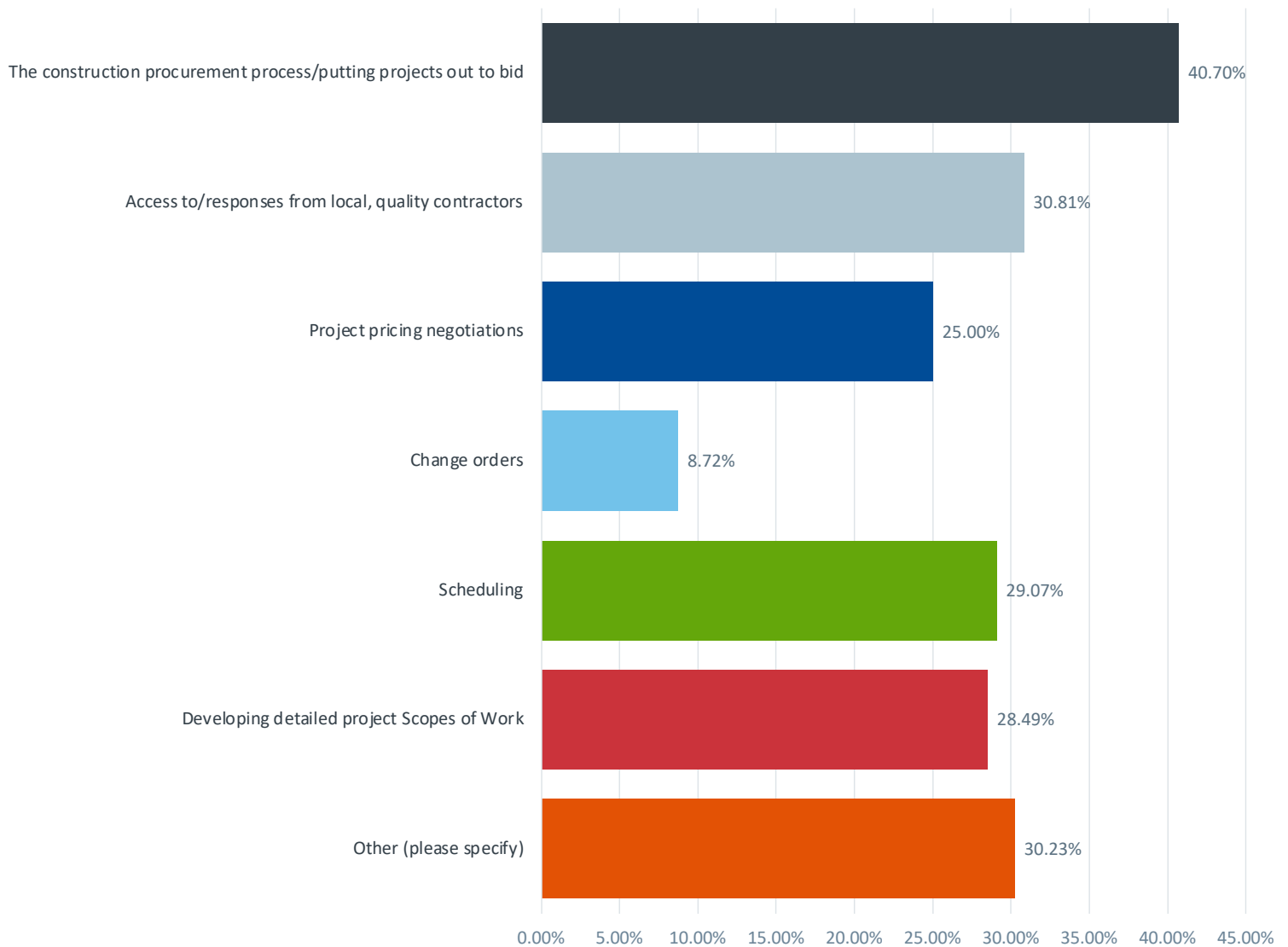
ANSWER CHOICES	RESPONSES	
The construction procurement process/putting projects out to bid	40.70%	70
Access to/responses from local, quality contractors	30.81%	53
Project pricing negotiations	25.00%	43
Change orders	8.72%	15
Scheduling	29.07%	50
Developing detailed project Scopes of Work	28.49%	49
Other (please specify)	30.23%	52
Total Respondents: 172		

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#	OTHER (PLEASE SPECIFY)
1	funding and manpower
2	General shortage of qualified contractors willing to take on jobs in the high securityenvironments
3	no resources
4	Materials: Cost and the availability
5	Current administration
6	Nothing at this time
7	Lack of direction an asset life cycle funding. Politicians like shiny new not maintaining existing (no vote or photo opportunities in BAU)
8	inspections
9	material supply affected by COVID, example factory shutdown
10	Lack of funds
11	Difficulty with material / resource availability
12	supply chain - everything is on backorder
13	approval for /reprioritizing when additional funding is needed
14	Availability of material and supplies
15	The amount of time it takes to get a project approved by our leadership
16	Layoffs
17	Limited availability to local permitting and approval authorities
18	Packaging shortages
19	People not readily available.
20	same response
21	On going restrictions for social distancing and travel.
22	Priority to meet employees salary
23	given the nature of our work, not applicable
24	Funding sources
25	None
26	funding
27	scheduling due to availability and delivery dates
28	Lack of manpower
29	Taxation and in what forms is it going to rear its ugly head under the Biden Administration
30	None
31	Not applicable
32	Nothing planned
33	Lack of understanding from management that is not hands on like we are
34	availability to materials
35	Lack of labor to complete the project
36	same response
37	Inadequate staffing hindering our ability to do work
38	Fund raising and priorities. We are a non-profit.
39	Internal staff size
40	funding from the counties
41	all design development and construction planning is being held virtually
42	Internal funding
43	money
44	Have not experienced any
45	Incoming revenue
46	Financial constraints
47	Organizational priorities keep changing
48	COVID-19 Safety Protocols
49	funding
50	These three phases seem to take the longest times and could disrupt the outcome of theproject
51	Budgetary restraints less money from State and Federal funding
52	skilled construction workers of all types

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Q10 What project delivery method(s) do you plan to use for your upcoming construction projects? Select all that apply.

Answered: 162   Skipped: 39
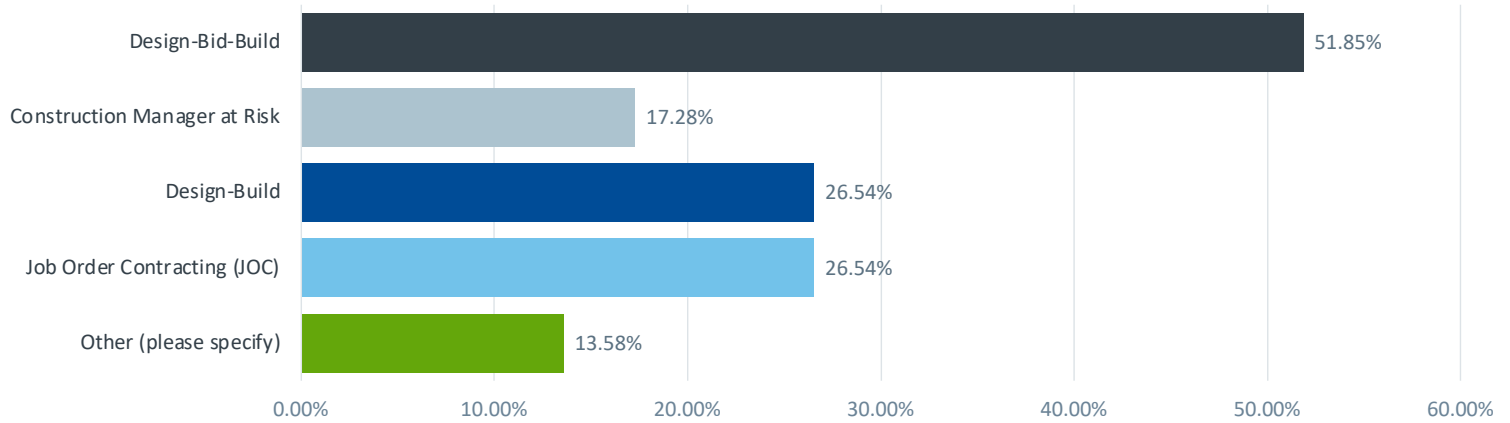
ANSWER CHOICES	RESPONSES	
Design-Bid-Build	51.85%	84
Construction Manager at Risk	17.28%	28
Design-Build	26.54%	43
Job Order Contracting (JOC)	26.54%	43
Other (please specify)	13.58%	22
Total Respondents: 162		

#	OTHER (PLEASE SPECIFY)
1	None scheduled
2	Public bid
3	none of the above
4	n/a
5	No planned construction.
6	none
7	TBD
8	N/A
9	None planned
10	N/A
11	Not applicable
12	Nothing planned
13	selective bidding
14	n/a
15	We do not perform construction work
16	none
17	Define scope. Employ project manager to seek bids, aid in selecting products, supervise andapprove work.
18	NA
19	Do not know at this time
20	IPD-ish
21	Na
22	in-house

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Q11 What is your greatest challenge to project scheduling?

Answered: 162   Skipped: 39

#	RESPONSES
1	Financial
2	Restraints in fast award processes and procurement regulations
3	Complex projects need schedule - do not have resident expertise in different softwareapplications
4	materials time lines
5	Budget and client always making changes
6	Contractor failure to meet/follow schedules
7	Resources at Covid-19
8	supply chain
9	Customer flow and weather.
10	Man power and materials
11	None
12	None at this time
13	Safety Reviews that include Covid 19
14	phasing for continuous operation
15	uncertain costs due to inflation and supply issues
16	finding contractors who have staff to do the work
17	n/a
18	supplies
19	funding
20	The price of materials
21	Continuous design changes
22	Ability to work around work stations, new electrical needs, expanding/cutting specific workareas.
23	Working with subcontractors
24	Stakeholder alignment and political/executive interference. Reduction in beds/operations onMY watch looks bad in monthly figures.
25	Personnel and contractors schedules
26	Getting bids
27	Budget and calendaring
28	Getting everybody together at the same time
29	personnel work coordination and speed, timing it and allocating qualified staff
30	Contractors not providing updated schedules to reflect material shortages.
31	uncertainty of COVID restrictions
32	Being able to carry out cohesive design, build, commission projects to assist ongoing work.
33	Inflation of materials
34	expedited needs
35	Planning around COVID Protocols
36	Funding Scheduling
37	Lead times on material procurement and manpower availability
38	Logistical coordination among various teams/parties
39	getting workers
40	cant find who you need
41	The pandemic.
42	resource availability
43	Establishing accurate lead time for material.
44	Finding sub-contractors that can meet agreed upon timelines. They all are dishonest about when they can start and how long it takes. They also want weekly draws and we are not set upto do that for them.
45	Budget
46	getting enough workers
47	Just getting it through the chain of approval
48	Timely review and permitting and bid submissions.
49	Personnel
50	dependable labor
51	Nothing
52	Budget cuts have reduced our staff and we are limited in what we can contract out.
53	none
54	Subcontractors following through on their commitment
55	Vendor support

56	Uncertainty regarding restrictions.
57	Generation of sufficient funds for projects
58	Funding and permitting
59	Time to get things done.
60	Budget
61	Contractor and material availability
62	Finding People
63	Staying on task to meet deadlines.
64	Availability of resources
65	material availability
66	alignment with core business - work must be done in a certain timeframe to avoid disruption.
67	Time and staffing.
68	Length of time to go from bidding to approval
69	Team not capturing the important work scope in the path
70	Staff resources and work volumes
71	Amount of work versus available contractors
72	That CO-VID is under CONTROL so that we are able to move forward with any/all possibleprojects.
73	Material and equipment delivery delays
74	procurement procedures
75	funding
76	Manpower in this covid creasis
77	time
78	Labor shortages
79	available vendors, contractors and materials
80	quick turnaround not always possible due to material availability and delivery dates.
81	availabilty of qualified workers and materials whose costs haven't been inflated out of reach
82	Getting response
83	We are booked out a month
84	Materials
85	Coordination of other activities to avoid impact
86	staying within the required safety needs for the pandemic
87	Receiving confirmation vendors are able to support the schedule and meet their deadlines ontheir portions of the project and qualified people.
88	Availability of manpower and supplies
89	non availability of materials
90	Getting approval
91	procurement lead times and municipal permitting process has lengthened
92	Scheduling is not the issue. Bureaucracy, Taxes, increased Government regulation.
93	Having enough staff
94	COVID related safeguards for everyone's health and welfare.
95	Right now it's restrictions.
96	We have no planned projects
97	materials for project being delayed
98	Productivity of labour force
99	Contractor Availability
100	Uncertain timelines/not knowing when things will get back to "normal"
101	Securing funding for projects requires a 2/3 majority vote from the community
102	Material and contractors
103	money
104	Client's making decisions and approval
105	Lack of labor
106	n/a
107	seeking approval. approach the leaders of each in house organization, they introduce to theprospective group, and so on. this takes time in itself.
108	Timing contractors
109	Availability of staff
110	Contractor availability.
111	end users
112	Finding contractors able to complete the work
113	Labor force
114	na
115	Probably the concept that it's difficult
116	Having the building back together in mid August when preschool begins to function. (Weusually begin within a day or two of the end of the school year.)

117	Budget
118	Short timeframes to get the work done before school starts
119	NA
120	knowing when we can get funding for the project.
121	The virtual environment allows for flexibility in organizing meetings and discussions , but putschallenges as well because in-person has it's advantages as well.
122	Uncertainty of material delivery timelines due to Covid-19 related labor shortages, andincreased demand for materials.
123	24/7 use of facilities and ever expanding programs that utilize buildings year round
124	scheduling everything to work together
125	The permitting process in the Austin area.
126	time
127	Contractor availability
128	Daily business
129	budget
130	Resources
131	Coordination of all team and project supervisors to resolve issues or concerns quickly andefficiently
132	Completion before students return in the fall
133	Finding Labor
134	We have none.
135	N/A
136	Safety protocols, material delivery.
137	Making sure it doesn't impact any divisions, who may have unanticipated changes in theirschedules crop up.
138	Short/small available window to accomplish work and still accomplish our core task.
139	Receiving reasonably priced bids as compared to Government estimates.
140	Funding
141	Availability of contractors.
142	Working around the educational schedules
143	Meeting timelines
144	smaller budgets in the coming year
145	city filing and processing delay
146	Fitting construction into the warehouse schedule.
147	Organizational timelines do not allow for enough consideration around pre-design process
148	available contractors
149	Getting Contractors to respond due to COVID issues
150	contractors maintaining the schedule timeline
151	Working on a busy, occupied, K-12 campus.
152	Site access due to COVID-19
153	reliability of contractors
154	Long lead items
155	Knowing if the money we have can be used or if the University is going to take it because of COVID to fill the exceeding costs they have had to deal with. Hate to plan and schedule a project only to have the funding revoked at the last minute. Hurts our relationship with vendorsand with our stakeholders.
156	Getting people here in a timely manner.
157	Manpower
158	Remote delivery
159	availability
160	staff
161	Having enough staff
162	extended lead time due to COVID-19

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Q12 Has your organization increased its use of technology in project planning/scheduling/execution in the current environment?

Answered: 162   Skipped: 39
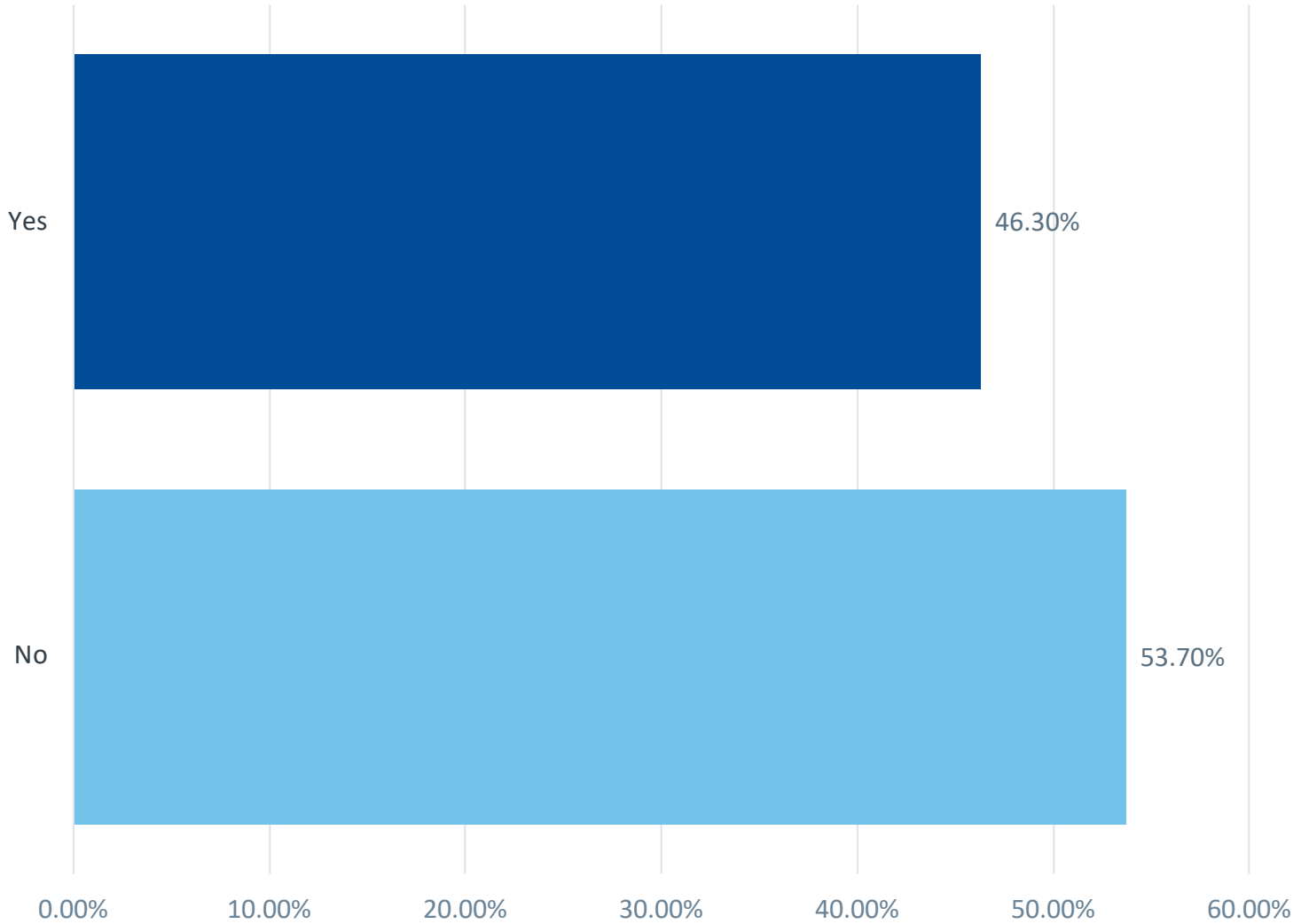
ANSWER CHOICES	RESPONSES	
Yes	46.30%	75
No	53.70%	87
TOTAL		162

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Q13 What types of technology are you utilizing in your projects?

Answered: 73   Skipped: 128

#	RESPONSES
1	Computer based programs to align project schedule, costs and completions.
2	smaller projects - in house processes, larger projects - ebuilder
3	Cad design and all forms of electronic communications
4	Energy Management
5	touch less, lights, faucets, flushing,
6	In house resources
7	surface computers and team meetings
8	ca
9	Teams, Zoom, WebEx
10	Space planning Desk, parking booking portal Online COVID screening systems
11	Laptops IPads and desktops Also remote meetings most of the time
12	zoom mtgs, more tablets and laptops,
13	Off the shelf tried and tested technology, Adopt, Adapt and Improve technology.
14	REVIT, Digital Contract Documents, Surface Computers, Drones
15	Zoom
16	teams
17	internet, email, scanning
18	Virtual planning and review meetings.
19	Mixing, filling, sealing, labelling machines
20	Data driven technologies...Series25, AiM, Banner
21	--remove me from your list
22	Building construction software
23	Remote workstations
24	In our business it is more virtual events and social media.
25	Remote construction meetings
26	Varies project to project
27	The ability to work remote if needed.
28	Maintenance management and Event management applications
29	Extending fiber optic.
30	Project management solutions, space management solutions, GIS platforms, mobileapplications for all of the above.
31	Power IB
32	tracking
33	Zoom Teams Conferencing You Tube Google
34	relevant software
35	Laser disinfectant
36	Various plus Zoom.
37	Mostly virtual platforms for meetings and webinars and online training.
38	Virtual meetings via Microsoft Teams
39	sound ,cameras ,etc.
40	Zoom
41	BIM, Pro core, Blue Beam, etc.
42	QR Codes
43	various
44	i am not personally involved with this
45	project schedulers
46	Vitural meetins
47	IoT
48	online meeting, project management software that is web based
49	Remote control and remote access for inspections.
50	Don't know
51	na
52	web based meetings
53	topo mapping, drone views, project planning
54	building management system for lighting, HVAC. Hybrid class rooms.
55	Lots of virtual planning and design meetings and discussions and files sharing.
56	Microsoft project, servicenow, microsoft teams
57	more programming

58	All things virtual & electronic
59	Better software tools such as Service Now
60	Facility Assessment and Project Planning.
61	Not sure since I am in FM, not PM
62	?
63	computer and machine upgrades
64	poly cam , virtual projection , zoom meetings
65	Project Management, Accounting software
66	All planning meetings are held as Teams meetings.
67	Project Management software REVIT / CObie standards
68	Procore, BIM modeling, etc.
69	Revit, Newforma, Procore
70	virtual bldg tours, video calls
71	Media to stream online services.
72	Increased expansion of CAFM integration to other systems incl iot to make buildings smarterand deliver occupancy sensing mapping and demand ventilation projects
73	iPads and tablets for onsite communication and design