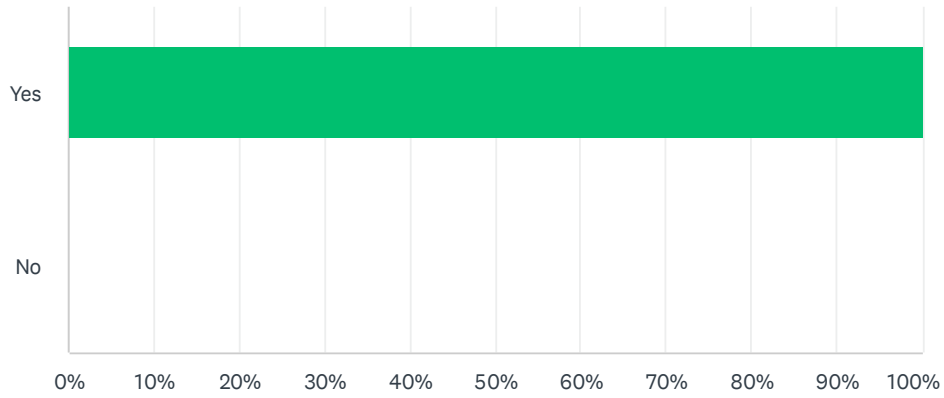


# Q1 Are you familiar with the 811/call before you dig program/requirements in areas you work in?

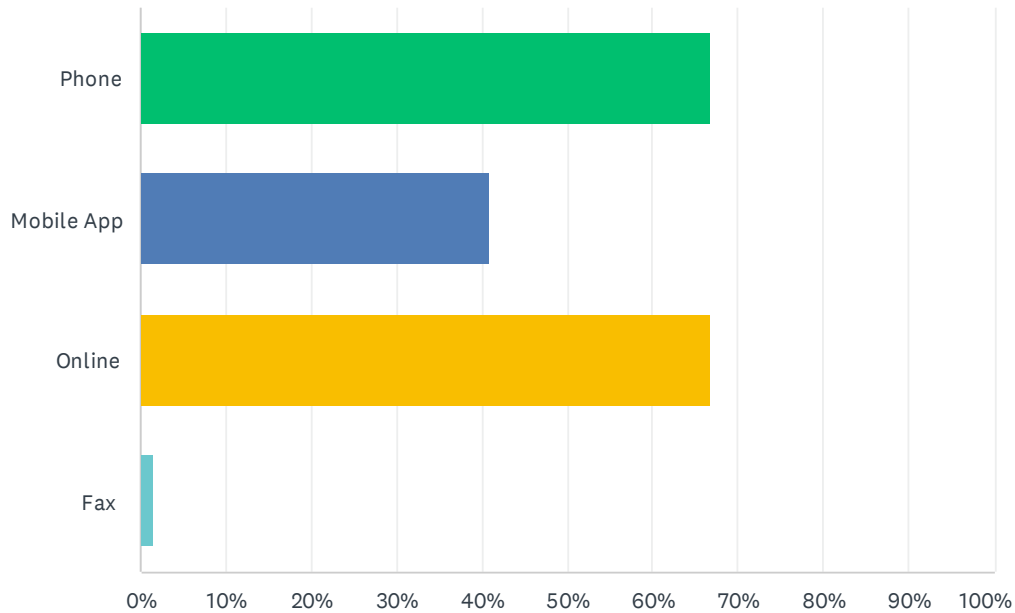
Answered: 66 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	100.00%	66
No	0.00%	0
TOTAL		66

Q2 What means do you use to submit locate requests to your local 811 center in advance of all excavation activities you undertake? (mark all that apply)

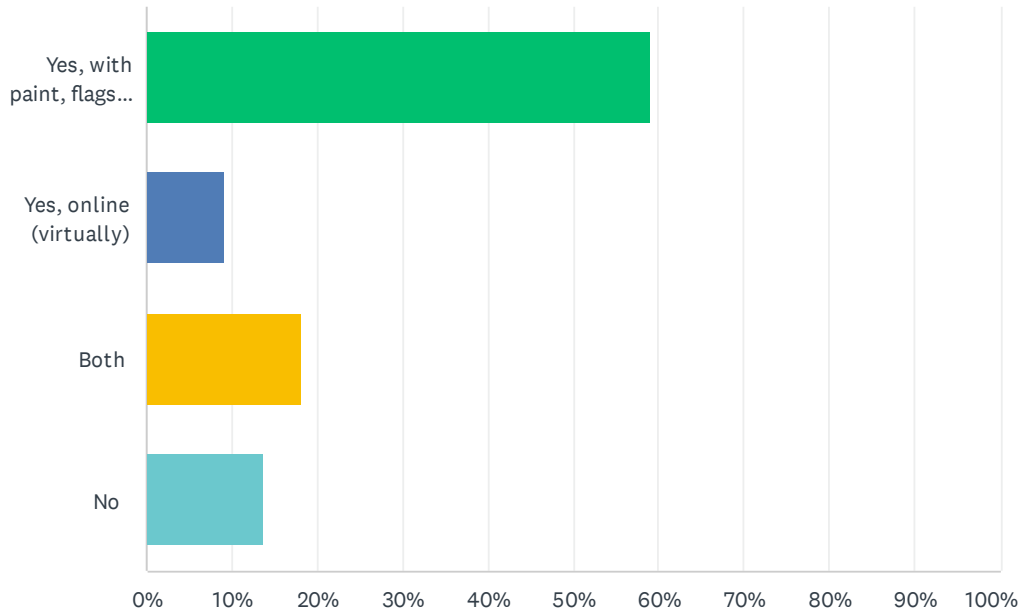
Answered: 66 Skipped: 0



ANSWER CHOICES	RESPONSES
Phone	66.67% 44
Mobile App	40.91% 27
Online	66.67% 44
Fax	1.52% 1
Total Respondents: 66	

### Q3 Do you “white line” the area you would like located in advance of submitting a locate request?

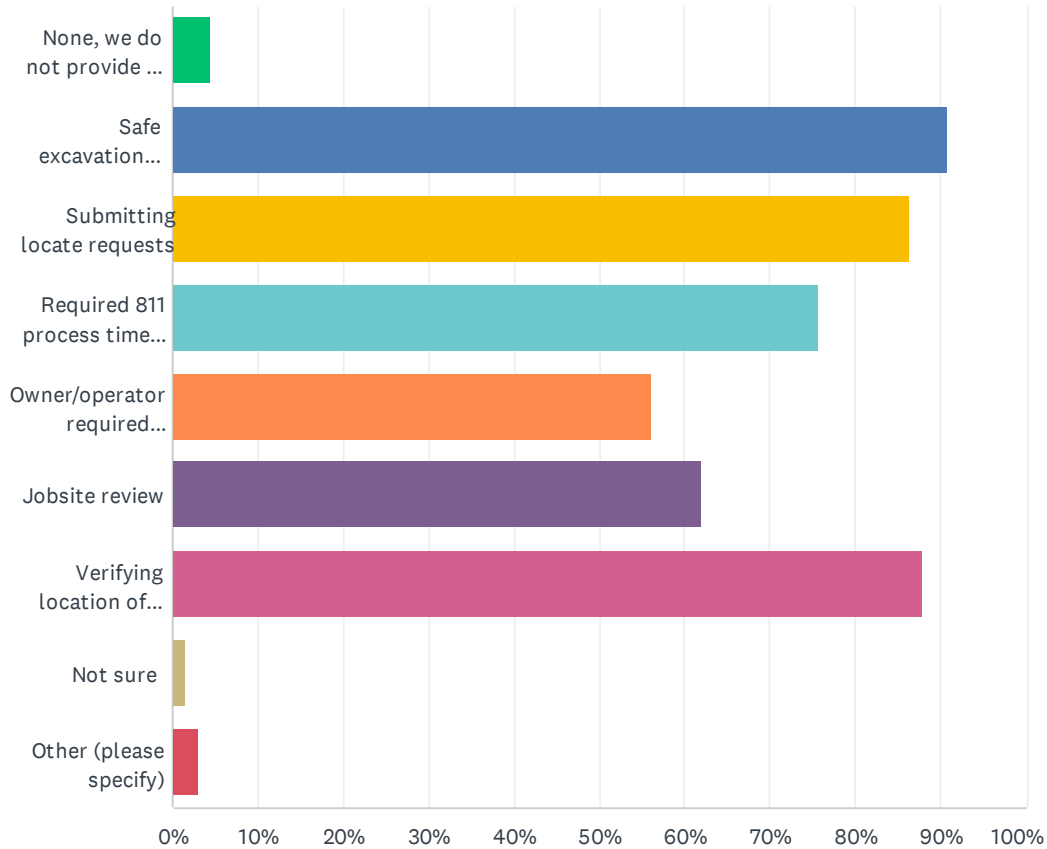
Answered: 66 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes, with paint, flags, markers, etc. at the jobsite	59.09%	39
Yes, online (virtually)	9.09%	6
Both	18.18%	12
No	13.64%	9
<b>TOTAL</b>		<b>66</b>

### Q4 What aspects of the 811 process/compliance does your employee training include? (mark all that apply):

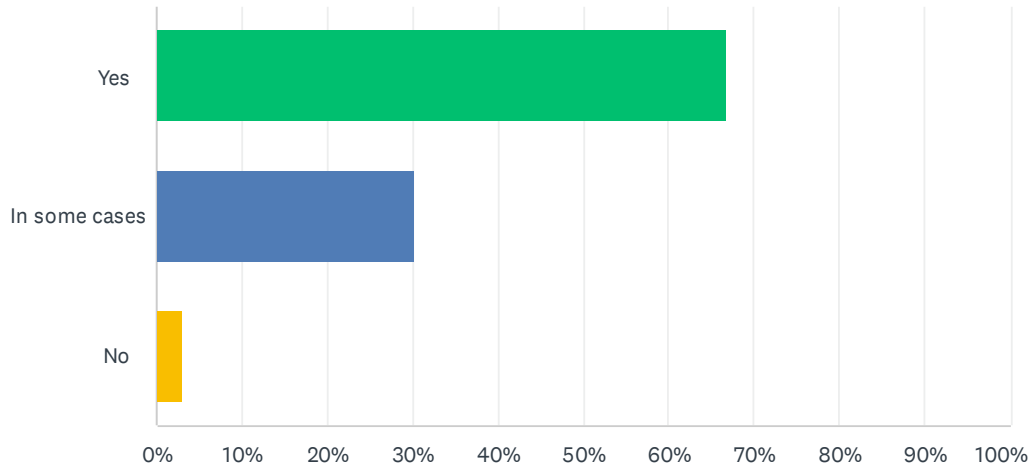
Answered: 66 Skipped: 0



ANSWER CHOICES	RESPONSES	
None, we do not provide 811 process/compliance training	4.55%	3
Safe excavation practices	90.91%	60
Submitting locate requests	86.36%	57
Required 811 process time frames	75.76%	50
Owner/operator required response to locate request	56.06%	37
Jobsite review	62.12%	41
Verifying location of marked facilities in conflict with excavation activities	87.88%	58
Not sure	1.52%	1
Other (please specify)	3.03%	2
<b>Total Respondents: 66</b>		

### Q5 Are you familiar with the operations and members of the 811 centers in areas where you perform excavation activities?

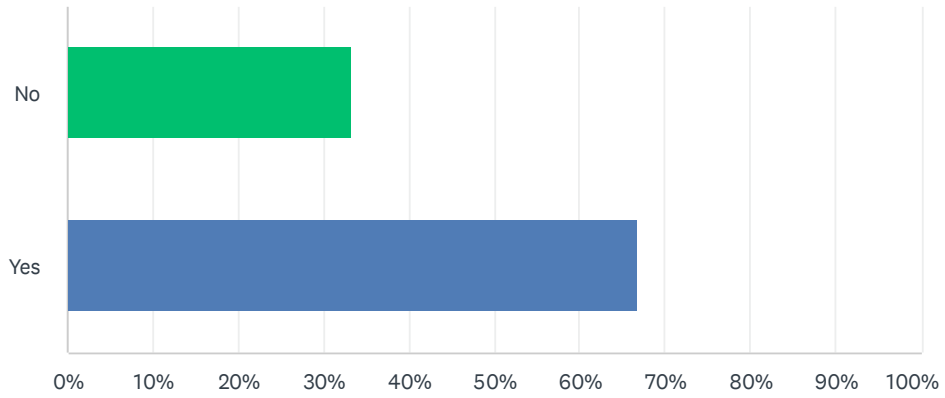
Answered: 66 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	66.67%	44
In some cases	30.30%	20
No	3.03%	2
<b>TOTAL</b>		<b>66</b>

## Q6 Are there any weaknesses in the 811 process?

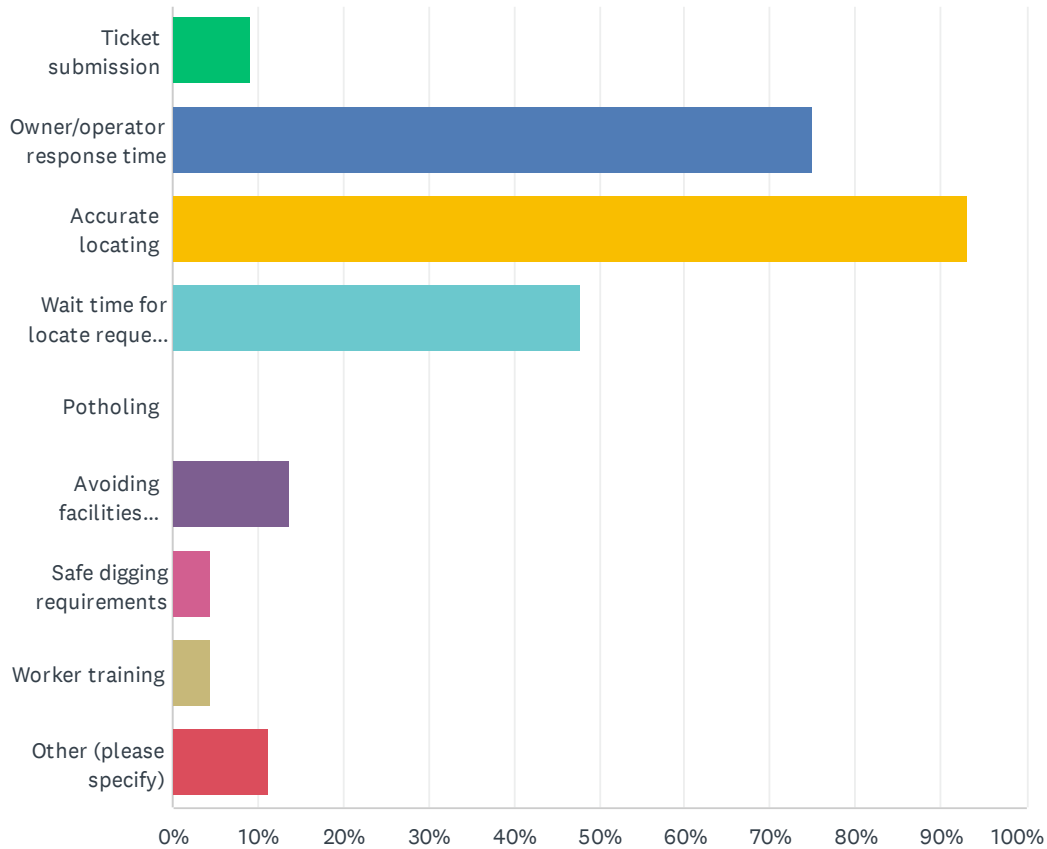
Answered: 66 Skipped: 0



ANSWER CHOICES	RESPONSES	
No	33.33%	22
Yes	66.67%	44
TOTAL		66

## Q7 What do you find are the weakest elements of the 811 process? (please choose up to 3)

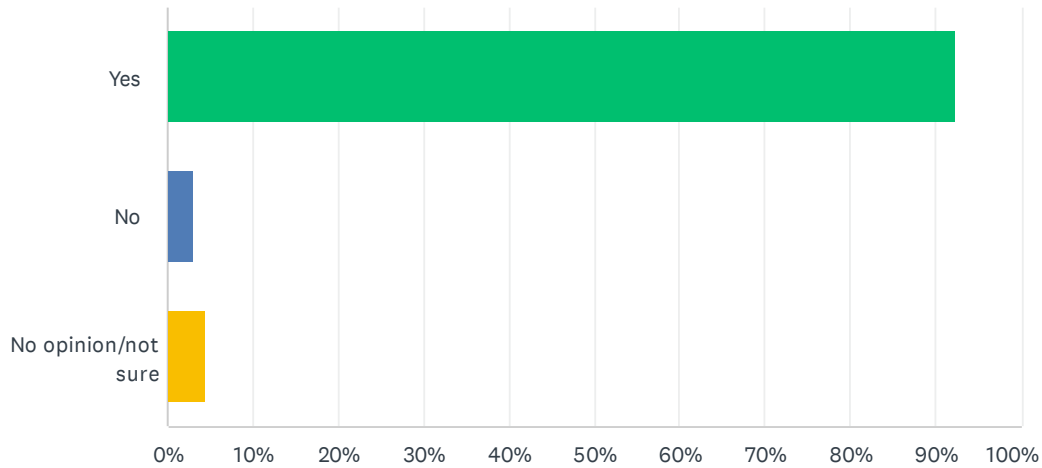
Answered: 44 Skipped: 22



ANSWER CHOICES	RESPONSES	
Ticket submission	9.09%	4
Owner/operator response time	75.00%	33
Accurate locating	93.18%	41
Wait time for locate request to clear	47.73%	21
Potholing	0.00%	0
Avoiding facilities during excavation activities	13.64%	6
Safe digging requirements	4.55%	2
Worker training	4.55%	2
Other (please specify)	11.36%	5
Total Respondents: 44		

**Q8 In some states 811 centers are governed by a board of directors that does not have excavator/construction industry representation; do you think excavators/the construction industry should have vested representation on those boards?**

Answered: 66 Skipped: 0



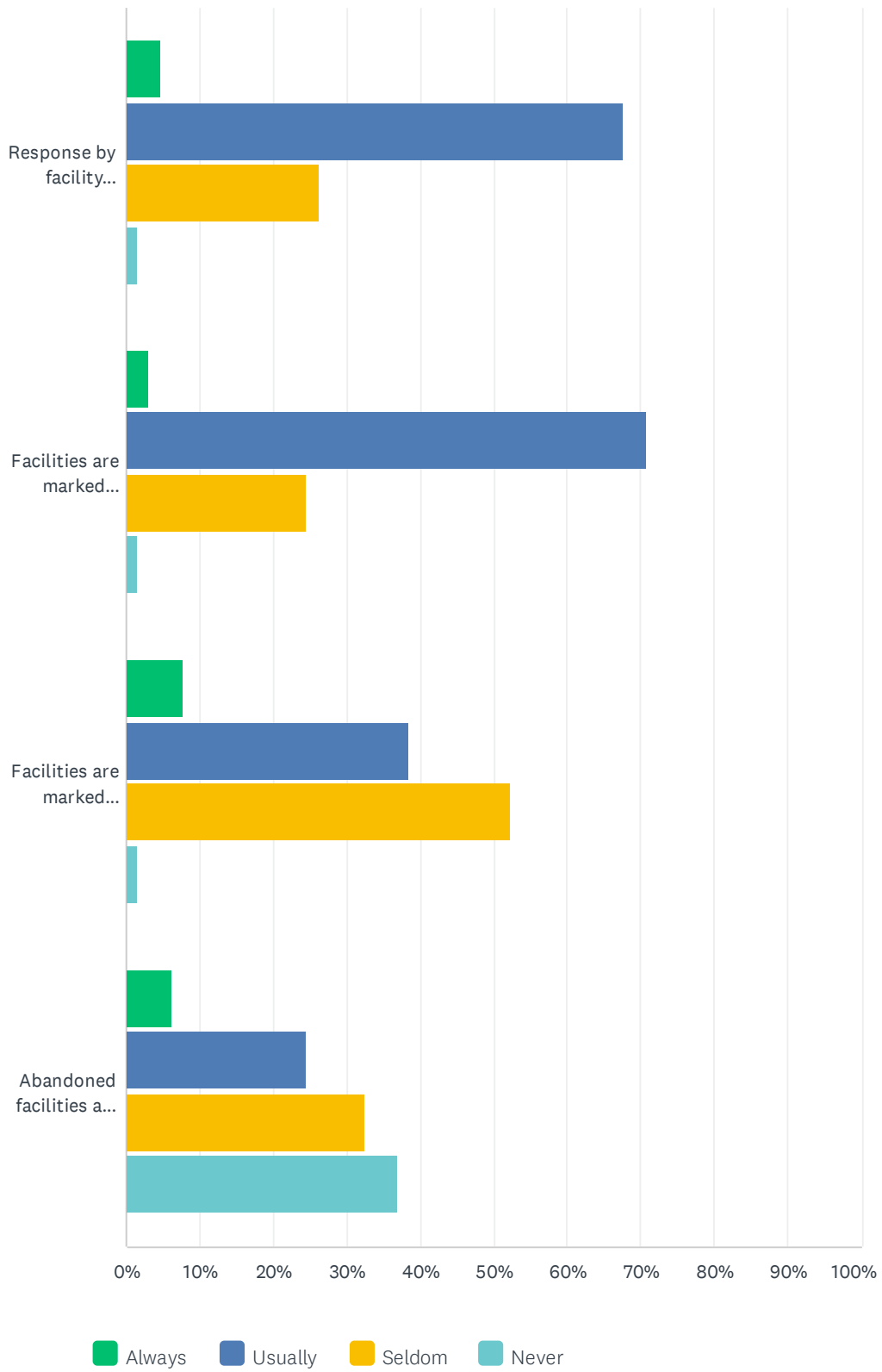
ANSWER CHOICES	RESPONSES
Yes	92.42% 61
No	3.03% 2
No opinion/not sure	4.55% 3
<b>TOTAL</b>	<b>66</b>



Q9 Do you find the following elements of the 811 process in areas you work in satisfactory?

Answered: 65 Skipped: 1

# 811 Safety and Damage Prevention Process Survey

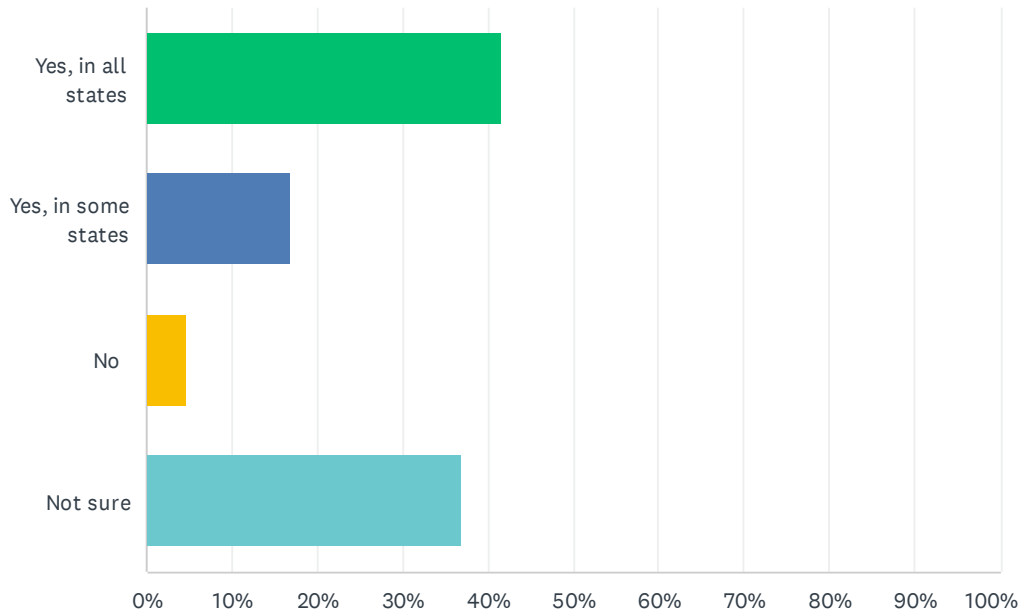


## 811 Safety and Damage Prevention Process Survey

	ALWAYS	USUALLY	SELDOM	NEVER	TOTAL
Response by facility owner/operators (locators) are done within the time required by law	4.62% 3	67.69% 44	26.15% 17	1.54% 1	65
Facilities are marked accurately within defined tolerance zones	3.08% 2	70.77% 46	24.62% 16	1.54% 1	65
Facilities are marked individually, regardless of how many of a like kind/single owner are present	7.69% 5	38.46% 25	52.31% 34	1.54% 1	65
Abandoned facilities are marked and treated as live lines	6.15% 4	24.62% 16	32.31% 21	36.92% 24	65

**Q10 Does the state(s) you work in have clear responsibilities spelled out in legislation or regulation for all stakeholders in the 811 process (i.e., facility owner/operators, excavators, locators, 811 centers)?**

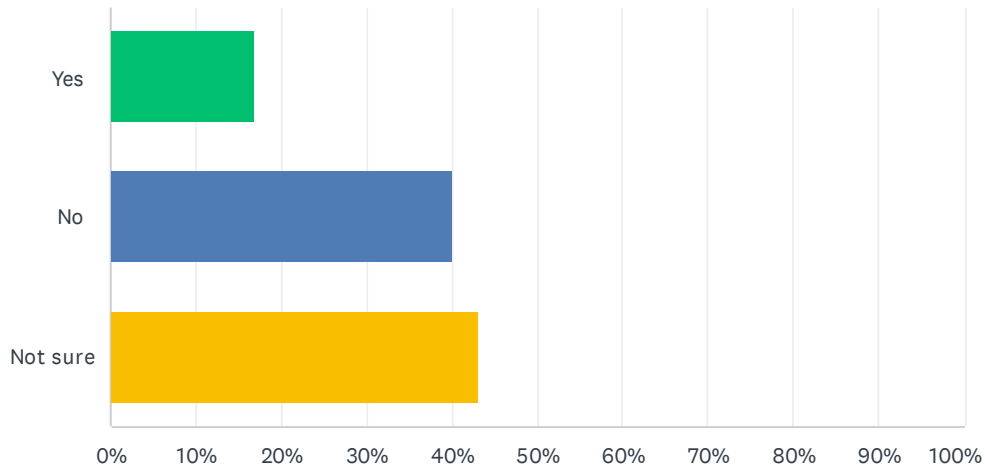
Answered: 65 Skipped: 1



ANSWER CHOICES	RESPONSES
Yes, in all states	41.54% 27
Yes, in some states	16.92% 11
No	4.62% 3
Not sure	36.92% 24
<b>TOTAL</b>	<b>65</b>

**Q11 If universal participation in the 811 center is not required in an area you are working in, is there an accessible, clear and efficient way to submit locate requests to non-member facility owner/operators?**

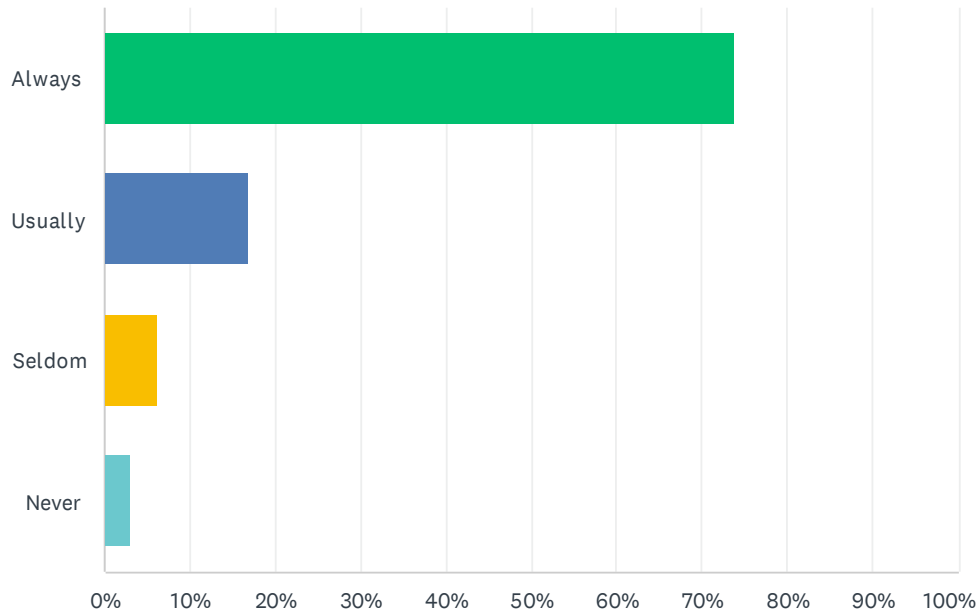
Answered: 65 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	16.92%	11
No	40.00%	26
Not sure	43.08%	28
<b>TOTAL</b>		<b>65</b>

### Q12 When a damage/incident occurs, do you keep track of actual downtime and damage costs, i.e., idled equipment, damaged equipment, workers pay, etc.?

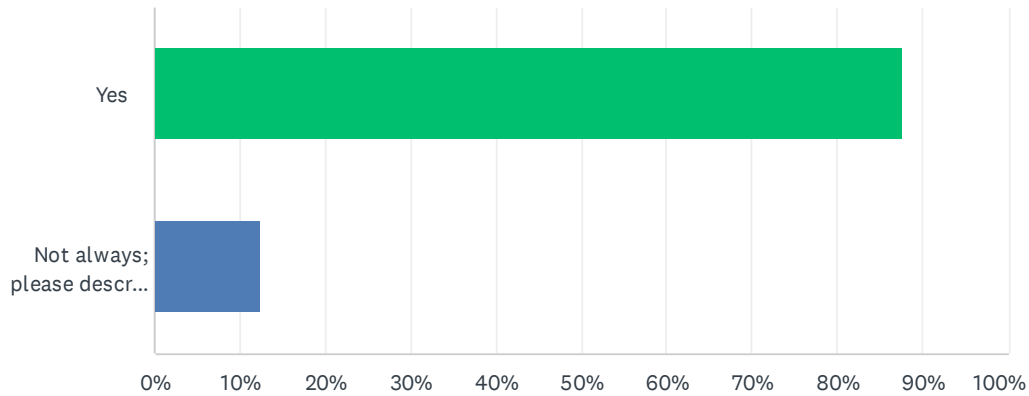
Answered: 65 Skipped: 1



ANSWER CHOICES	RESPONSES	
Always	73.85%	48
Usually	16.92%	11
Seldom	6.15%	4
Never	3.08%	2
TOTAL		65

Q13 Do you document a job site and facility locate marks in photos, videos, drawings, etc. after all affected facility owner/operators have responded to your locate request, but in advance of commencing excavation activities?

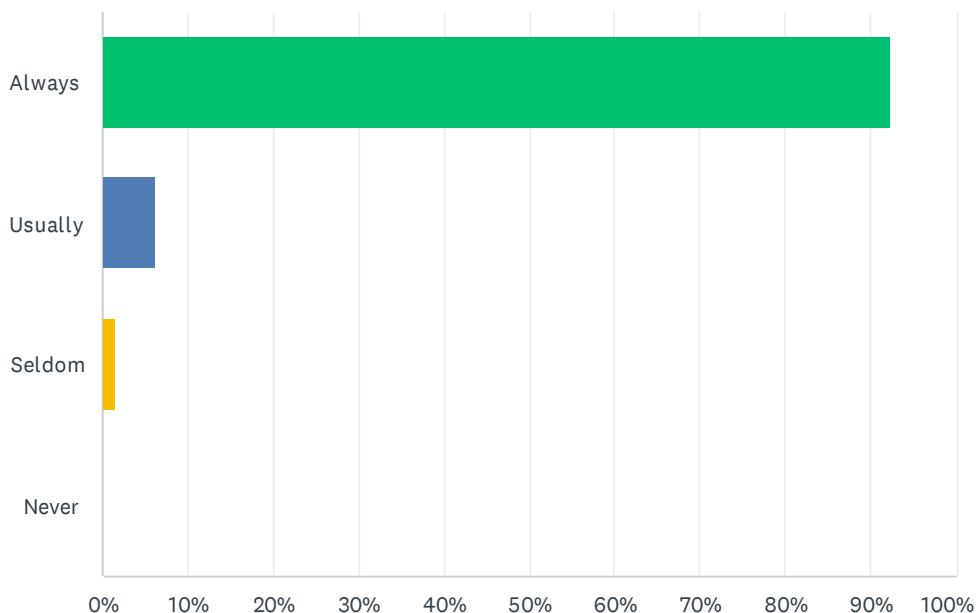
Answered: 65 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	87.69%	57
Not always; please describe what keeps you from doing so:	12.31%	8
<b>TOTAL</b>		<b>65</b>

**Q14 When an incident occurs, do you keep a record of the circumstances surrounding the damage/near miss, particularly the root cause of the damage, e.g., unmarked/mismarked facility, excavator error?**

Answered: 65 Skipped: 1

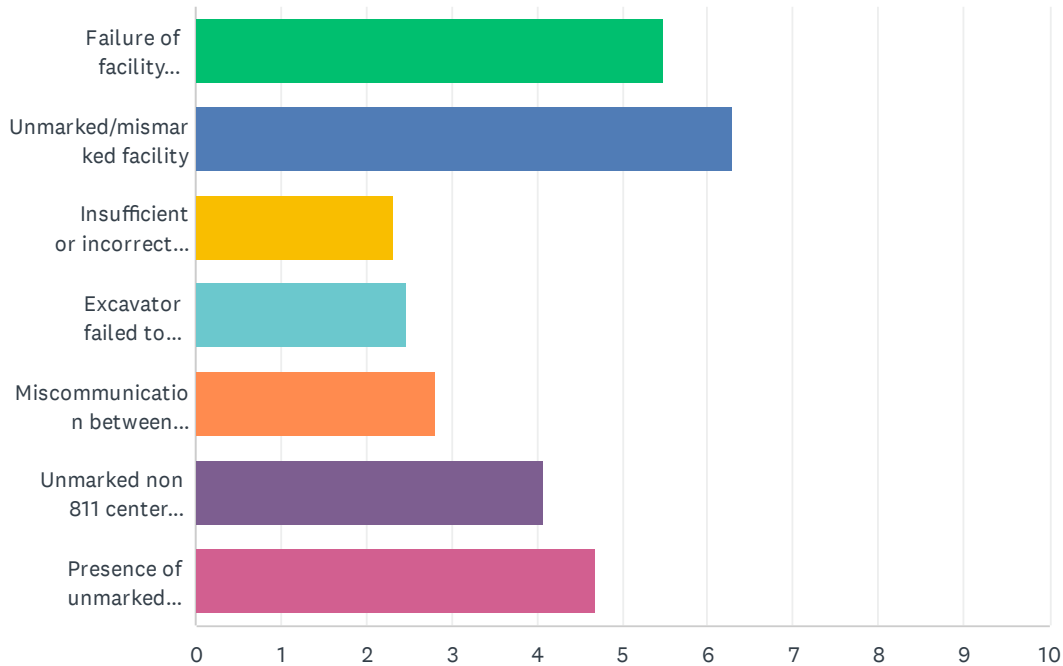


ANSWER CHOICES	RESPONSES
Always	92.31% 60
Usually	6.15% 4
Seldom	1.54% 1
Never	0.00% 0
<b>TOTAL</b>	<b>65</b>



### Q15 Please rank below the root causes of most frequent damages/near misses that occur on your job sites. 1 being the most.

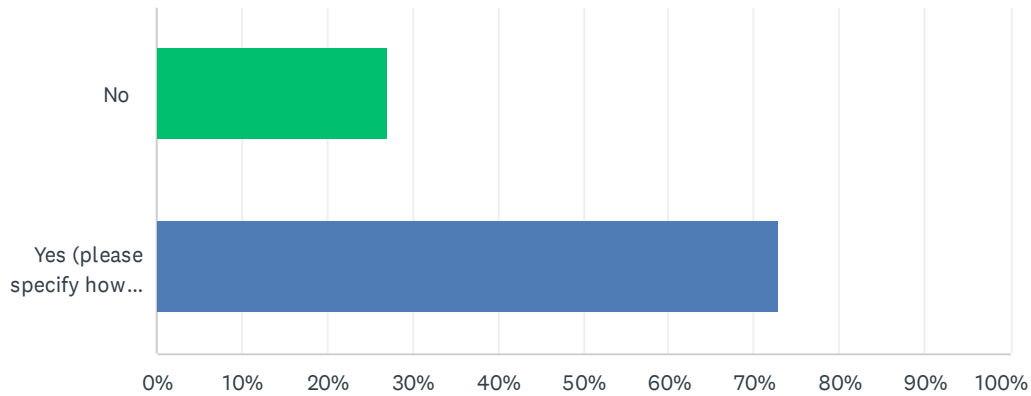
Answered: 65 Skipped: 1



	1	2	3	4	5	6	7	TOTAL	SCORE
Failure of facility owner/operator to properly mark and identify facilities in required time	32.20% 19	32.20% 19	10.17% 6	11.86% 7	5.08% 3	8.47% 5	0.00% 0	59	5.49
Unmarked/mismarked facility	53.33% 32	33.33% 20	5.00% 3	5.00% 3	3.33% 2	0.00% 0	0.00% 0	60	6.28
Insufficient or incorrect information provided by excavator in locate request	0.00% 0	5.17% 3	3.45% 2	10.34% 6	13.79% 8	34.48% 20	32.76% 19	58	2.33
Excavator failed to implement safe required digging practices	0.00% 0	1.67% 1	10.00% 6	13.33% 8	20.00% 12	20.00% 12	35.00% 21	60	2.48
Miscommunication between excavator, 811 center, facility owner/operator	0.00% 0	3.33% 2	5.00% 3	21.67% 13	30.00% 18	20.00% 12	20.00% 12	60	2.82
Unmarked non 811 center member/private facility owner	1.72% 1	13.79% 8	22.41% 13	32.76% 19	13.79% 8	12.07% 7	3.45% 2	58	4.07
Presence of unmarked abandoned facilities	17.74% 11	12.90% 8	38.71% 24	6.45% 4	9.68% 6	4.84% 3	9.68% 6	62	4.69

### Q16 Have you ever received a claim or invoice from a facility owner/operator for a damage to an existing facility which you were not responsible for?

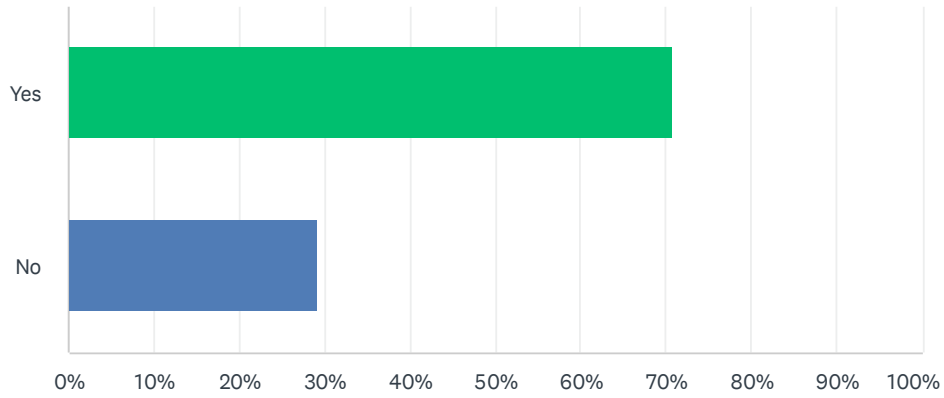
Answered: 63 Skipped: 3



ANSWER CHOICES	RESPONSES	
No	26.98%	17
Yes (please specify how often)	73.02%	46
<b>TOTAL</b>		<b>63</b>

## Q17 Are you familiar with the Common Ground Alliance safe digging practices?

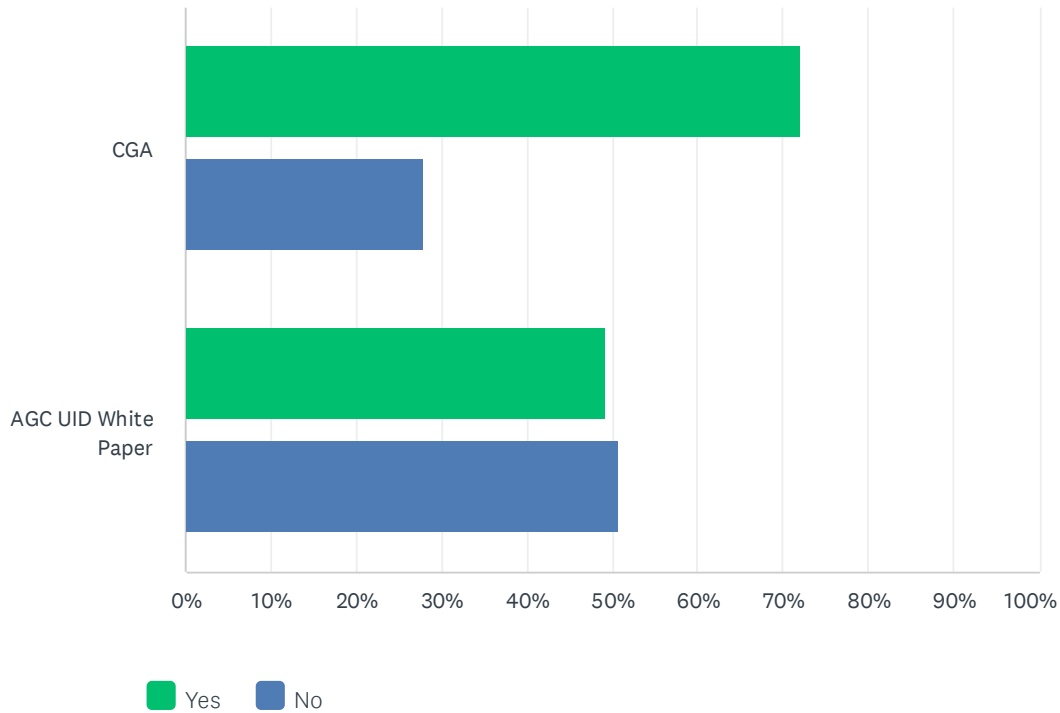
Answered: 65 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	70.77%	46
No	29.23%	19
TOTAL		65

### Q18 Do you incorporate CGA Best Practices and/or the AGC UID White Paper, Elements of an Effective Underground Utility Safety & Damage Prevention Program into your overall safety program?

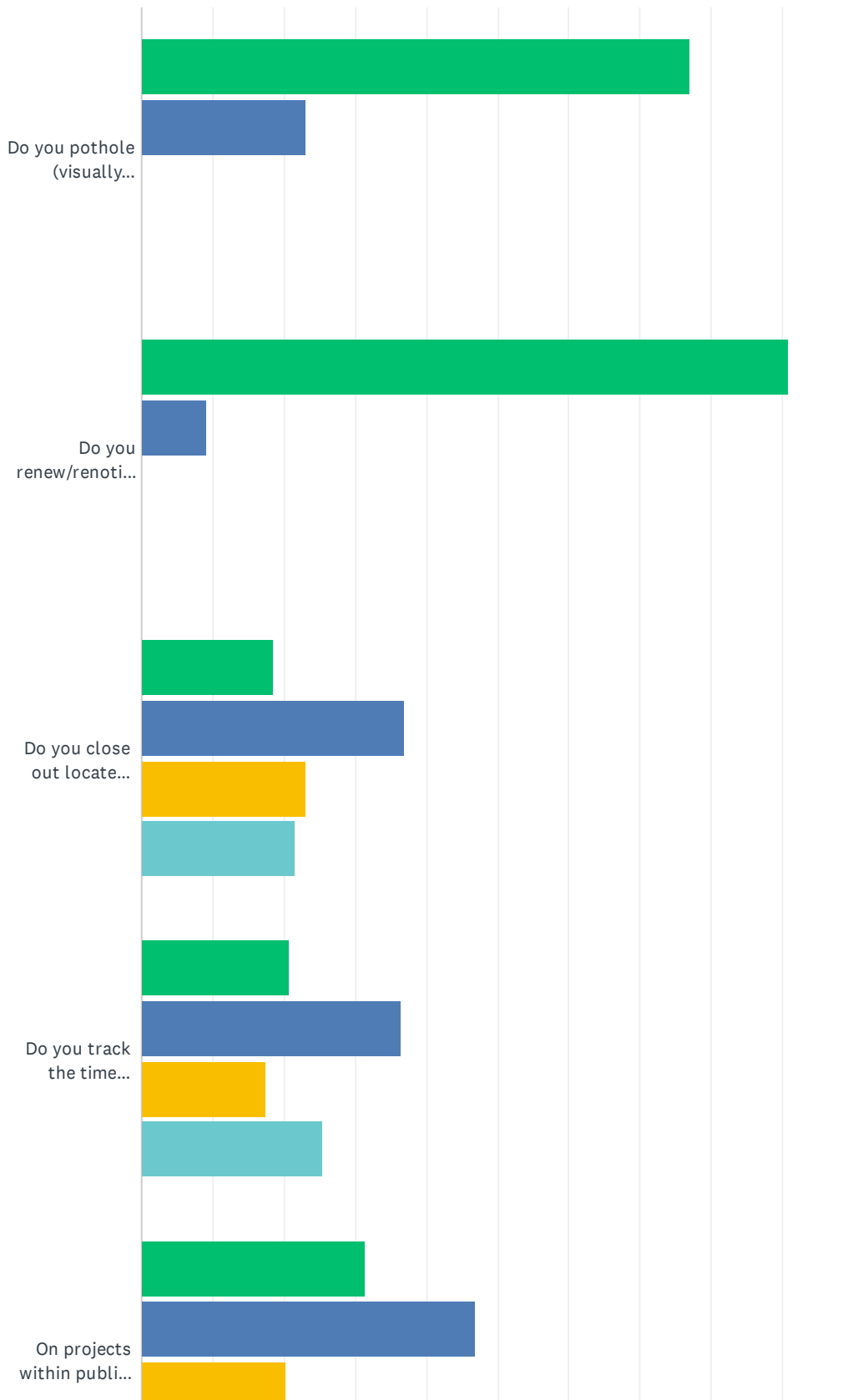
Answered: 62 Skipped: 4



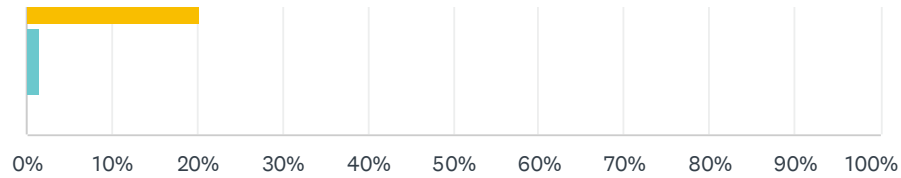
	YES	NO	TOTAL
CGA	72.13% 44	27.87% 17	61
AGC UID White Paper	49.15% 29	50.85% 30	59

### Q19 Please select the option that best describes the following practices

Answered: 65 Skipped: 1



## 811 Safety and Damage Prevention Process Survey



■ Always   
 ■ Usually   
 ■ Seldom   
 ■ Never

	ALWAYS	USUALLY	SELDOM	NEVER	TOTAL
Do you pothole (visually verify) the actual placement of all existing marked facilities in conflict with excavation activities before commencing excavating activities?	76.92% 50	23.08% 15	0.00% 0	0.00% 0	65
Do you renew/renotify/refresh locate requests when excavation activities extend beyond the legally set life of an active locate ticket?	90.77% 59	9.23% 6	0.00% 0	0.00% 0	65
Do you close out locate requests with the 811 center when a project/excavation activity ends?	18.46% 12	36.92% 24	23.08% 15	21.54% 14	65
Do you track the time expended and cost of complying with 811 requirements, e.g., white lining area to be located, staff and time spent calling-in or requesting locate request online and managing them, verifying facilities located in conflict with excavation and avoiding those facilities in conflict during excavation activities, etc.?	20.63% 13	36.51% 23	17.46% 11	25.40% 16	63
On projects within public rights-of-way that require facilities to be relocated before commencing construction activities: Do you experience delays due to utility owner/operator's failure to relocate facilities in a timely manner as required?	31.25% 20	46.88% 30	20.31% 13	1.56% 1	64

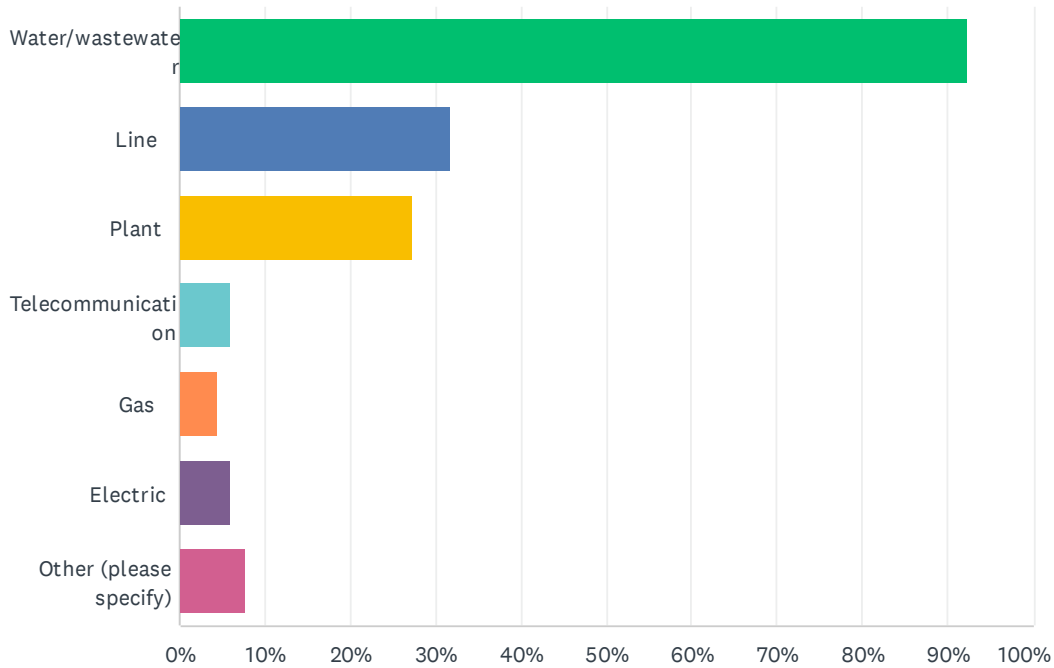
## Q20 In what state do you do the most excavation?

Answered: 66 Skipped: 0

ANSWER CHOICES	RESPONSES	
Name:	0.00%	0
Company:	0.00%	0
Address:	0.00%	0
Address 2:	0.00%	0
City/Town:	0.00%	0
State:	100.00%	66
ZIP:	0.00%	0
Country:	0.00%	0
Email Address:	0.00%	0
Phone Number:	0.00%	0

### Q21 What types of utility infrastructure does your company install? (mark all that apply)

Answered: 66 Skipped: 0

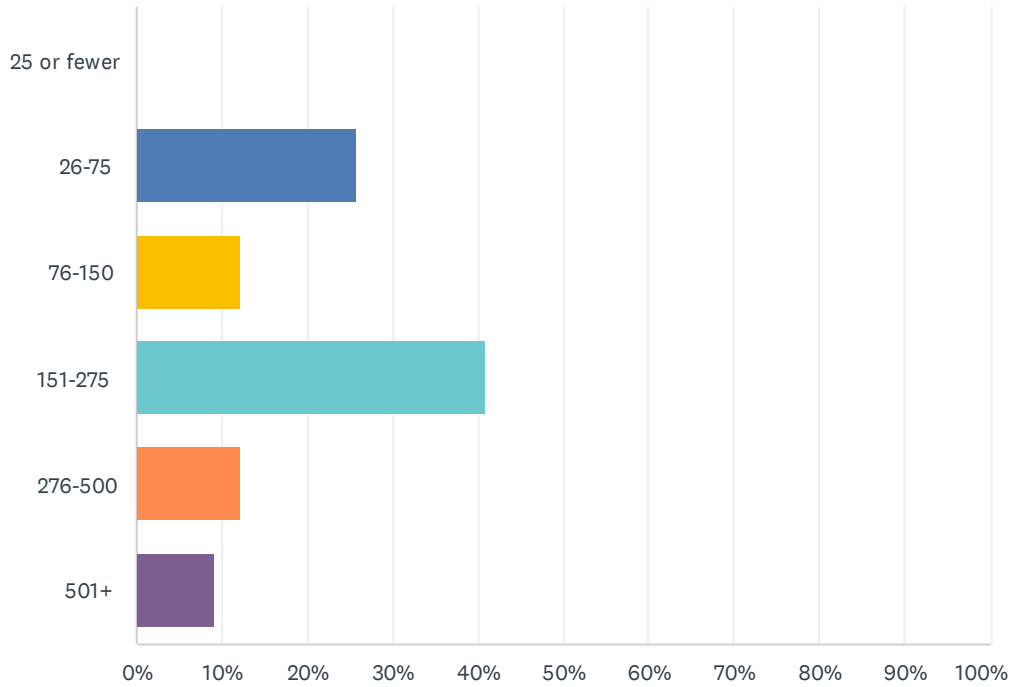


ANSWER CHOICES	RESPONSES	
Water/wastewater	92.42%	61
Line	31.82%	21
Plant	27.27%	18
Telecommunication	6.06%	4
Gas	4.55%	3
Electric	6.06%	4
Other (please specify)	7.58%	5
Total Respondents: 66		



## Q22 How many workers does your company employ?

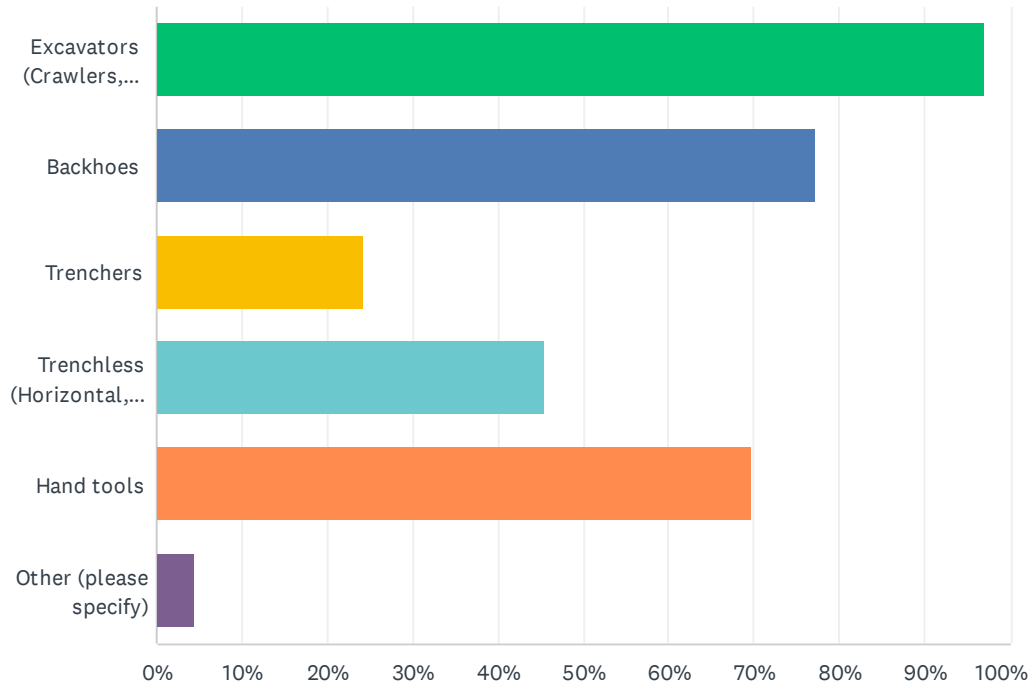
Answered: 66 Skipped: 0



ANSWER CHOICES	RESPONSES	
25 or fewer	0.00%	0
26-75	25.76%	17
76-150	12.12%	8
151-275	40.91%	27
276-500	12.12%	8
501+	9.09%	6
<b>TOTAL</b>		<b>66</b>

### Q23 What types of excavating equipment do you primarily use (mark all that apply)?

Answered: 66 Skipped: 0



ANSWER CHOICES	RESPONSES	
Excavators (Crawlers, Dragline, Suction, Skid Steer, Long Reach, etc.)	96.97%	64
Backhoes	77.27%	51
Trenchers	24.24%	16
Trenchless (Horizontal, Pipe Jacking, Tunneling)	45.45%	30
Hand tools	69.70%	46
Other (please specify)	4.55%	3
Total Respondents: 66		