



CHILDREN'S ONCOLOGY CAMPING ASSOCIATION

# 2022 Survey Response

Organizations  
Surveyed

61

Total  
Programs

150

Individuals  
Served

15,856

Staff/  
Volunteers

6,206

Total  
Contractions

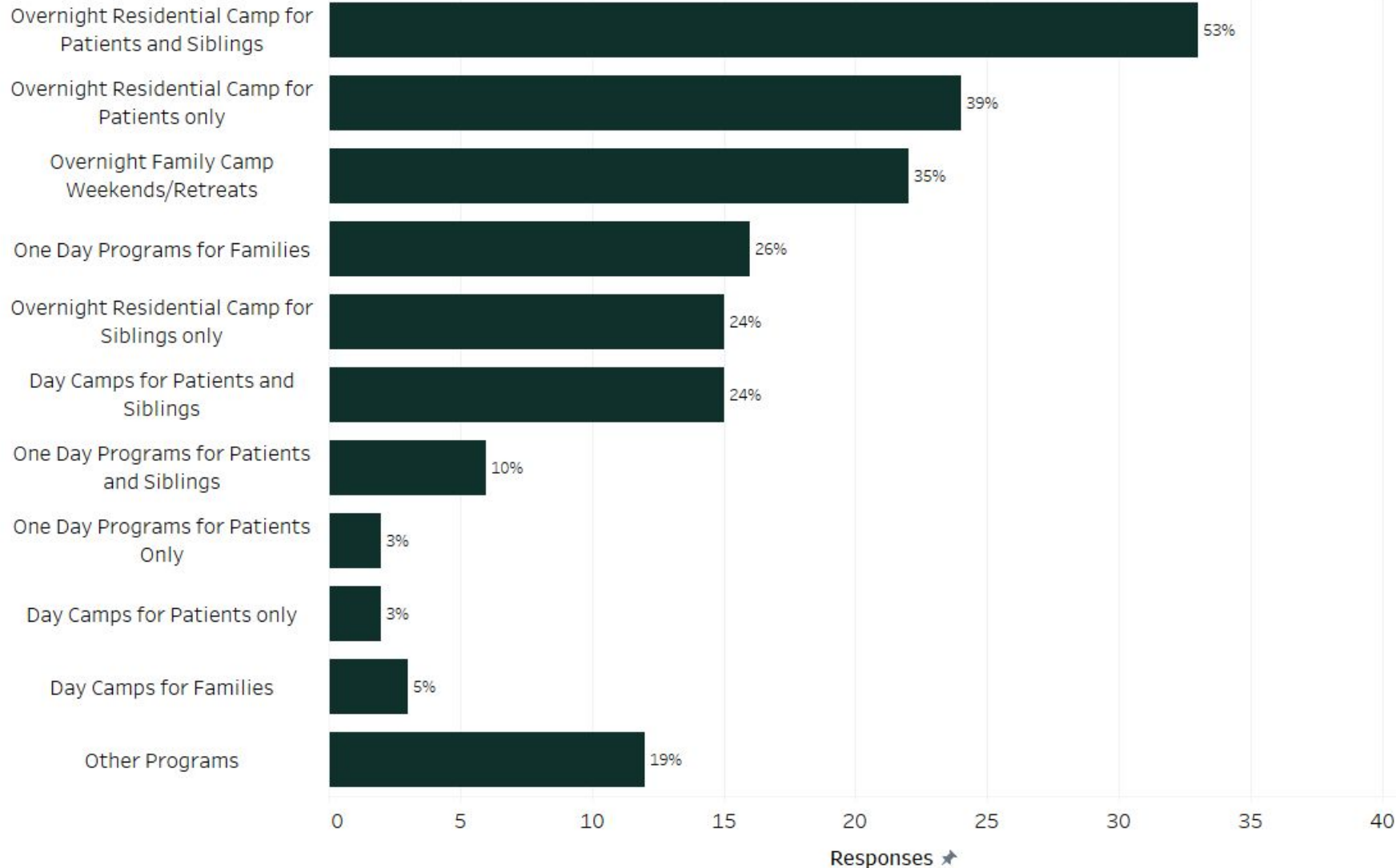
170

Contraction  
Rate\*

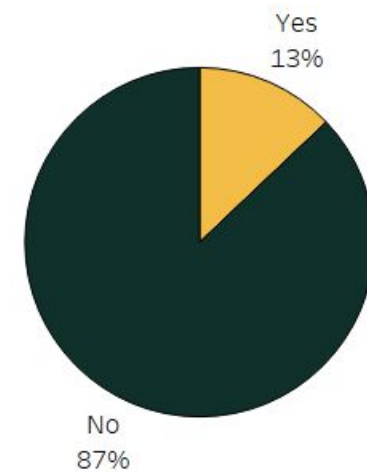
0.77%



### Programs Offered



### Organizations Reporting a Covid Outbreak



### Program Types

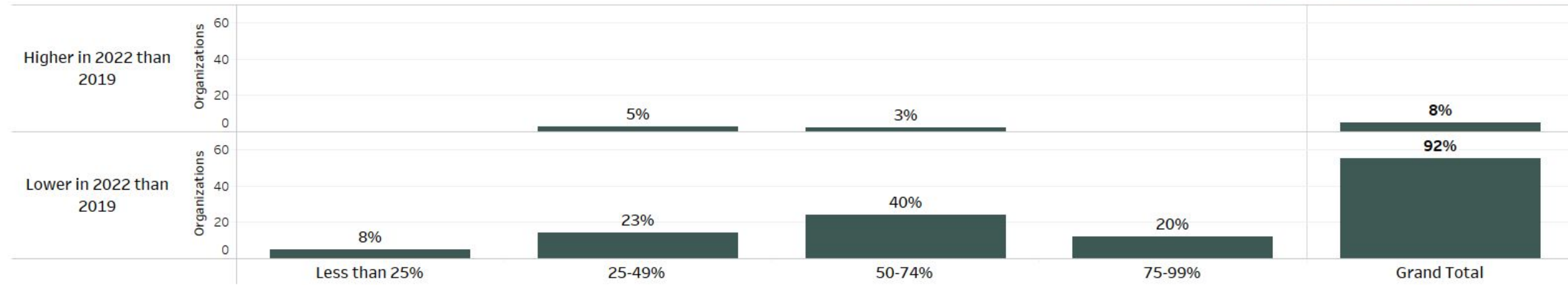
	Programs	% of Responses
Overnight Camps	95	63%
Day Programs	25	17%
Day Camps	20	13%
Bereavement Support Groups	2	1%
Other Programs	8	5%
<b>Grand Total</b>	<b>150</b>	<b>100%</b>

\*Contraction Rate based on responses from organizations that indicated hosting in-person programs

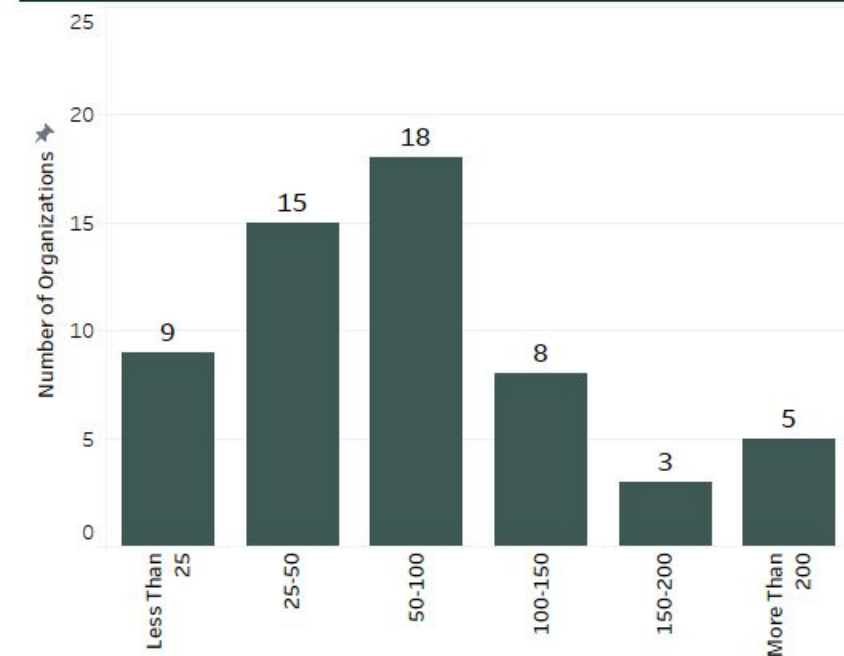
# Enrollment Impact vs 2019



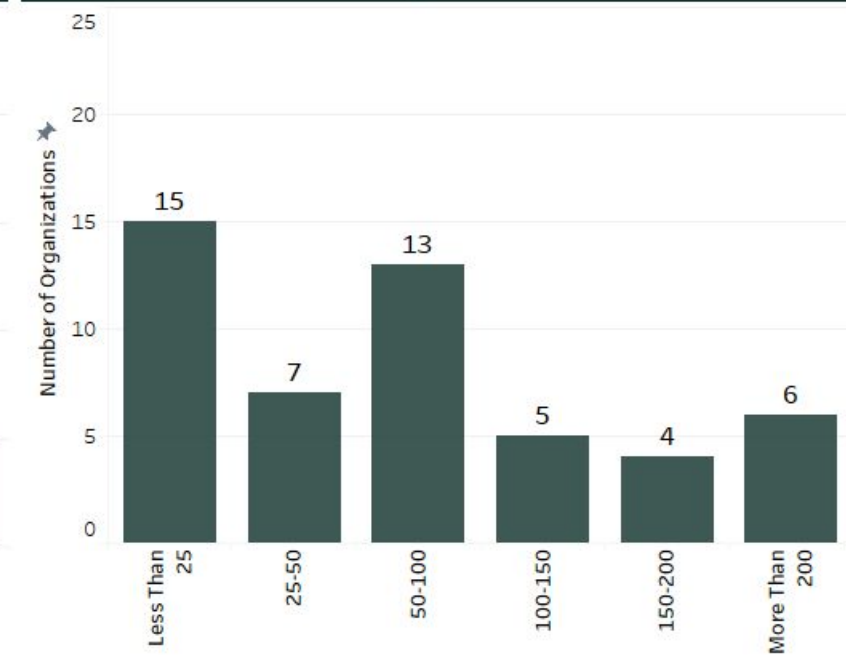
92% of organizations surveyed responded that overall enrollment in 2022 is down compared to numbers in 2019, with over 60% of respondents reporting decreases in enrollment by 50% or more



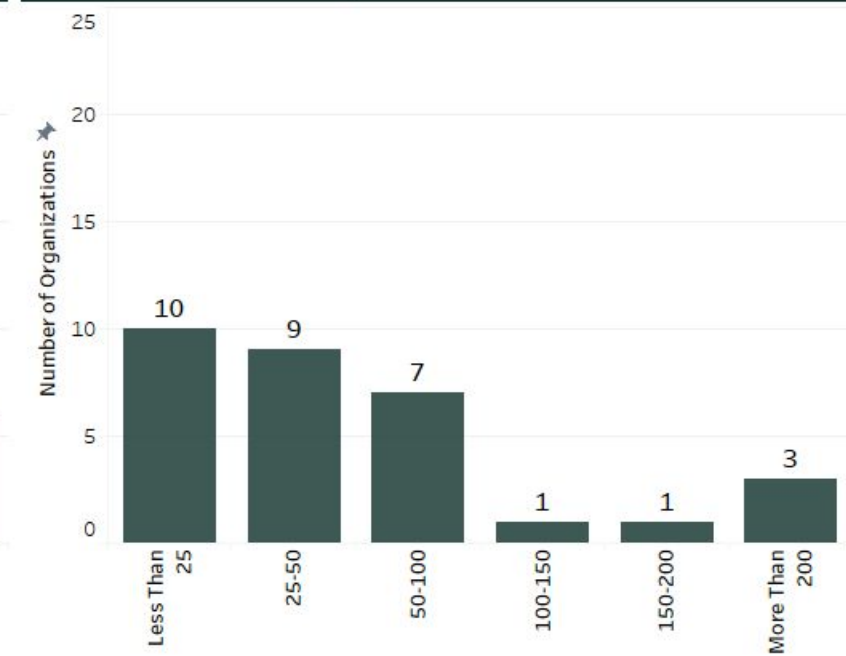
## Patients Served



## Siblings Served



## Parents / Guardians Served

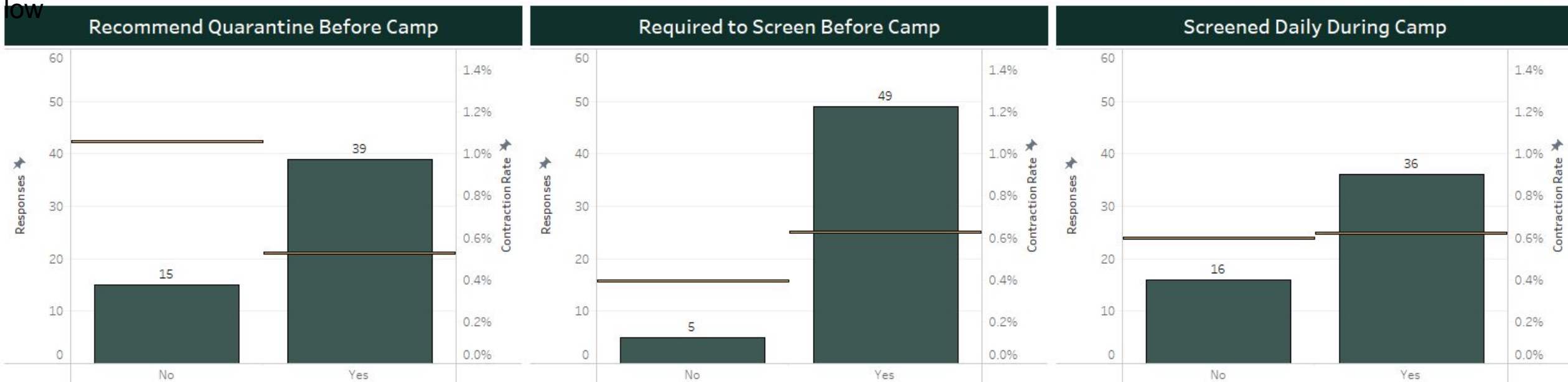


# Screening Recap



Programs that quarantined pre-camp saw fewer contractions per participant than those that did not. Similarly, testing within a 24-72 hours from arrival appeared to have a significant impact in keeping rates

LOW



## Testing Before Arrival - Participants

## Testing Before Arrival - Staff

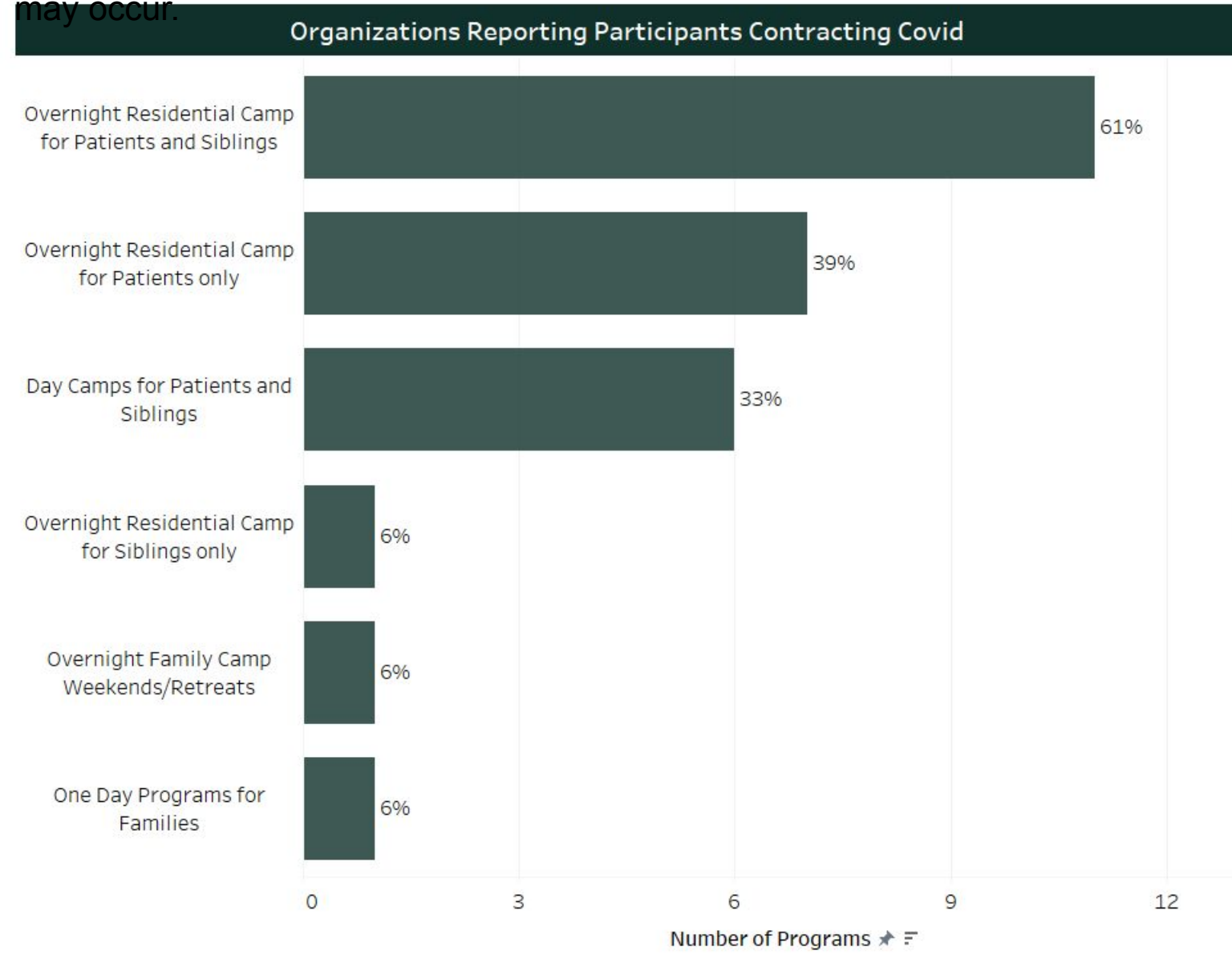
	Responses	Participant Contractions	% Participant Contractions	Participant Contractions per Response		Responses	Staff Contractions	% Staff Contractions	Staff Contractions per Response
Upon Arrival	5	6	6%	1.2	Upon Arrival	6	10	14%	1.7
Within 24 Hours	2	0	0%	0.0	Within 24 Hours	4	4	6%	1.0
Within 24-48 Hours	8	3	3%	0.4	Within 24-48 Hours	8	3	4%	0.4
Within 48-72 Hours	3	0	0%	0.0	Within 48-72 Hours	3	0	0%	0.0
Within 72 Hours	9	12	12%	1.3	Within 72 Hours	7	11	16%	1.6
More Than 72 Hours	4	3	3%	0.8	More Than 72 Hours	3	4	6%	1.3
N/A or No Response	31	77	76%	2.5	N/A or No Response	31	37	54%	1.2
Grand Total	61	101	100%	1.7	Grand Total	61	69	100%	1.1

Participant

# Participant Programs Contracting Covid



Of the 18 organizations representing 29% of participants that reported contracting Covid-19, the majority of cases appeared to occur through Overnight programs and programs where larger groups may occur.



### Organizations Reporting Participants Contracting Covid

	Responses	Individuals Served	% of Participants
Yes	18	4,047	26%
No	39	11,498	73%
N/A or No Response	4	311	2%
<b>Grand Total</b>	<b>61</b>	<b>15,856</b>	<b>100%</b>

### Program Types Reported Participants Contracting Covid

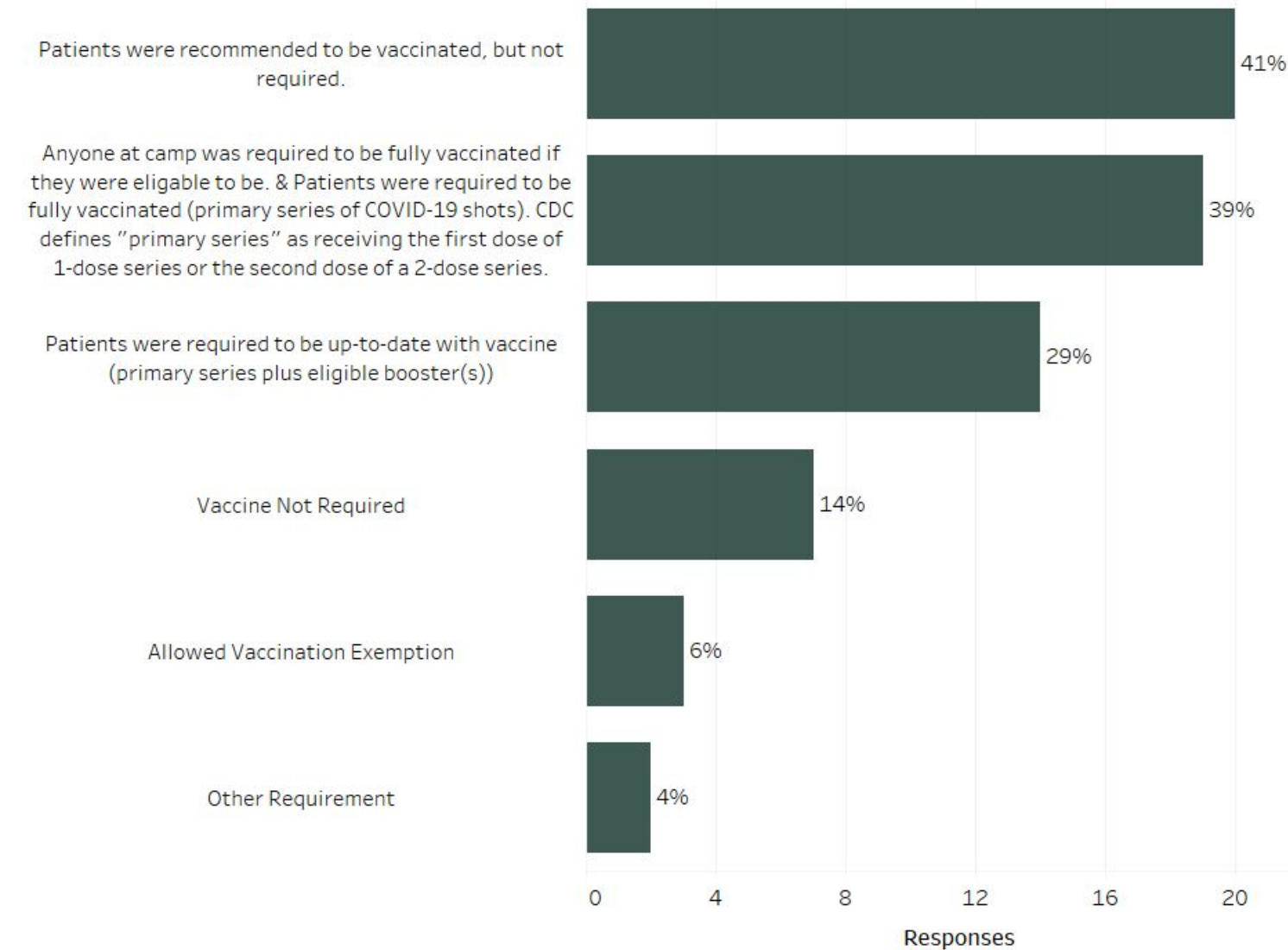
	Programs	% of Responses
Overnight Camps	20	74%
Day Programs	5	19%
Day Camps	2	7%
<b>Grand Total</b>	<b>27</b>	<b>100%</b>

# Patient Covid-19 Vaccination Requirements



Survey responses would indicate that a larger population of vaccinated participants relates to lower contraction rates of COVID-19.

### Patient Covid-19 Vaccination Requirements



### Percent Patients / Siblings Fully Vaccinated (Covid-19)

	Responses	% of Responses	Patients/Siblings Served	Patient/Sibling Contractions	Contraction Rate
Under 50%	7	11%	1,448	17	1.17%
50-75%	11	18%	2,277	28	1.23%
81-85%	1	2%	529	0	0.00%
86-90%	1	2%	200	0	0.00%
91-95%	3	5%	534	2	0.37%
96-100%	27	44%	5,090	10	0.20%
No Response	12	20%	1,815	30	1.65%
<b>Grand Total</b>	<b>61</b>	<b>100%</b>	<b>11,893</b>	<b>87</b>	<b>0.73%</b>

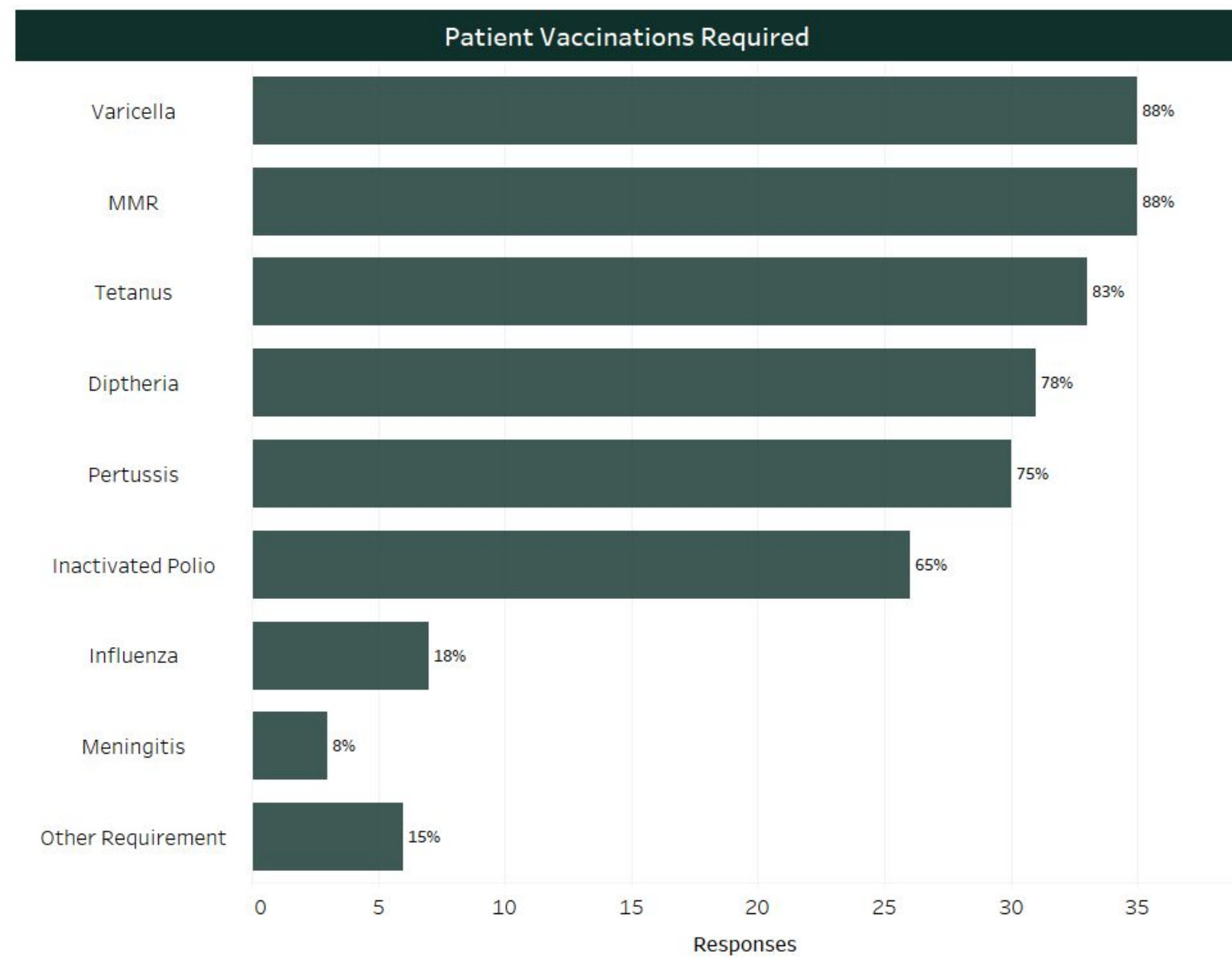
### Percent Patients / Siblings Up-to-Date with Vaccine (Covid-19)

	Responses	% of Responses	Patients/Siblings Served	Patient/Sibling Contractions	Contraction Rate
Under 50%	11	18%	2,144	25	1.17%
50-75%	11	18%	2,061	15	0.73%
86-90%	1	2%	200	0	0.00%
91-95%	2	3%	412	2	0.49%
96-100%	21	34%	4,599	8	0.17%
No Response	16	26%	2,477	37	1.49%
<b>Grand Total</b>	<b>61</b>	<b>100%</b>	<b>11,893</b>	<b>87</b>	<b>0.73%</b>

# Patient Vaccination Requirements



40 responses from organizations indicated requiring other vaccinations outside of the COVID-19 vaccination, with 79% of organizations requiring 5 or more vaccines.



### Vaccine Summary

	Responses	Individuals Served	% of Participants
Vaccines Required	40	12,963	82%
Not Required	8	836	5%
N/A or No Response	14	2,057	13%
<b>Grand Total</b>	<b>62</b>	<b>15,856</b>	<b>100%</b>

### Vaccine Quantity Summary

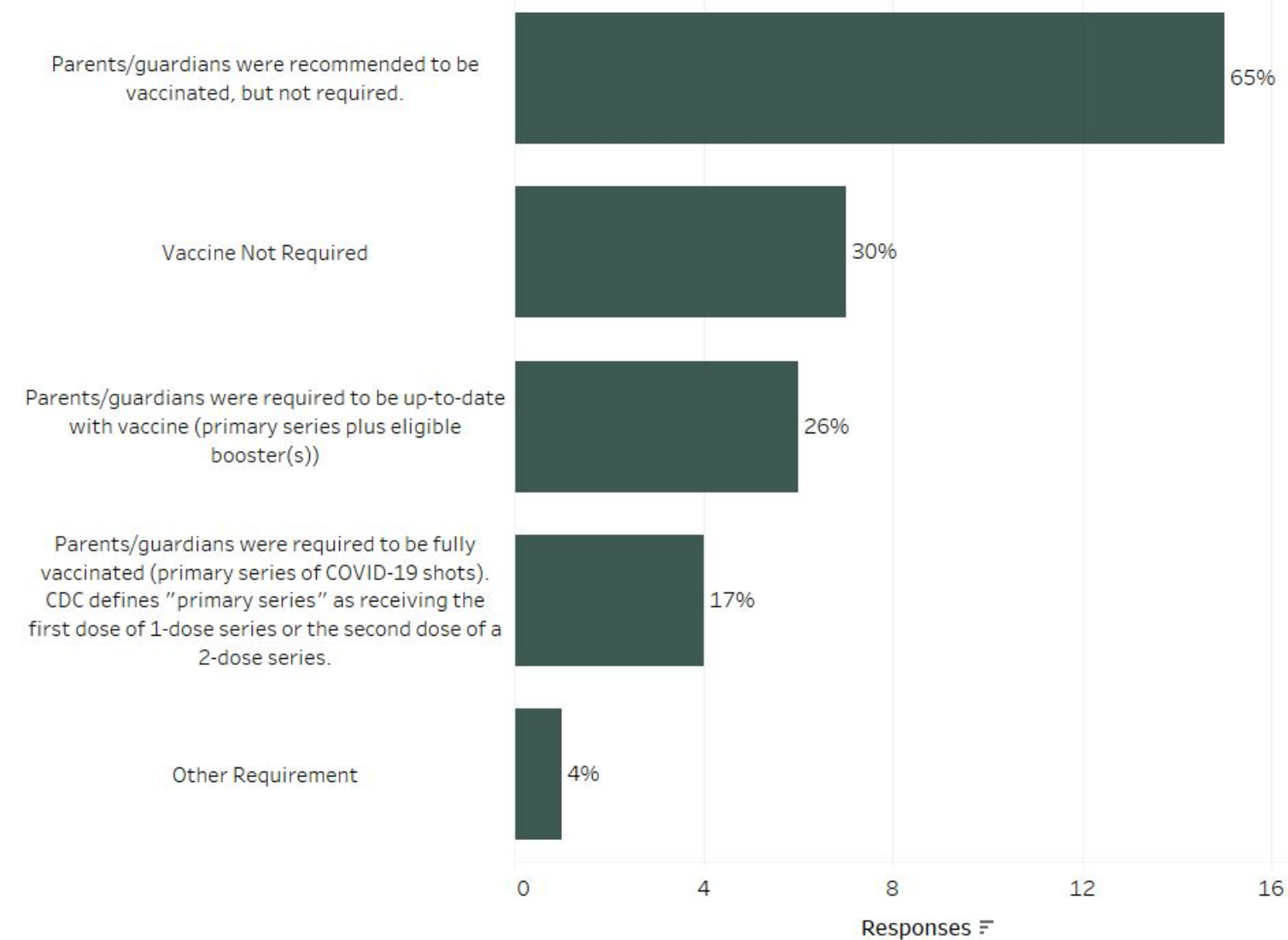
	Responses	Individuals Served	% of Participants
1 Vaccine	4	1,784	14%
2 Vaccines	1	252	2%
3 Vaccines	3	107	1%
4 Vaccines	2	618	5%
5 or More Vaccines	30	10,202	79%
<b>Grand Total</b>	<b>40</b>	<b>12,963</b>	<b>100%</b>

# Parent / Guardian Covid-19 Vaccination Requirement Recap



Parent / Guardian COVID-19 vaccination, unlike patient responses where individuals are potentially immunocompromised, displays less volatility across vaccination brackets.

## Parent / Guardian Covid-19 Vaccination Requirements



## Percent Parents / Guardians Fully Vaccinated (Covid-19)

	Responses	% of Responses	Parents Served	Parent Contractions	Parent Contraction Rate
50-75%	6	10%	460	0	0.00%
76-80%	2	3%	76	0	0.00%
81-85%	2	3%	2,346	1	0.04%
86-90%	2	3%	158	1	0.63%
91-95%	2	3%	281	0	0.00%
96-100%	9	16%	266	1	0.38%
No Response	35	60%	376	11	2.93%
<b>Grand Total</b>	<b>58</b>	<b>100%</b>	<b>3,963</b>	<b>14</b>	<b>0.35%</b>

## Percent Parents / Guardians Up-to-Date with Vaccine (Covid-19)

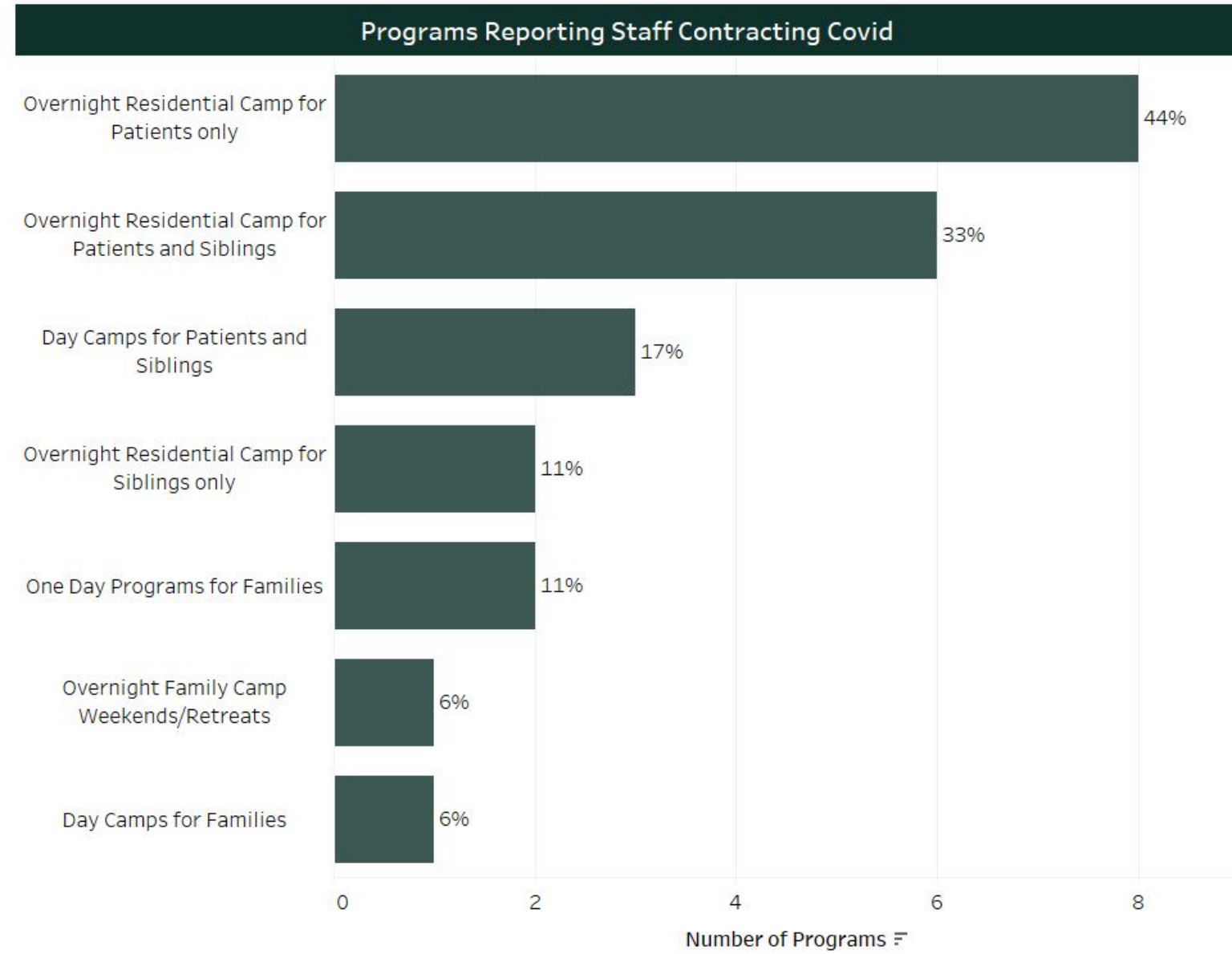
	Responses	% of Responses	Parents Served	Parent Contractions	Parent Contraction Rate
50-75%	12	21%	766	0	0.00%
81-85%	1	2%	2,321	1	0.04%
86-90%	1	2%	40	0	0.00%
91-95%	1	2%	90	0	0.00%
96-100%	6	10%	318	2	0.63%
No Response	37	64%	428	11	2.57%
<b>Grand Total</b>	<b>58</b>	<b>100%</b>	<b>3,963</b>	<b>14</b>	<b>0.35%</b>

Staff / Volunteer

# Staff Programs Contracting COVID-19



Similar to the Participant results, COVID-19 contractions were more prevalent in overnight programs with individuals who had direct contact with campers showing more susceptibility to the virus.



### Organizations Reporting Staff Contracting Covid

	Responses	Staff / Volunteers	% of Staff
Yes	18	1,903	31%
No	36	4,154	67%
N/A or No Response	8	149	2%
<b>Grand Total</b>	<b>61</b>	<b>6,206</b>	<b>100%</b>

### Staff Segments Reported Contracting Covid

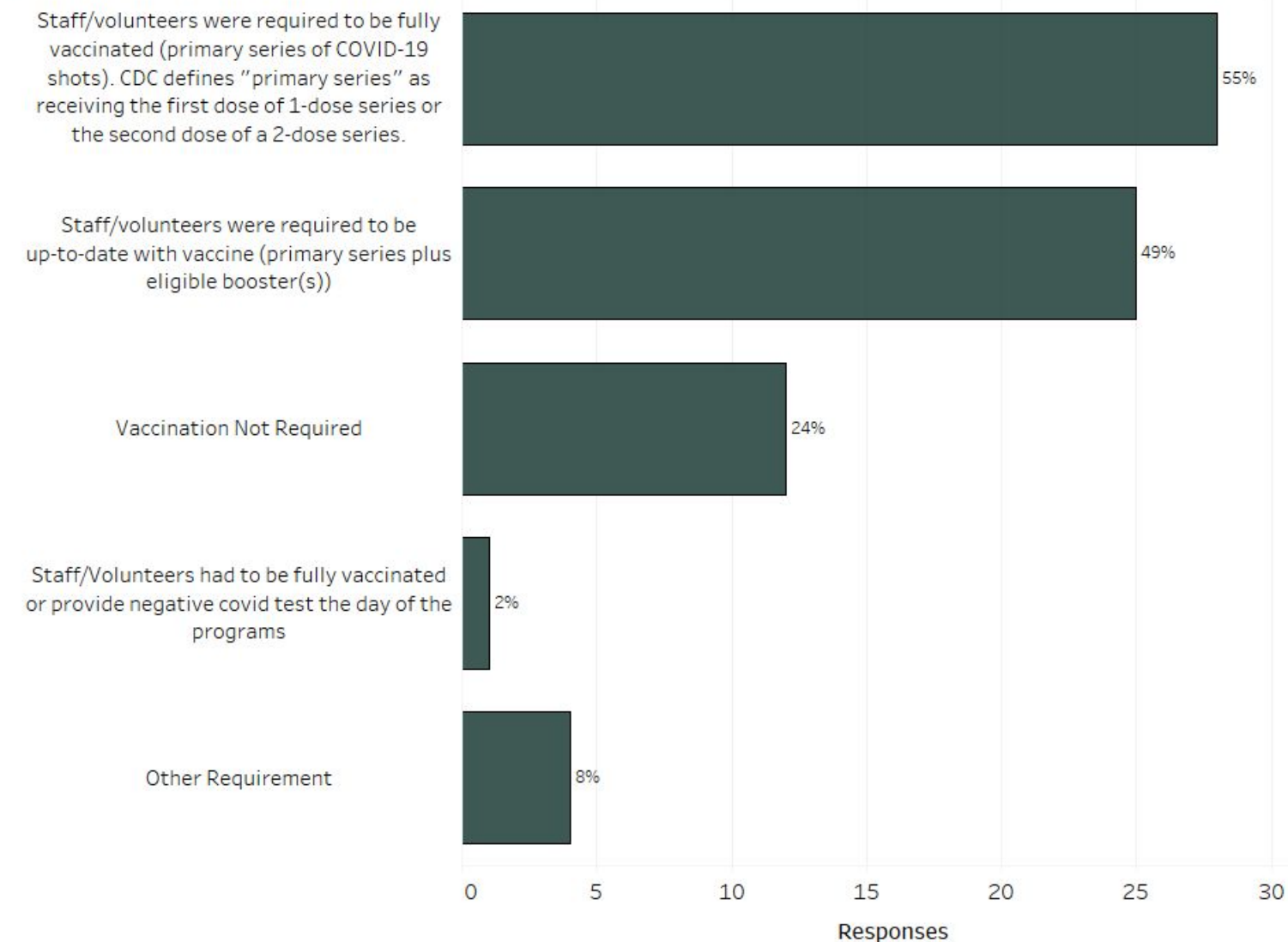
	Responses	% of Organizations
Counselors/Bunk Staff	13	68%
Admin/Programming Staff	10	53%
Medical Staff	6	32%
Executive/Camp Director	2	11%
Other Staff	1	5%

# Staff Covid-19 Vaccination Requirement Recap



While overall contraction rate amongst staff was low, the majority of COVID-19 cases were found with staff populations that were mostly vaccinated, possibly attributed to positions with direct contact with participants.

### Staff Covid-19 Vaccination Requirements



### Percent Staff Fully Vaccinated (Covid-19)

	Responses	% of Responses	Staff / Volunteers	Staff Contractions	Staff Contraction Rate
Under 50%	1	2%	158	0	0.00%
50-75%	3	5%	329	6	1.82%
76-80%	1	2%	57	11	19.30%
81-85%	1	2%	67	0	0.00%
86-90%	1	2%	50	0	0.00%
91-95%	1	2%	119	3	2.52%
96-100%	44	72%	5,276	49	0.93%
No Response	10	16%	150	0	0.00%
<b>Grand Total</b>	<b>61</b>	<b>100%</b>	<b>6,206</b>	<b>69</b>	<b>1.11%</b>

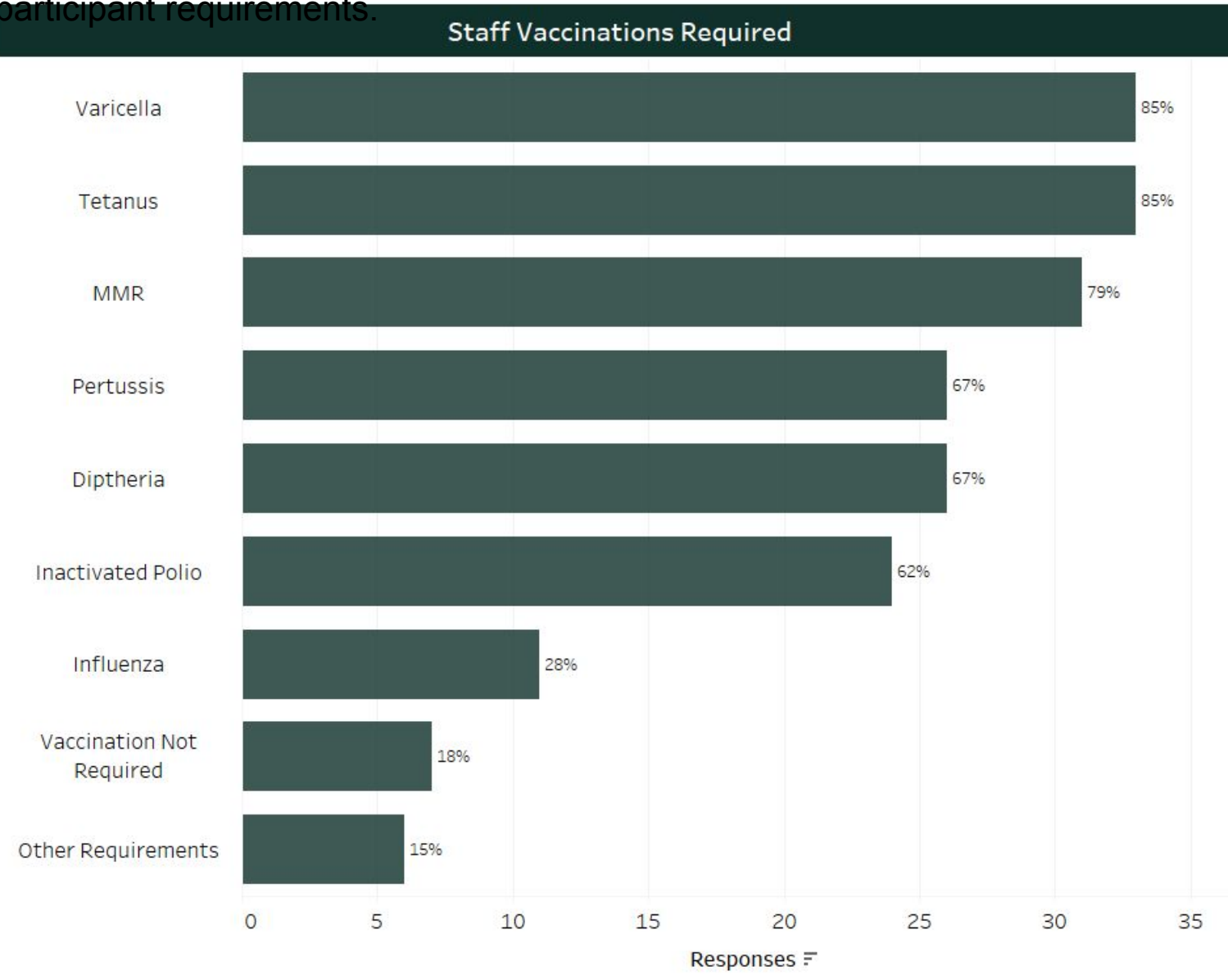
### Percent Staff Up-to-Date with Vaccine (Covid-19)

	Responses	% of Responses	Staff / Volunteers	Staff Contractions	Staff Contraction Rate
Under 50%	2	3%	201	4	1.99%
50-75%	10	16%	865	32	3.70%
76-80%	3	5%	324	10	3.09%
81-85%	1	2%	79	1	1.27%
86-90%	2	3%	222	0	0.00%
96-100%	31	51%	4,122	21	0.51%
No Response	13	21%	393	1	0.25%
<b>Grand Total</b>	<b>61</b>	<b>100%</b>	<b>6,206</b>	<b>69</b>	<b>1.11%</b>

# Staff Vaccination Requirements



39 responses from organizations indicated requiring other vaccinations outside of the COVID-19 vaccination for staff members, with 72% of organizations requiring 5 or more vaccines, in line with participant requirements.



### Vaccine Summary

	Responses	Staff / Volunteers	% of Staff
Vaccines Required	39	5,082	82%
Not Required	7	603	10%
N/A or No Response	16	521	8%
<b>Grand Total</b>	<b>61</b>	<b>6,206</b>	<b>100%</b>

### Vaccine Quantity Summary

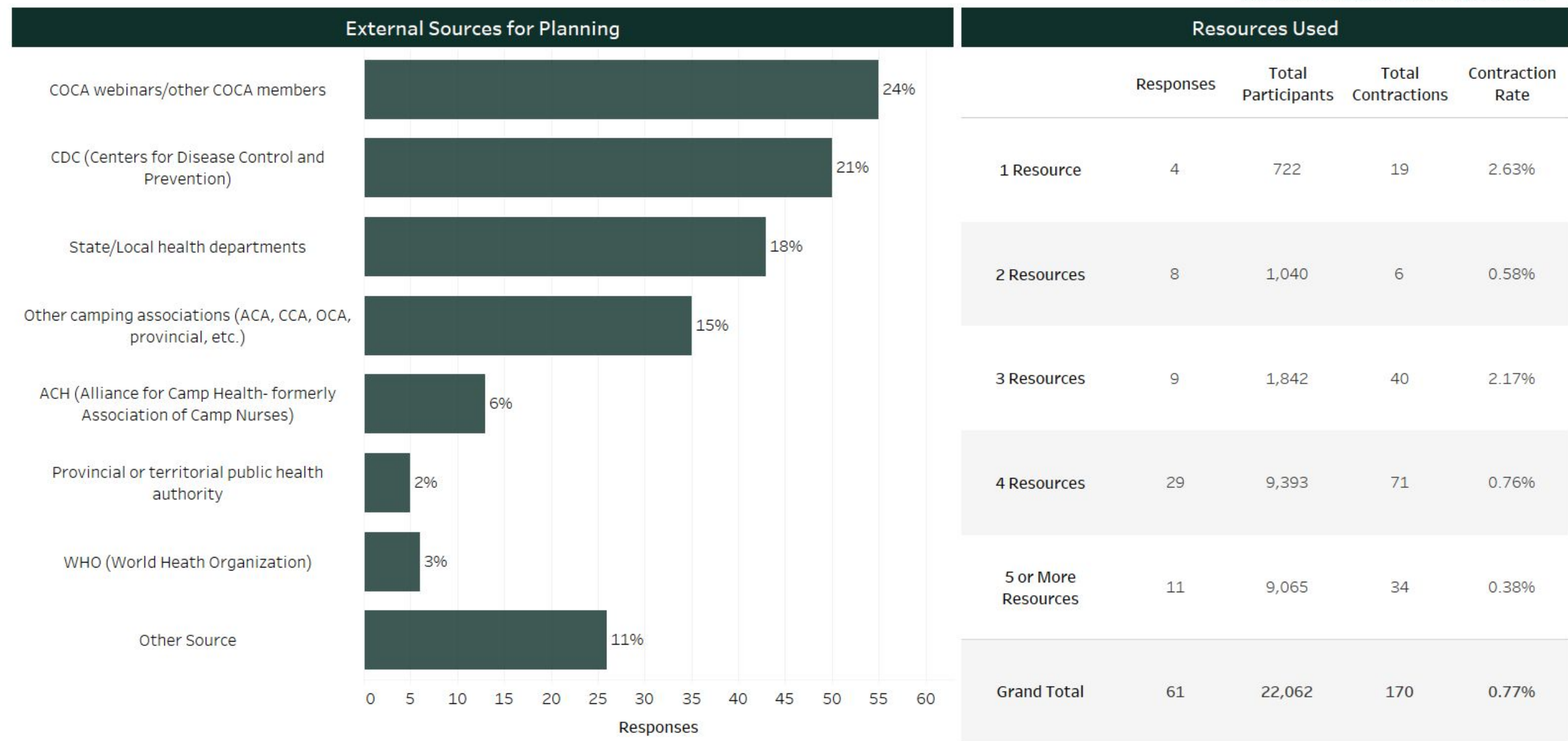
	Responses	Staff / Volunteers	% of Staff
1 Vaccine	5	608	12%
2 Vaccines	2	182	4%
3 Vaccines	3	162	3%
4 Vaccines	5	454	9%
5 or More Vaccines	24	3,676	72%
<b>Grand Total</b>	<b>39</b>	<b>5,082</b>	<b>100%</b>

Planning / Policies / Resources

# Planning Recap



Organizations that utilized as many resources as were available to them to determine appropriate policies related to COVID-19 appeared to have more success in limited virus contractions

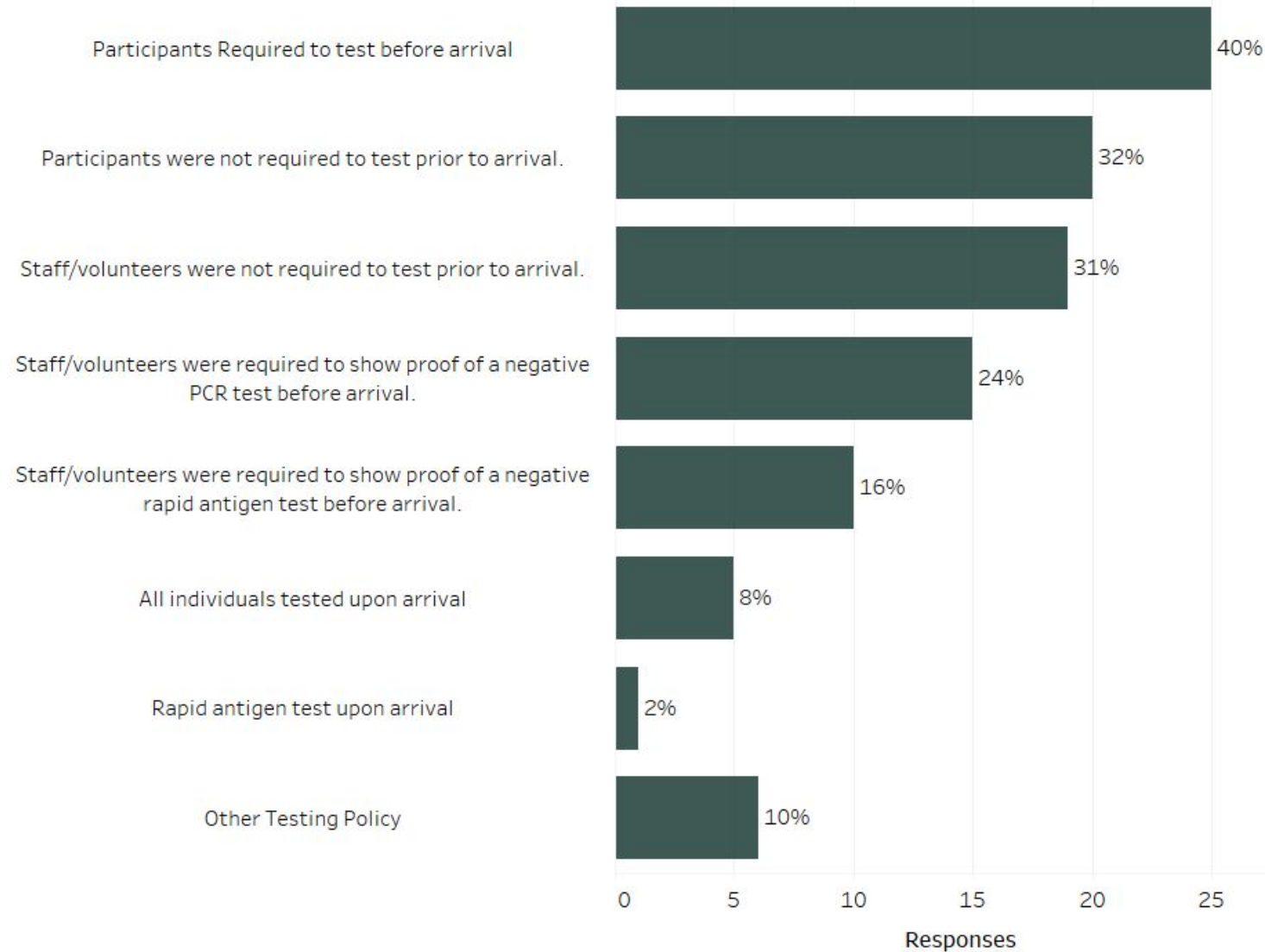


# Pre-Arrival Testing Policy Recap



Testing within 24-72 hours from arrival appeared to have a significant impact in keeping COVID-19 contraction rates low.

## Pre-Arrival Testing Policies



## Testing Before Arrival - Participants

	Responses	Participant Contractions	% Participant Contraction	Participant Contractions per Response
Upon Arrival	5	6	6%	1.2
Within 24 Hours	2	0	0%	0.0
Within 24-48 Hours	8	3	3%	0.4
Within 48-72 Hours	3	0	0%	0.0
Within 72 Hours	9	12	12%	1.3
More Than 72 Hours	4	3	3%	0.8
N/A or No Response	31	77	76%	2.5
<b>Grand Total</b>	<b>61</b>	<b>101</b>	<b>100%</b>	<b>1.7</b>

## Testing Before Arrival - Staff

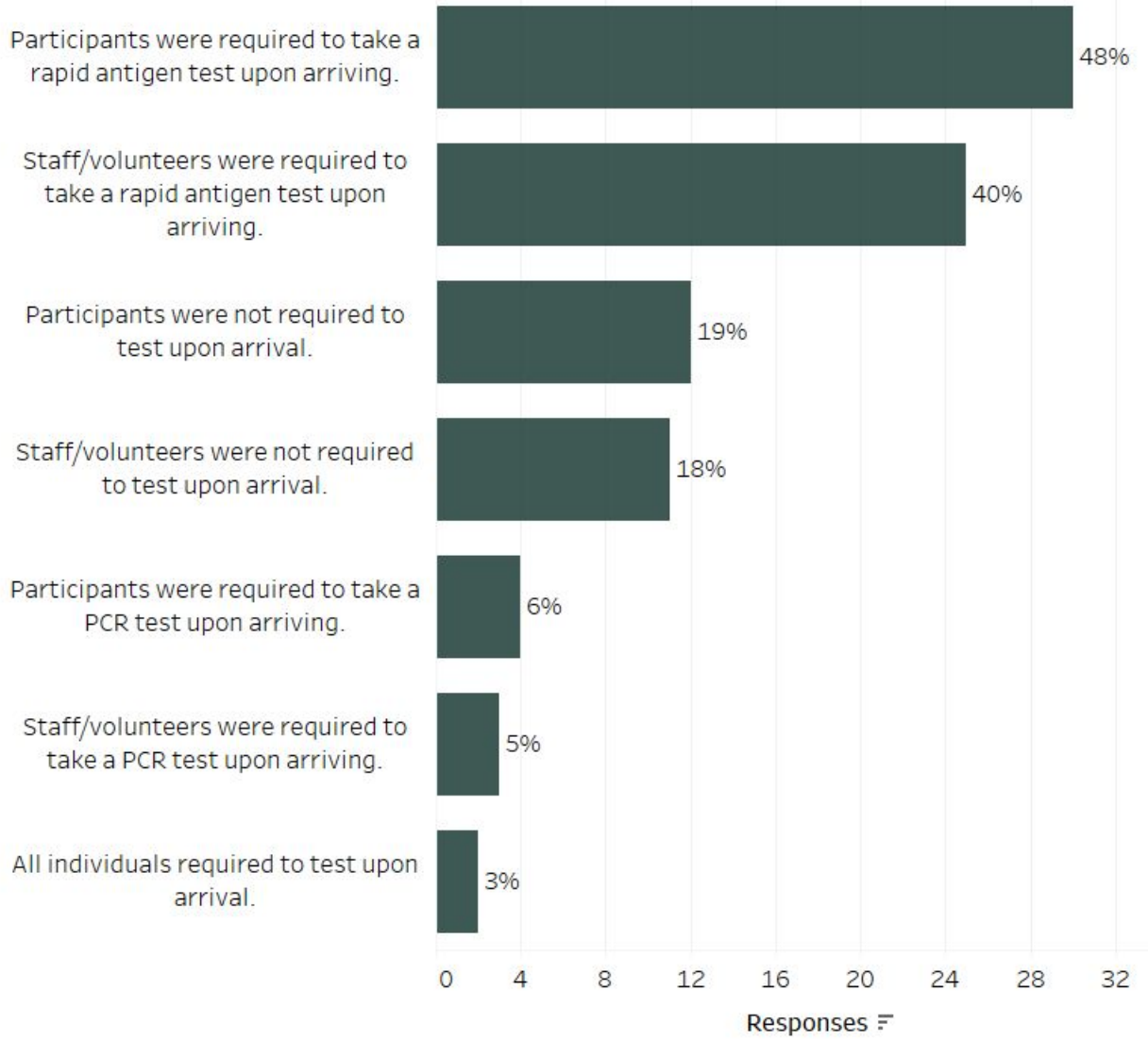
	Responses	Staff Contractions	% Staff Contraction	Staff Contractions per Response
Upon Arrival	6	10	14%	1.7
Within 24 Hours	4	4	6%	1.0
Within 24-48 Hours	8	3	4%	0.4
Within 48-72 Hours	3	0	0%	0.0
Within 72 Hours	7	11	16%	1.6
More Than 72 Hours	3	4	6%	1.3
N/A or No Response	31	37	54%	1.2
<b>Grand Total</b>	<b>61</b>	<b>69</b>	<b>100%</b>	<b>1.1</b>

# Arrival / During Testing Policy Recap

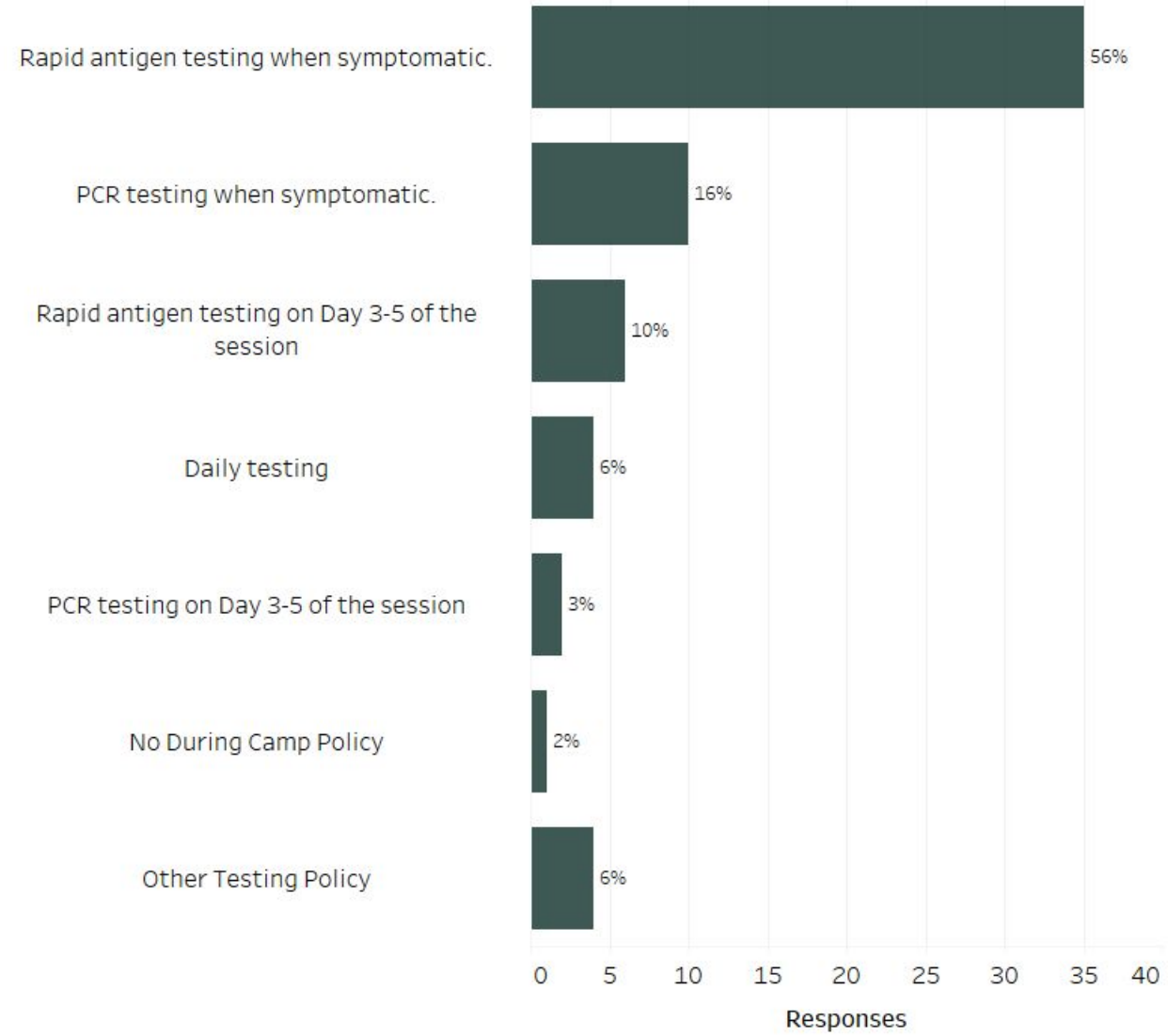


[...]

## Arrival Testing Policies



## During Camp Testing Policies

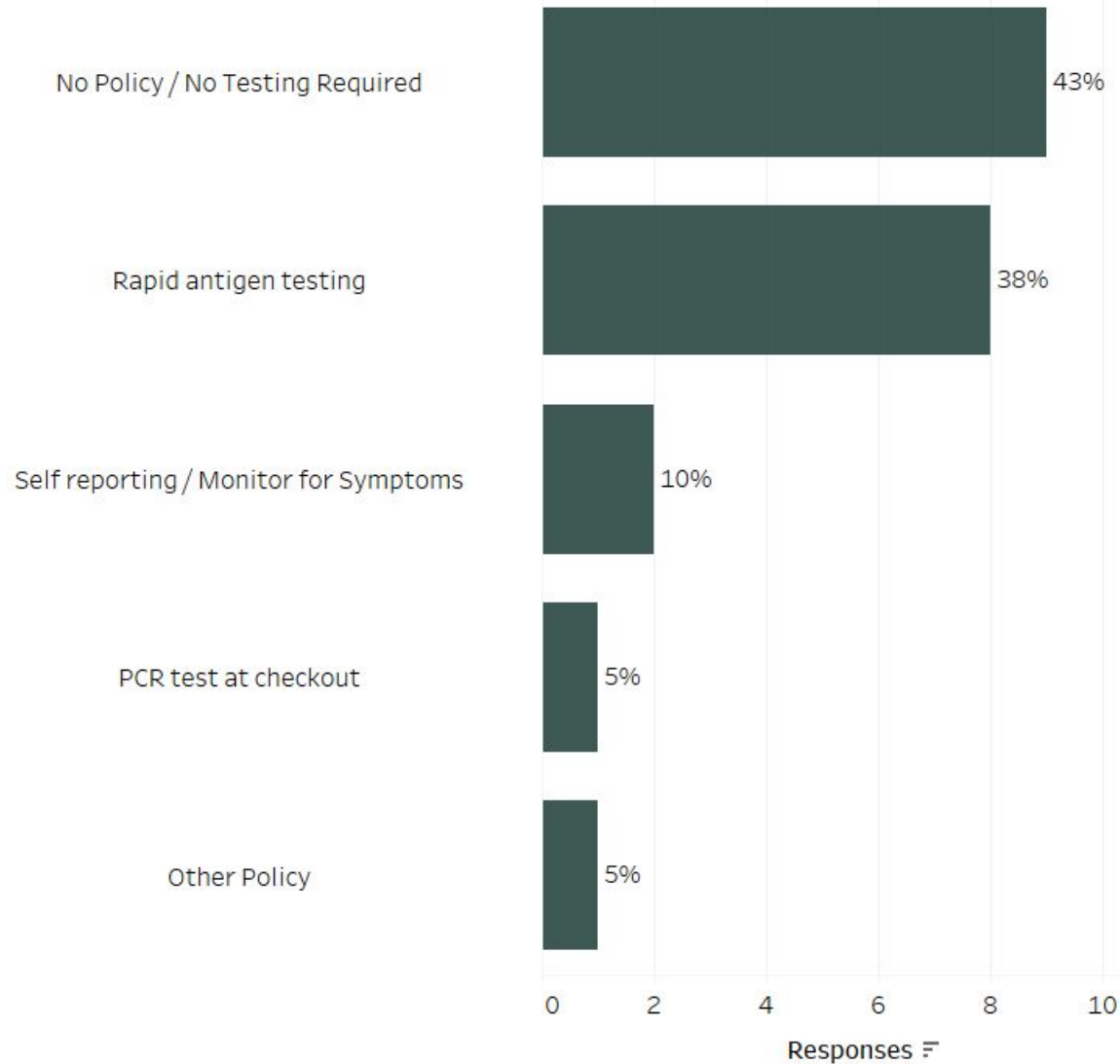


# Post Camp Policy / Testing Resource Recap



Most organizations either did not have a post-program testing policy or performed an antigen test typically administered by camp staff. Tests were predominately stated to have been discounted and / or free

## Post Camp Testing Policies



## COVID-19 Test Administers

	Responses	Camp Util
Camp/Medical Staff	43	69%
Other Administers	11	18%
Volunteers / Medical Students	3	5%
Local medical facilities	2	3%
N/A & Did not Test	5	8%

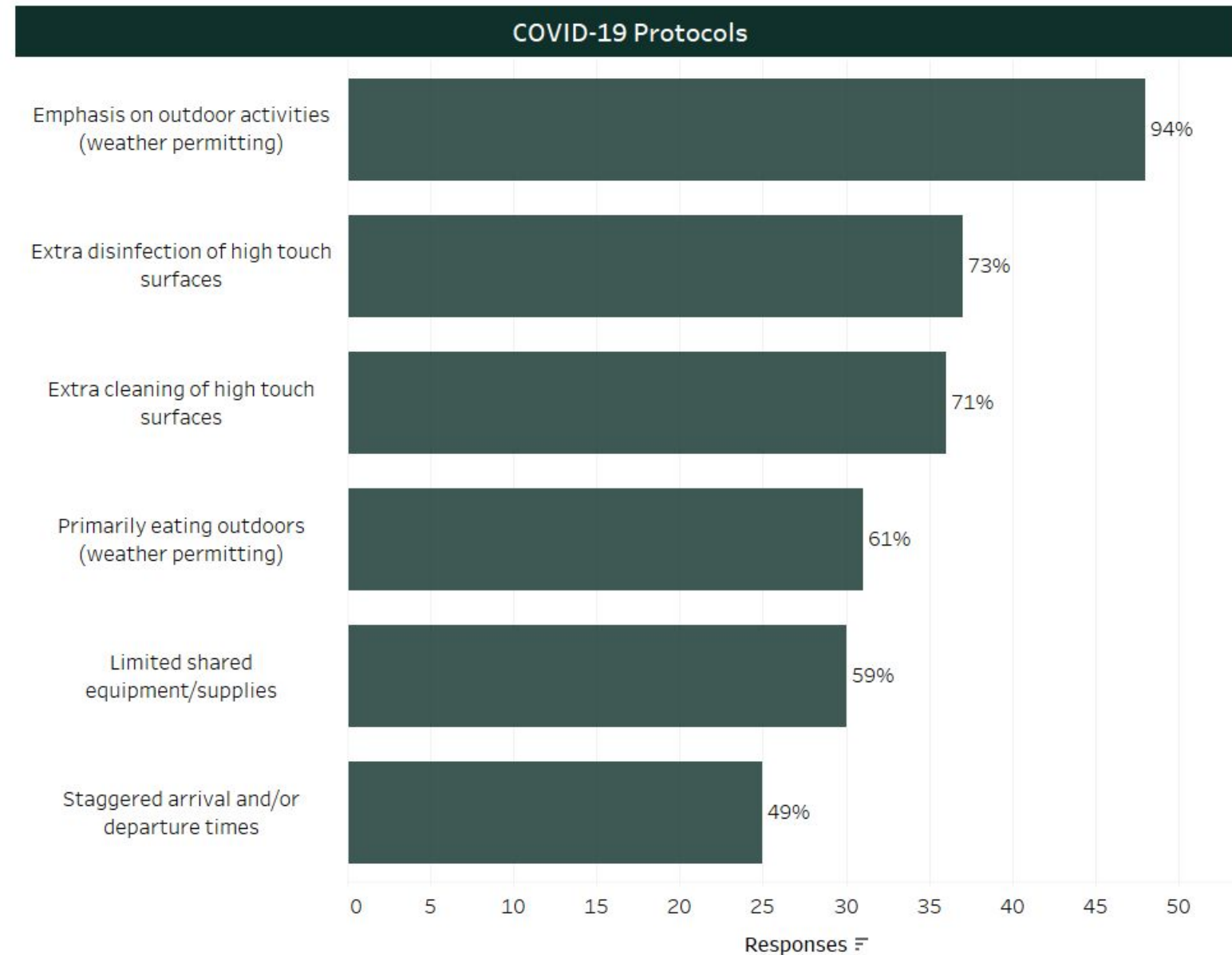
## COVID-19 Tests Provided

Tests free / discounted?	Received From?	Responses	% of Responses
Yes	Local / State Government Program	16	26%
	Local Labs, Universities, etc.	7	11%
	Commercial / Suppliers	6	10%
	Donations	4	7%
	Community / Local medical facilities	2	3%
	No Response	1	2%
	Heed	1	2%
	Grants	1	2%
	CDC	1	2%
	<b>Total</b>		<b>39</b>
No	No Response	3	5%
	Commercial / Suppliers	2	3%
	Heed	1	2%
	Community / Local medical facilities	1	2%
	<b>Total</b>		<b>7</b>
No Response / Did not Test	No Response	15	25%
	Local / State Government Program	1	2%
	<b>Total</b>		<b>16</b>
<b>Grand Total</b>		<b>61</b>	<b>100%</b>

# COVID-19 Protocols



Implementation of COVID-19 protocols, along with emphasis on Outdoor Activities were effective in limiting risk of contracting the virus



### COVID-19 Protocol Summary

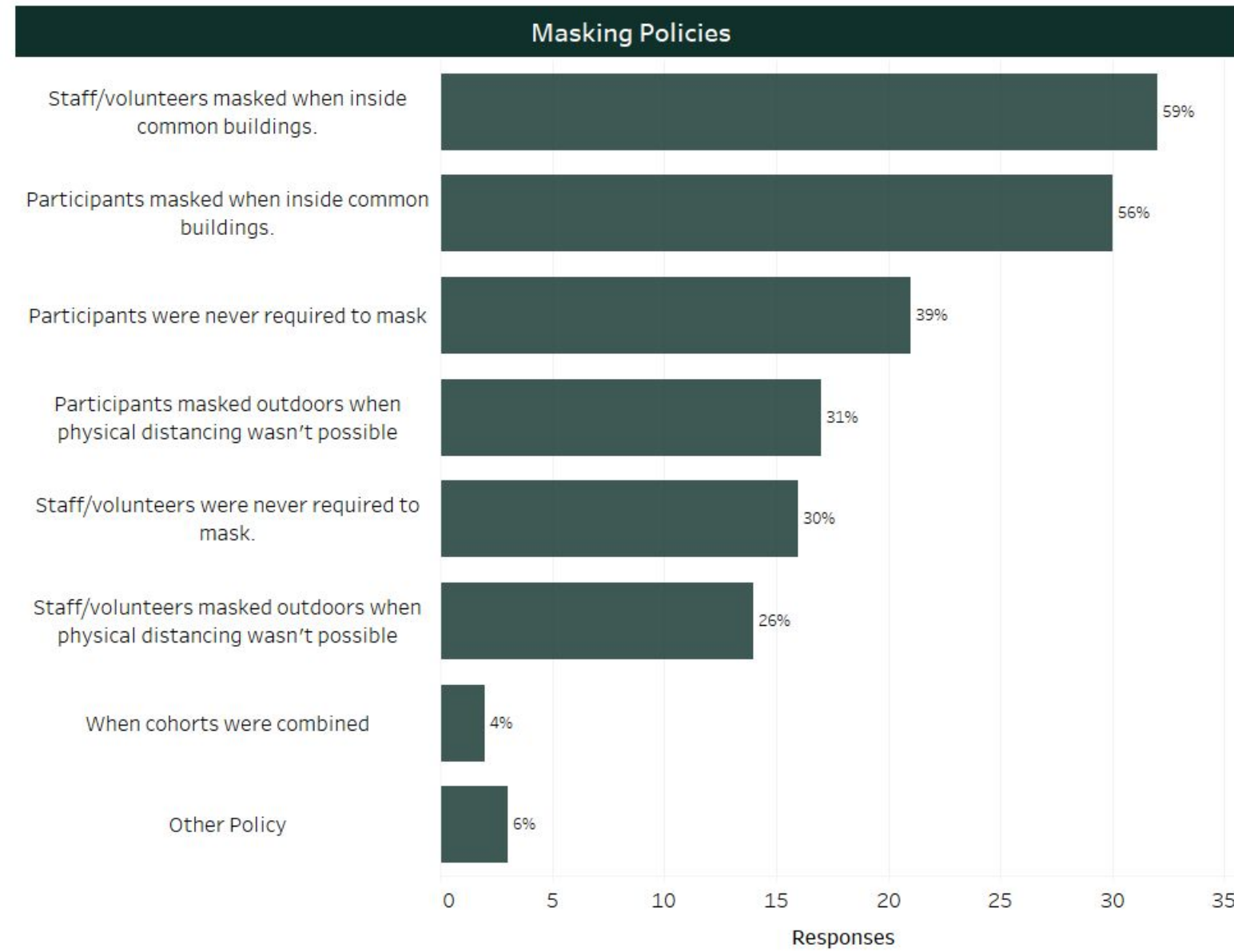
	Responses	Total Participants	% of Participants	Total Contractions	Contraction Rate
Covid-19 Protocols	51	21,493	97%	135	0.63%
N/A or No Response	11	569	3%	35	6.15%
<b>Grand Total</b>	<b>61</b>	<b>22,062</b>	<b>100%</b>	<b>170</b>	<b>0.77%</b>

### Outdoor Activities Utilization

	Responses	Total Participants	% of Participants	Total Contractions	Contraction Rate
Less Than 50%	5	871	4%	22	2.53%
50-75%	16	5,442	25%	50	0.92%
76-80%	11	2,778	13%	40	1.44%
81-85%	1	412	2%	0	0.00%
86-90%	7	8,188	37%	8	0.10%
91-95%	9	1,788	8%	10	0.56%
95-100%	4	2,245	10%	5	0.22%
No Response	9	338	2%	35	10.36%
<b>Grand Total</b>	<b>61</b>	<b>22,062</b>	<b>100%</b>	<b>170</b>	<b>0.77%</b>

# Masking Recap

A combination of Participant and staff specific policies around masking was found to be enforced at many programs



### Masking Policy Summary

	Responses	Total Participants	% of Participants	Total Contractions	Contraction Rate
Masking Policies Enforced	37	17,005	77%	92	0.54%
Never required to mask	17	4,780	22%	43	0.90%
N/A or No Response	8	277	1%	35	12.64%
<b>Grand Total</b>	<b>61</b>	<b>22,062</b>	<b>100%</b>	<b>170</b>	<b>0.77%</b>

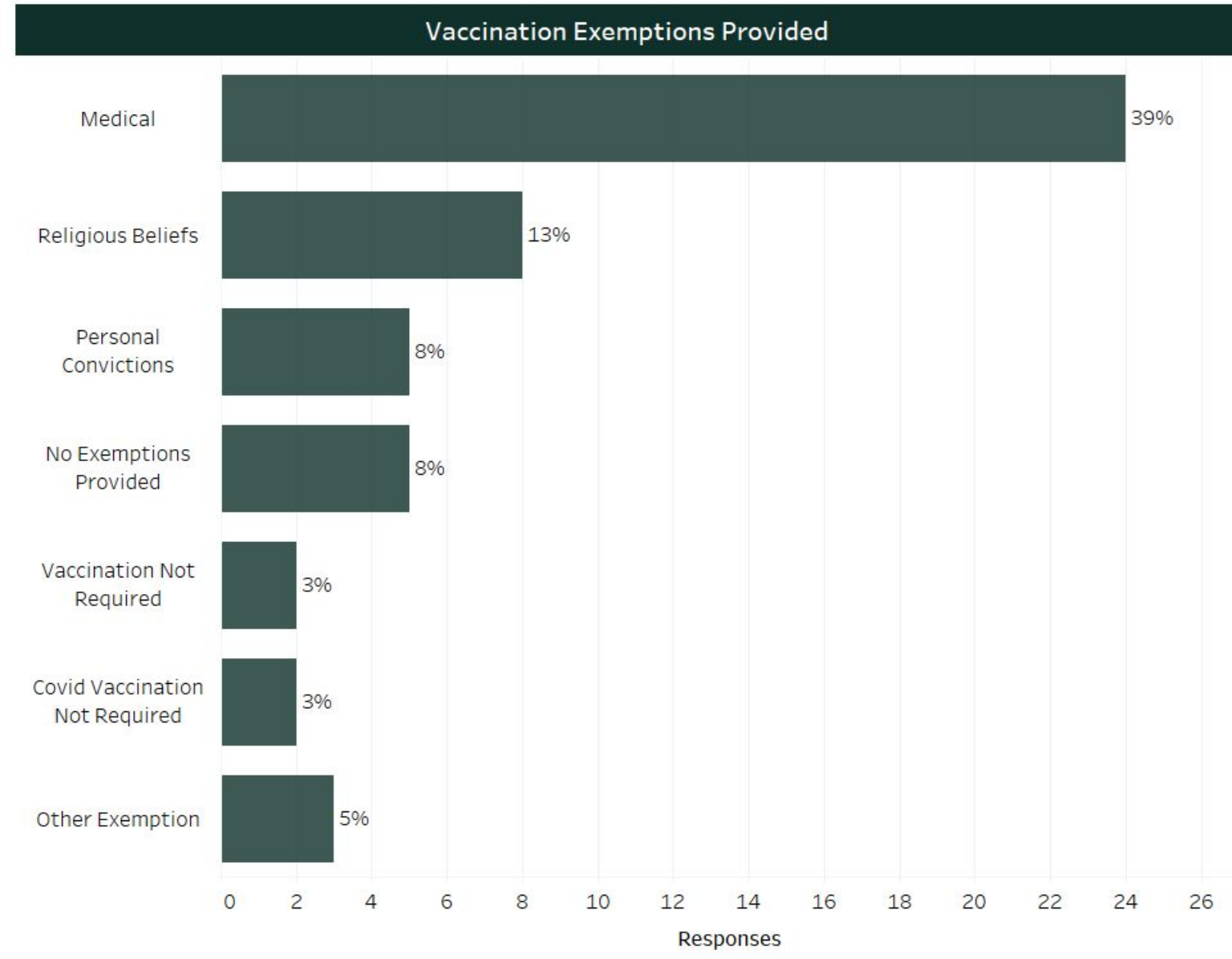
### Masking Policies - Person

	Responses	% of Responses
Participant Policy	68	50%
Staff Policy	62	46%
Other Policy	5	4%

# Vaccination Exemption Recap



Allowing exemptions from vaccinations, as it relates to COVID-19, did not show a significant impact as it relates to the number of virus contractions



### Vaccination Exemptions Allowed

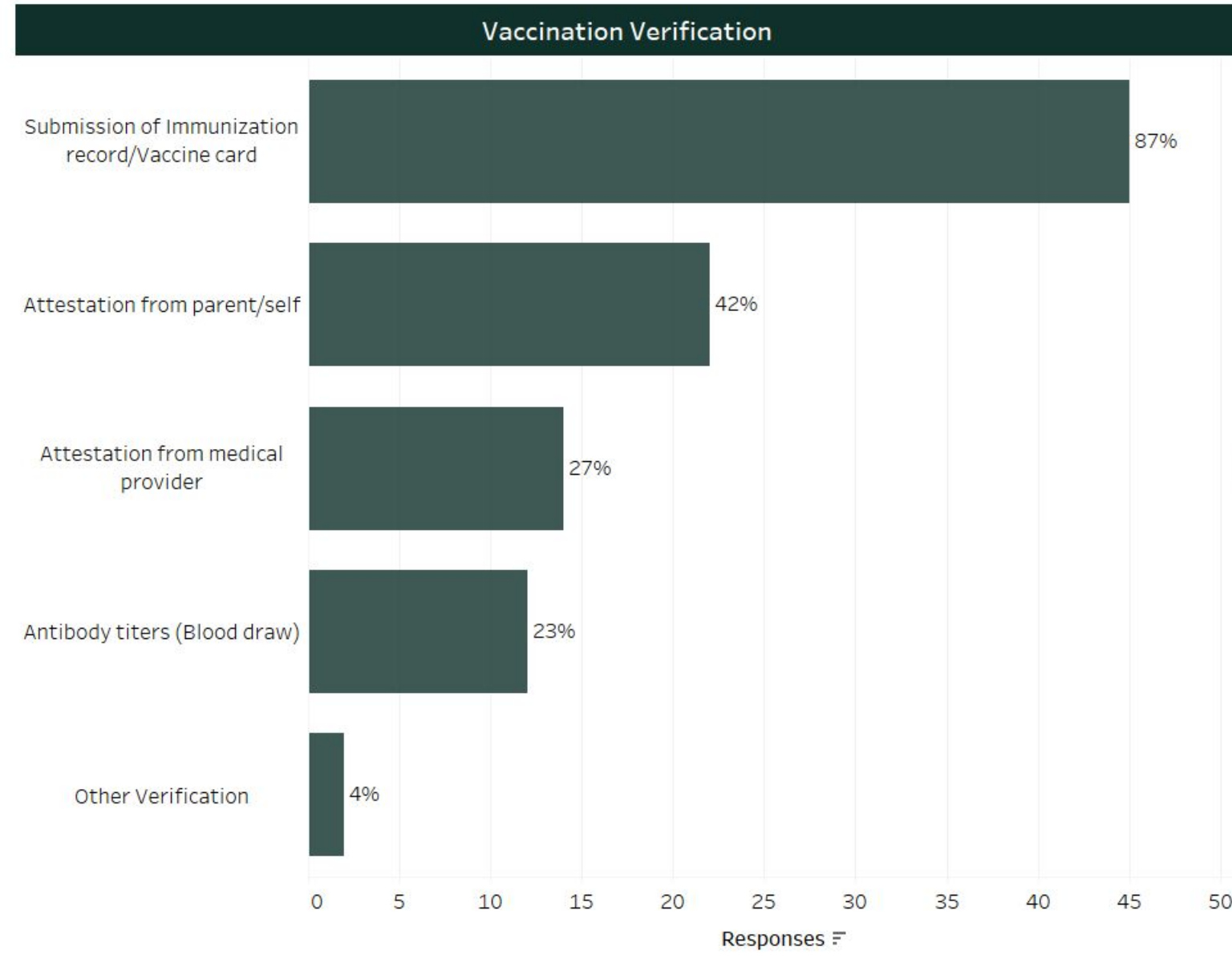
	Responses	Total Participants	% of Participants	Total Contractions	Contraction Rate
Yes	27	9,065	41%	59	0.65%
No	33	12,724	58%	88	0.69%
No Vaccine Requirement	1	273	1%	23	8.42%
<b>Grand Total</b>	<b>61</b>	<b>22,062</b>	<b>100%</b>	<b>170</b>	<b>0.77%</b>

### Vaccination Exemptions Summary

	Responses	Total Participants	% of Participants	Total Contractions	Contraction Rate
1 Exemption	18	6,015	66%	25	0.42%
2 Exemptions	4	863	10%	20	2.32%
3 Exemptions	4	1,711	19%	11	0.64%
4 or More Exemptions	1	476	5%	3	0.63%
<b>Grand Total</b>	<b>27</b>	<b>9,065</b>	<b>100%</b>	<b>59</b>	<b>0.65%</b>

# Vaccination Verification Recap

Requiring vaccination and provided proof was applied to almost all participants at programs that were surveyed



### Vaccination Verification Summary

	Responses	Total Participants	% of Participants	Total Contractions	Contraction Rate
Yes	52	21,575	98%	134	0.62%
No or No Response	10	487	2%	36	7.39%
<b>Grand Total</b>	<b>61</b>	<b>22,062</b>	<b>100%</b>	<b>170</b>	<b>0.77%</b>

### Vaccination Verification Summary

	Responses	Total Participants	% of Participants	Total Contractions	Contraction Rate
1 Verification	25	13,075	61%	40	0.31%
2 Verifications	14	3,625	17%	39	1.08%
3 Verifications	10	4,188	19%	45	1.07%
4 Verifications	3	687	3%	10	1.46%
<b>Grand Total</b>	<b>52</b>	<b>21,575</b>	<b>100%</b>	<b>134</b>	<b>0.62%</b>

# Cohort Recap



Organizations that responded utilizing cohorts in their programs saw a 70% lower COVID contraction rate than those organizations that responded not using cohorts

## Participant Cohort Summary

	Responses	Individuals Served	% of Participants	Participant Contractions	Participant Contraction Rate
0-10	6	1,323	11%	8	0.60%
11-15	16	6,431	55%	8	0.12%
16-20	4	1,718	15%	6	0.35%
21-25	2	1,495	13%	1	0.07%
30+	2	180	2%	6	3.33%
No Response	4	532	5%	1	0.19%
<b>Grand Total</b>	<b>34</b>	<b>11,679</b>	<b>100%</b>	<b>30</b>	<b>0.26%</b>

## Cohort Summary

	Responses	Total Participants	% of Participants	Total Contractions	Contraction Rate
Yes	34	16,307	74%	53	0.33%
No	19	5,205	24%	59	1.13%
No Response	9	550	2%	58	10.55%
<b>Grand Total</b>	<b>61</b>	<b>22,062</b>	<b>100%</b>	<b>170</b>	<b>0.77%</b>

## Staff Cohort Summary

	Responses	Staff / Volunteers	% of Staff	Staff Contractions	Staff Contraction Rate
1-3	3	562	12%	3	0.53%
4-6	14	2,518	54%	5	0.20%
7-9	4	491	11%	7	1.43%
10-12	5	392	8%	2	0.51%
13-15	2	164	4%	0	0.00%
16-19	1	41	1%	1	2.44%
20+	1	43	1%	4	9.30%
No Response	4	417	9%	1	0.24%
<b>Grand Total</b>	<b>34</b>	<b>4,628</b>	<b>100%</b>	<b>23</b>	<b>0.50%</b>

In both Participant and Staff cohort strategies, smaller group settings appear to have been more effective in mitigating contraction risk.

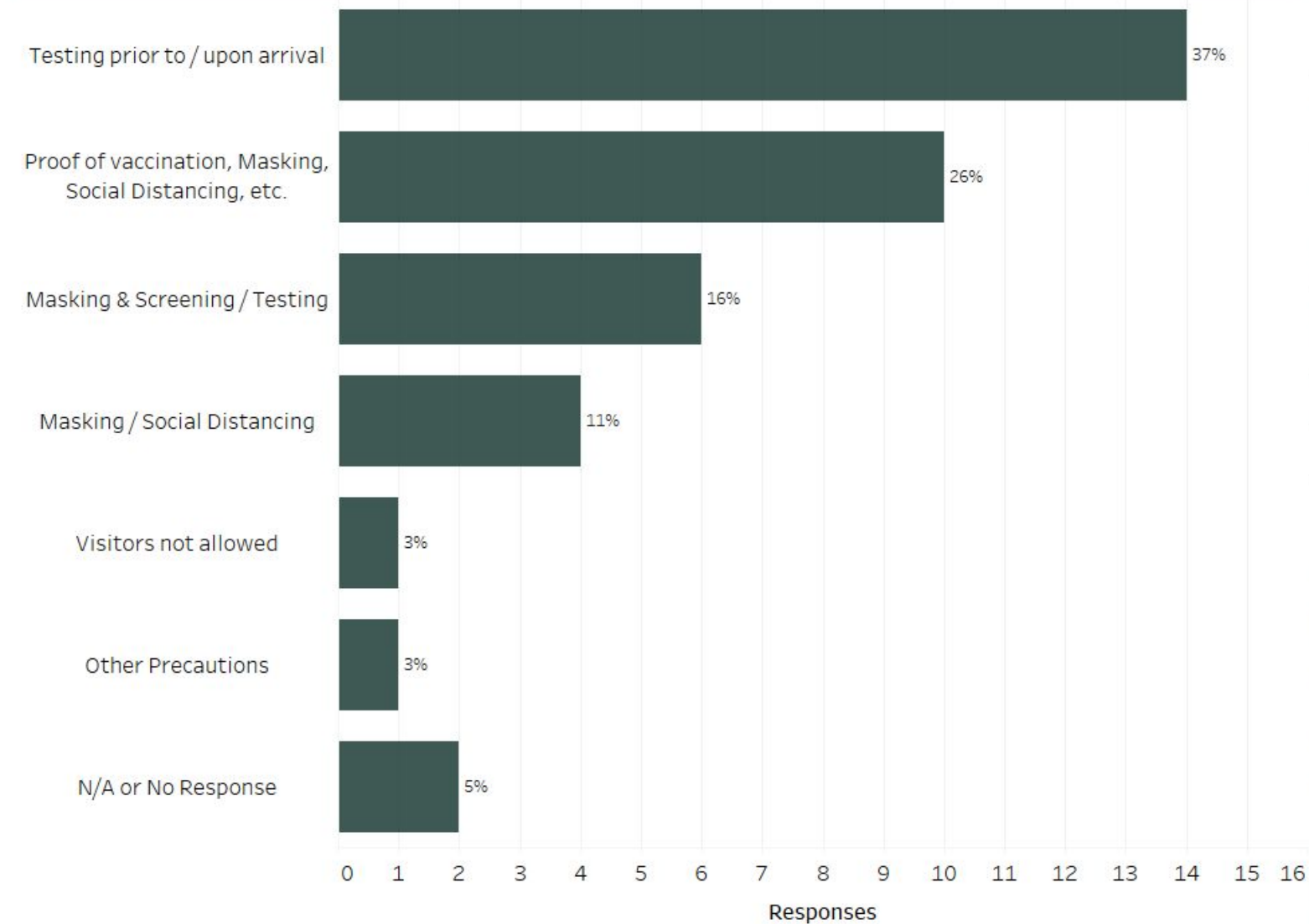
Larger group settings, while having limited responses and therefore more volatile, show higher COVID-19 contraction rates than that of the smaller group sizes.

# Visitor Recap



Roughly 60% of organizations reported allowing visitors at programs, with many permitting third-party providers, board members, and donors

## Visitor Precautions



## Visitor Summary

	Responses	Total Participants	% of Participants	Total Contractions	Contraction Rate
Yes	38	12,083	55%	122	1.01%
No	16	9,702	44%	13	0.13%
No Response	8	277	1%	35	12.64%
<b>Grand Total</b>	<b>61</b>	<b>22,062</b>	<b>100%</b>	<b>170</b>	<b>0.77%</b>

## Types of Visitors

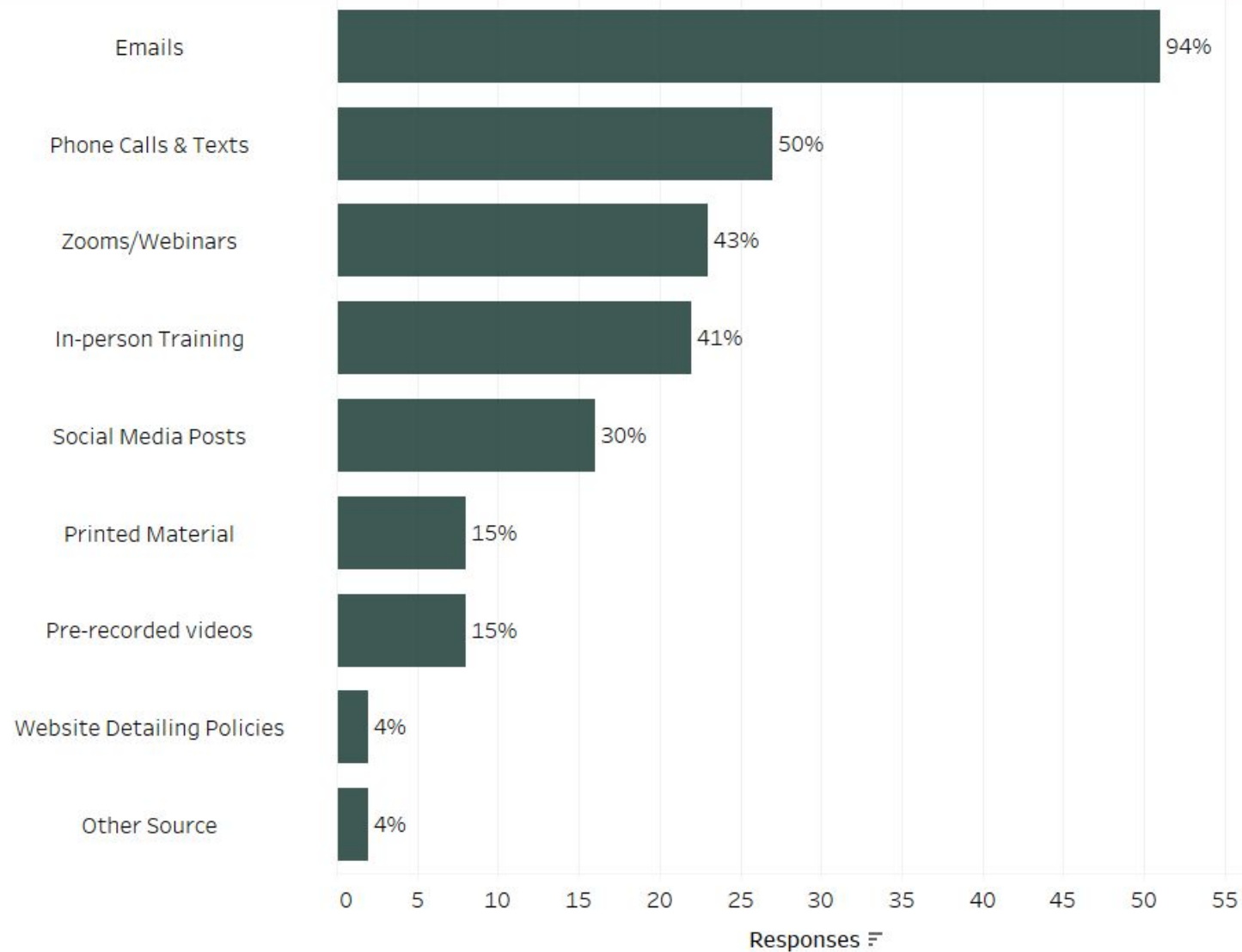
	Responses	% of Organizations
Third-Party Providers	27	71%
Board Members	25	66%
Donors	21	55%
Alumni	8	21%
Other Visitors	4	11%
Volunteers	3	8%
Media, photographers	2	5%
No restrictions	1	3%

# Education Recap



While providing material appeared to have an impact on contraction rates, correlation between number of education materials shared and contraction of Covid-19 appears to be inconclusive.

## Education Resources Provided



## Education Provided

	Responses	Total Participants	% of Participants	Total Contractions	Contraction Rate
Yes	54	21,785	99%	135	0.62%
No	8	277	1%	35	12.64%
<b>Grand Total</b>	<b>61</b>	<b>22,062</b>	<b>100%</b>	<b>170</b>	<b>0.77%</b>

## Education Provided Summary

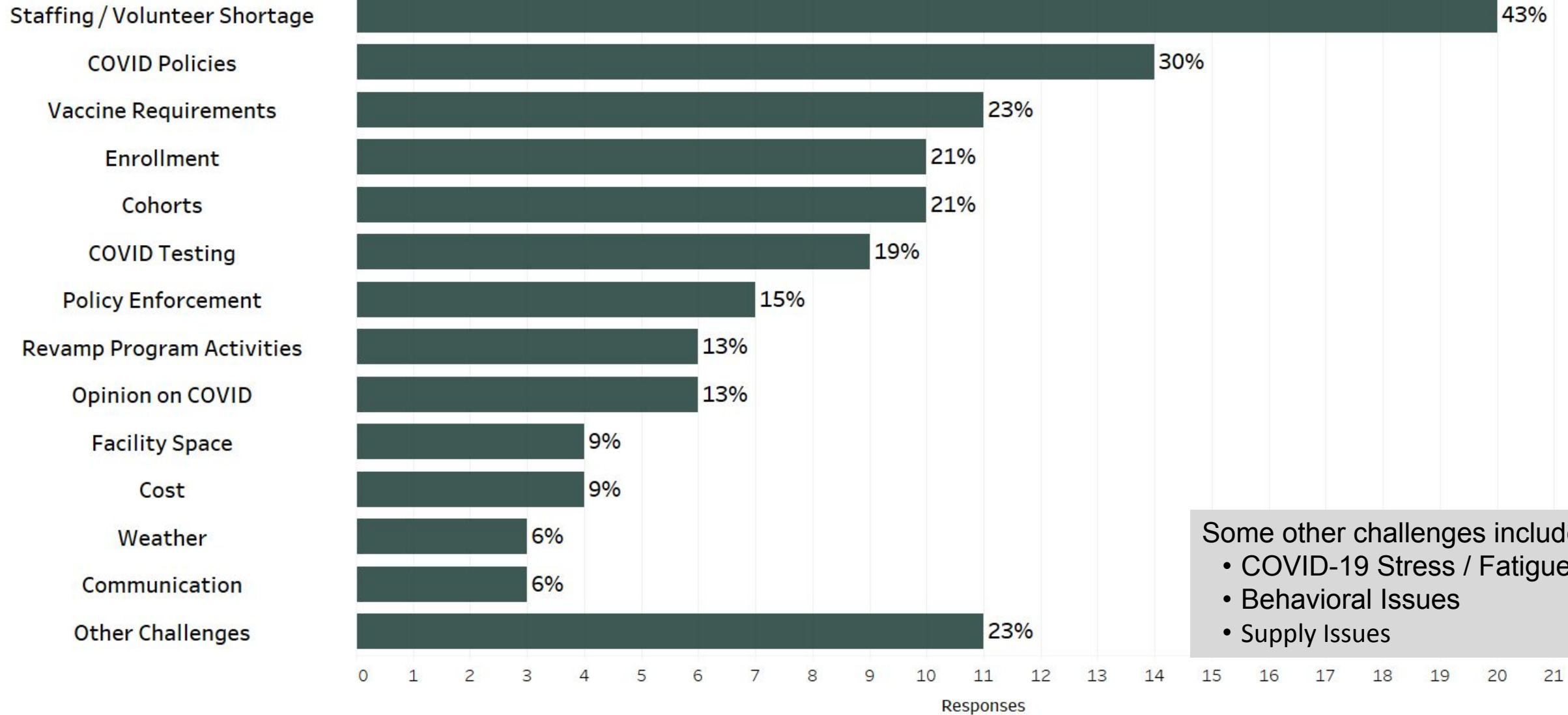
	Responses	Total Participants	% of Participants	Total Contractions	Contraction Rate
1 Resource	7	1,207	6%	7	0.58%
2 Resources	14	2,861	13%	7	0.24%
3 Resources	14	3,428	16%	44	1.28%
4 Resources	15	6,533	30%	50	0.77%
5 or More Resources	4	7,756	36%	27	0.35%
<b>Grand Total</b>	<b>54</b>	<b>21,785</b>	<b>100%</b>	<b>135</b>	<b>0.62%</b>

# Greatest Challenges Recap



Staffing and volunteer shortages were among the greatest challenges for most camps in 2022 with 43% of organizations reporting programs being hindered by lack of staff

Challenges Faced Hosting In-Person Programs in 2022



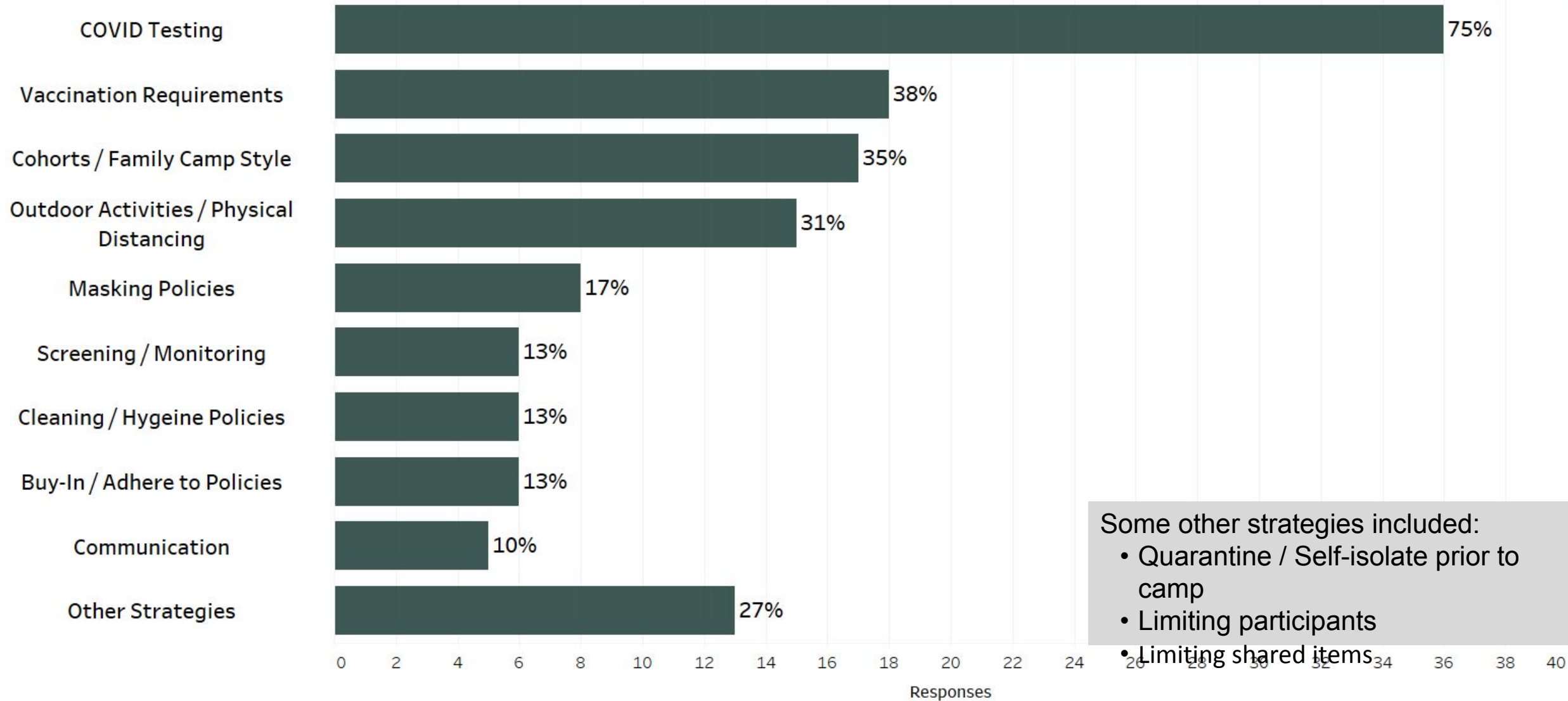
Some other challenges included:

- COVID-19 Stress / Fatigue
- Behavioral Issues
- Supply Issues

# Important Strategies Recap

Adhering to various COVID-19 testing policies was the primary strategy that organizations felt aided in preventing or minimizing the risk of virus contraction amongst participants

Important Strategies Utilized to Prevent or Minimize COVID-19 Risk



Some other strategies included:

- Quarantine / Self-isolate prior to camp
- Limiting participants
- Limiting shared items