

# The American Board of Cardiovascular Perfusion

2023 ANNUAL SURVEY



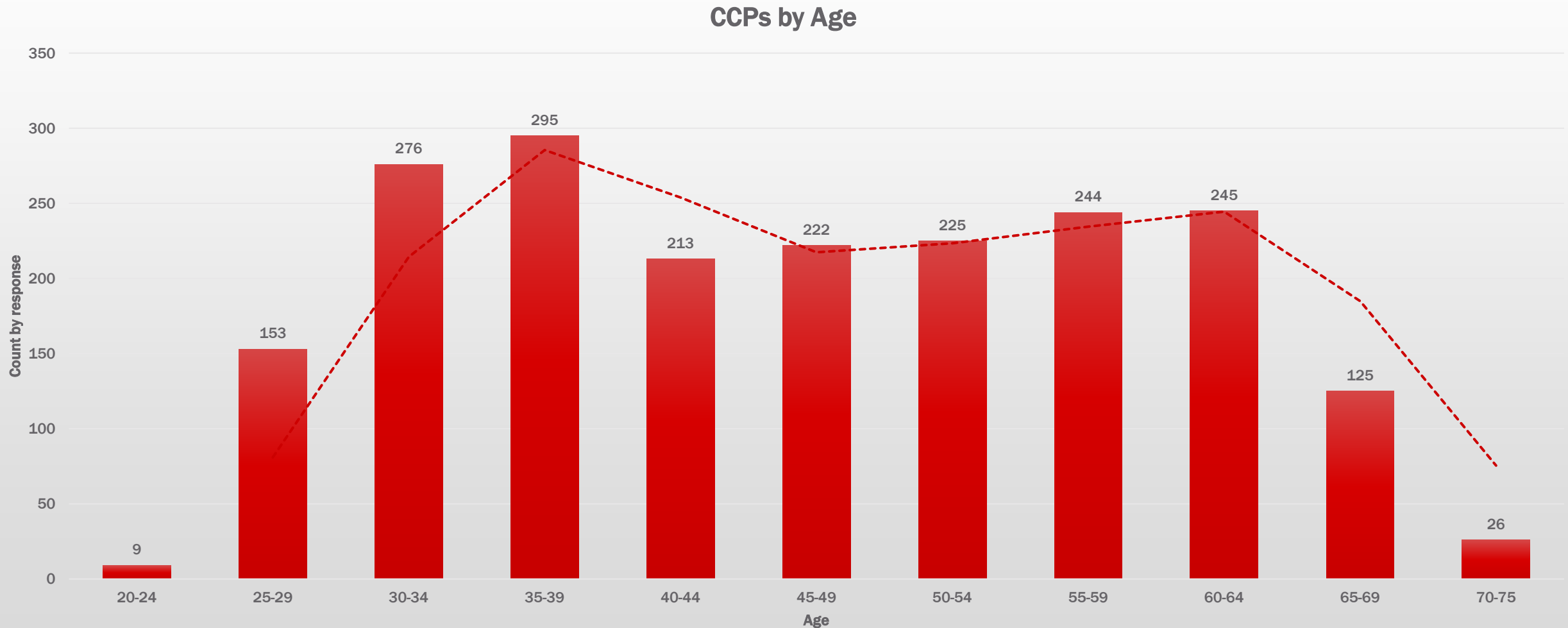


# 2023 Annual Survey Summary

- The annual survey was added to the Online Filing System to pop-up upon successful submission of 2023 Annual Recertification.
- 2263 CCPs started the survey.
- For **Question 1**, when asked if they consent and would like to take the survey, 89.17% (2018 CCPs) agreed and took the survey.
- In this version of the survey, we employed 3 logic-based questions. They are called out on each slide. A “Yes” answer to the previous question would allow them to answer the next. Whereas a “No” answer would skip the next question, as it would not apply to them.



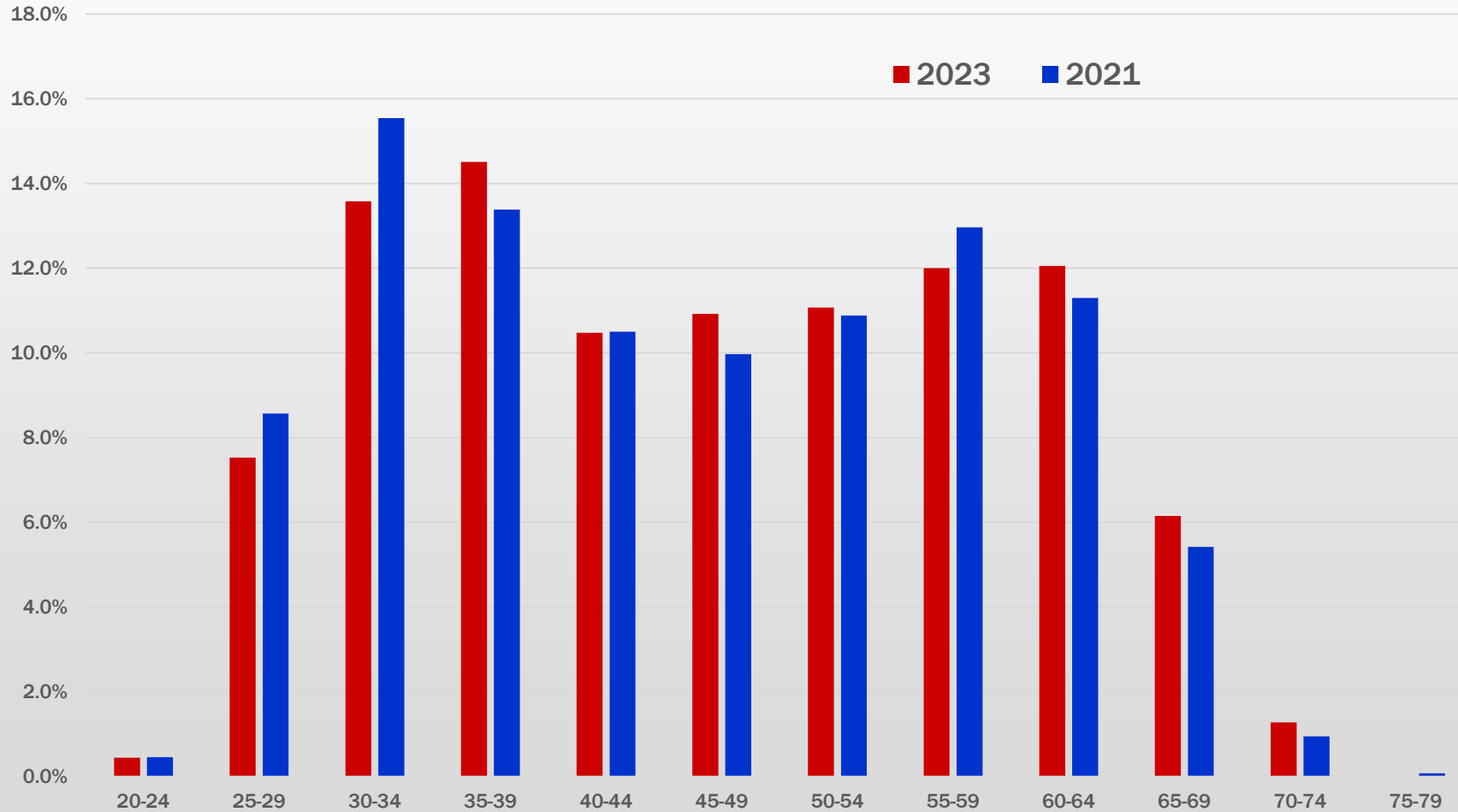
# Question 2: What is your age?



2033 CCPs responded to this question.



# Question 2: What is your age? 2023 vs. 2021



Age Range	2023	2021	% Change
20-24	0.4%	0.5%	0.0%
25-29	7.5%	8.6%	-1.0%
30-34	13.6%	15.5%	-2.0%
35-39	14.5%	13.4%	1.1%
40-44	10.5%	10.5%	0.0%
45-49	10.9%	10.0%	1.0%
50-54	11.1%	10.9%	0.2%
55-59	12.0%	13.0%	-1.0%
60-64	12.1%	11.3%	0.8%
65-69	6.1%	5.4%	0.7%
70-74	1.3%	0.9%	0.3%
75-79	0.0%	0.1%	-0.1%



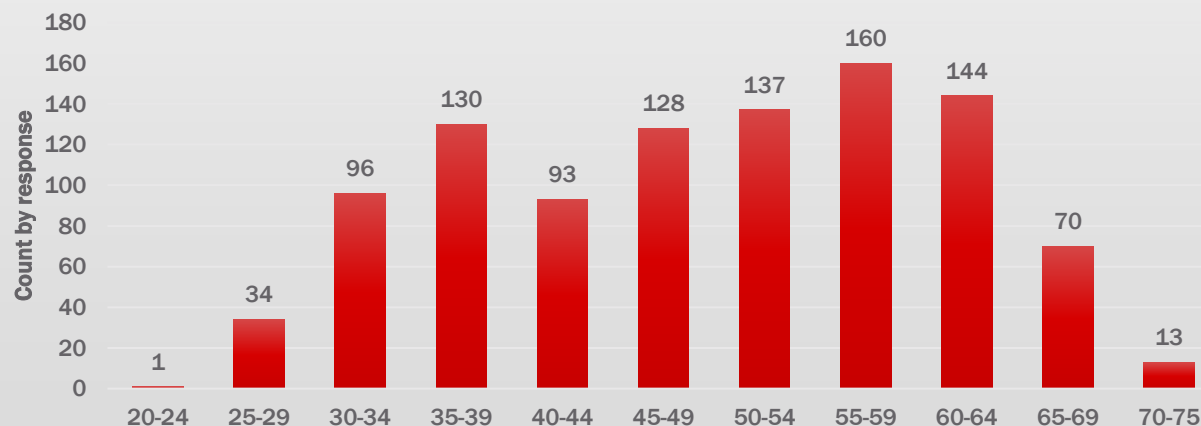
# Question 2: What is your age?

## *cross-sectional analysis*

We ran a cross-sectional analysis of age and highest level of education from Question 13. These two groups represent 90% of Question 13 responses.

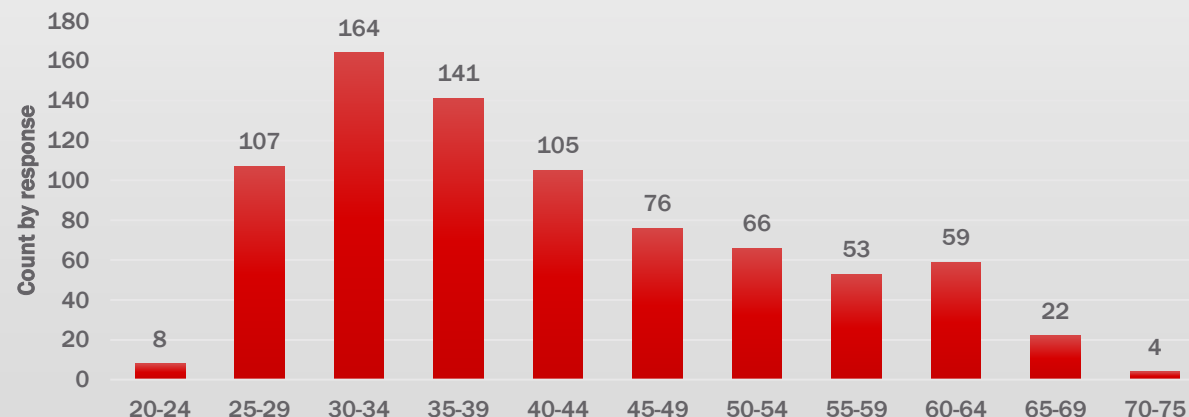
CCPs with a Bachelor's Degree  
1006 responded.

CCPs by Age



CCPs with a Master's or Doctorate Degree  
805 responded.

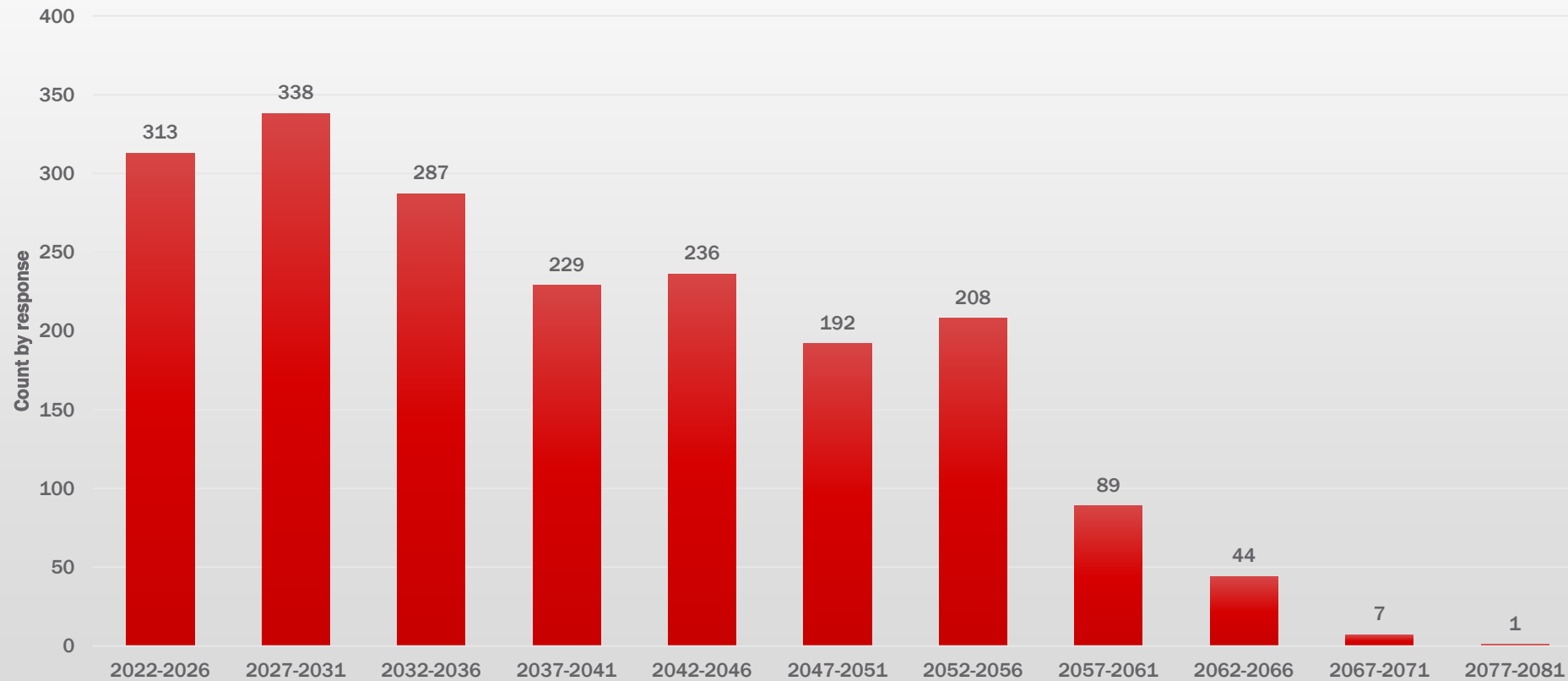
CCPs by Age





# Question 3: When do you plan to retire?

When do you plan to retire?



Year runs across the bottom. The number on top of each column represents the number of CCPs who responded with that year.

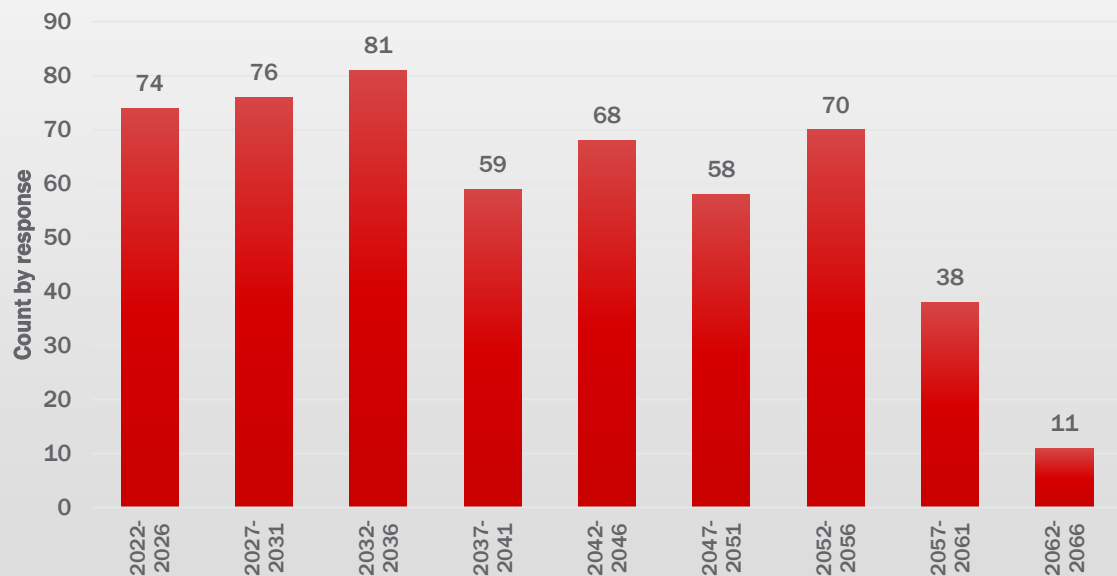
**1944 CCPs responded to this question.**



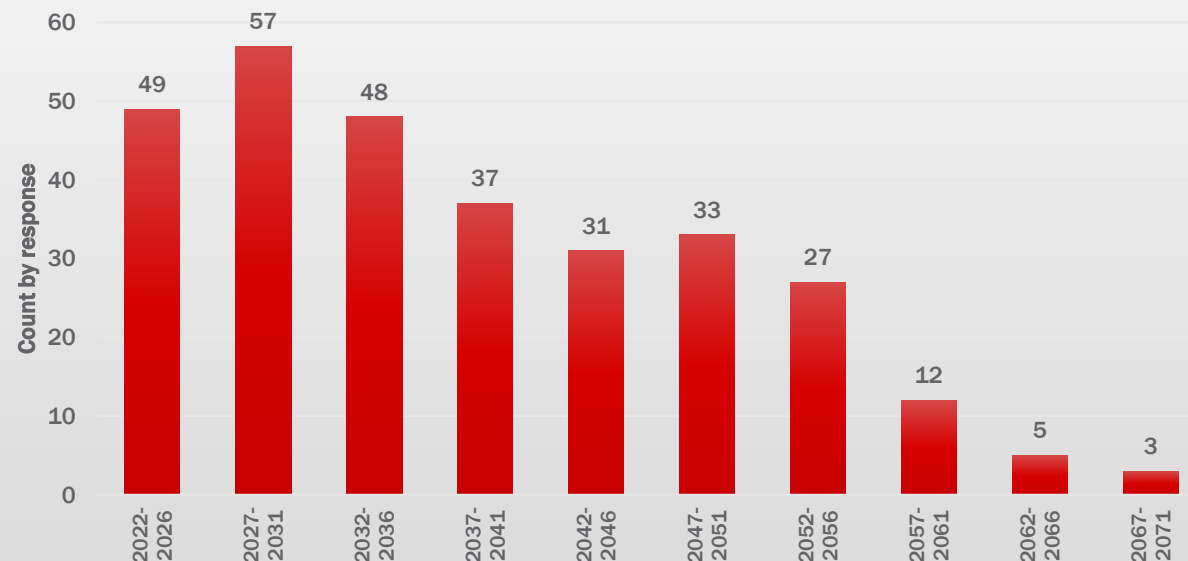
# Question 3: When do you plan to retire?

## *cross-sectional analysis*

We ran a cross-sectional analysis of the year of planned retirement to Question 17 on the type of employer. The next four charts outline the top responses representing nearly 80% of Question 17 responses.

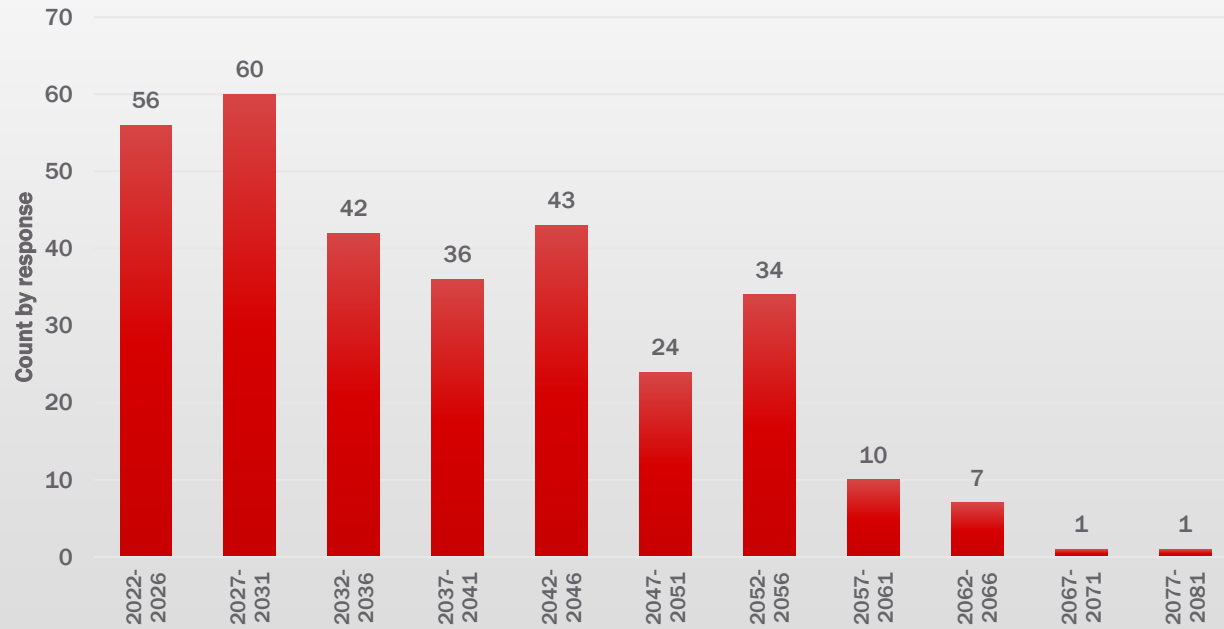


**Employer – Academic Health Center**  
535 responded.

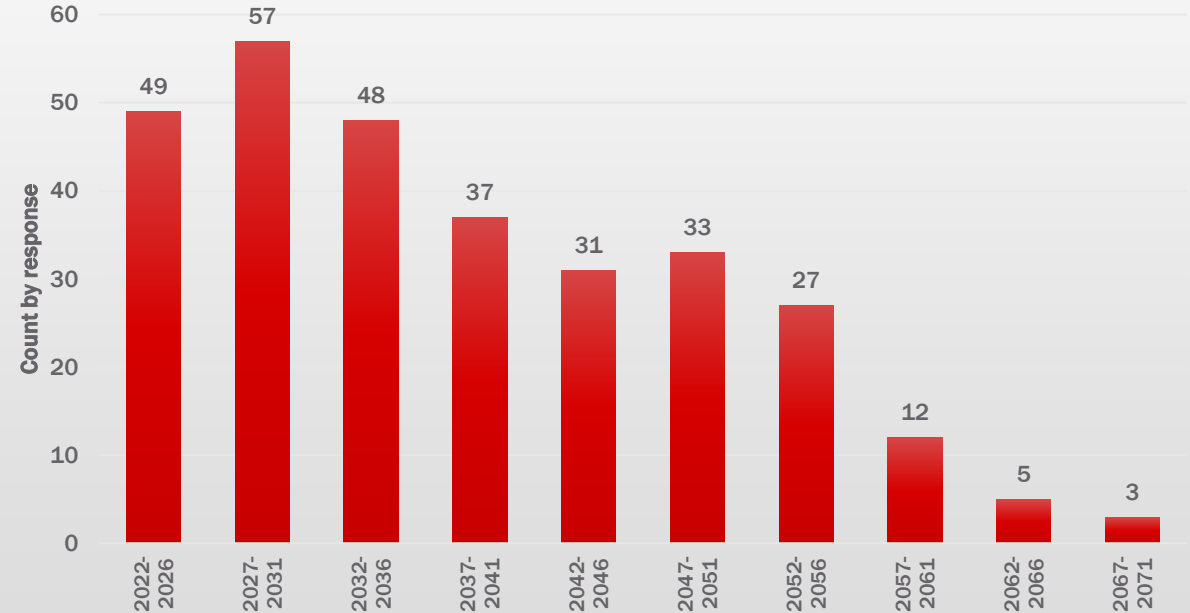


**Employer – Large Contract Group**  
324 responded

# Question 3: When do you plan to retire? *cross-sectional analysis*



**Employer – Multi-hospital System.  
314 responded**

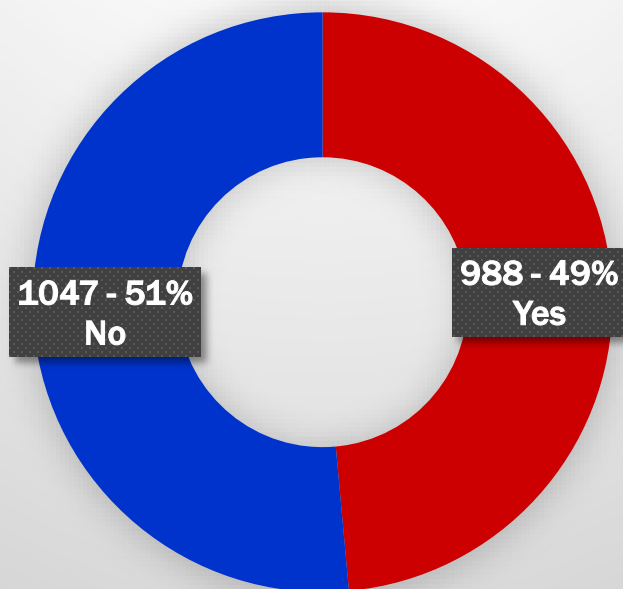


**Employer – Community Hospital.  
302 responded**



# Question 4. Has your team hired a recent graduate? (Graduated within one year)

Has your team hired a recent graduate? (Graduated within one year)

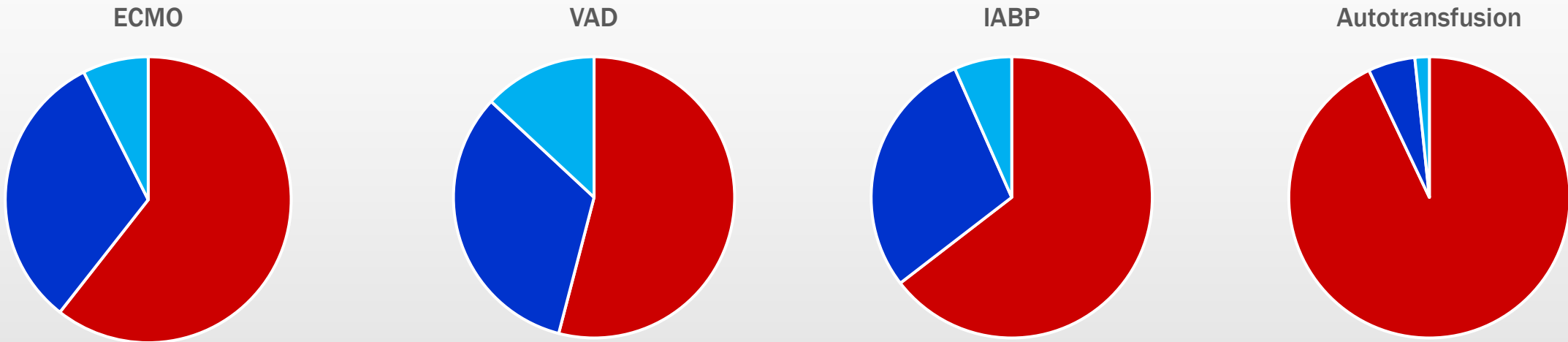


2035 Answered:

- 988 - Yes, 48.55%\*
- 1047 - No, 51.45%

**\* Only "Yes" responses to Question 4 were allowed to answer Question 5.**

# Question 5\*: Do you feel current perfusion program training is sufficient for an entry level perfusionist in the following areas?



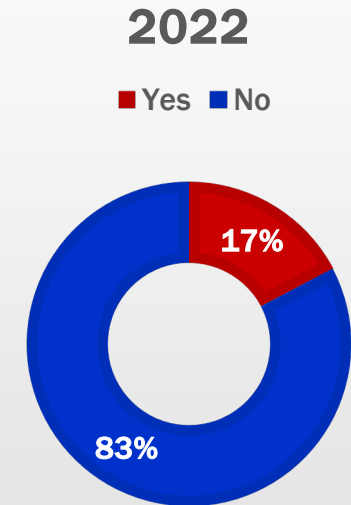
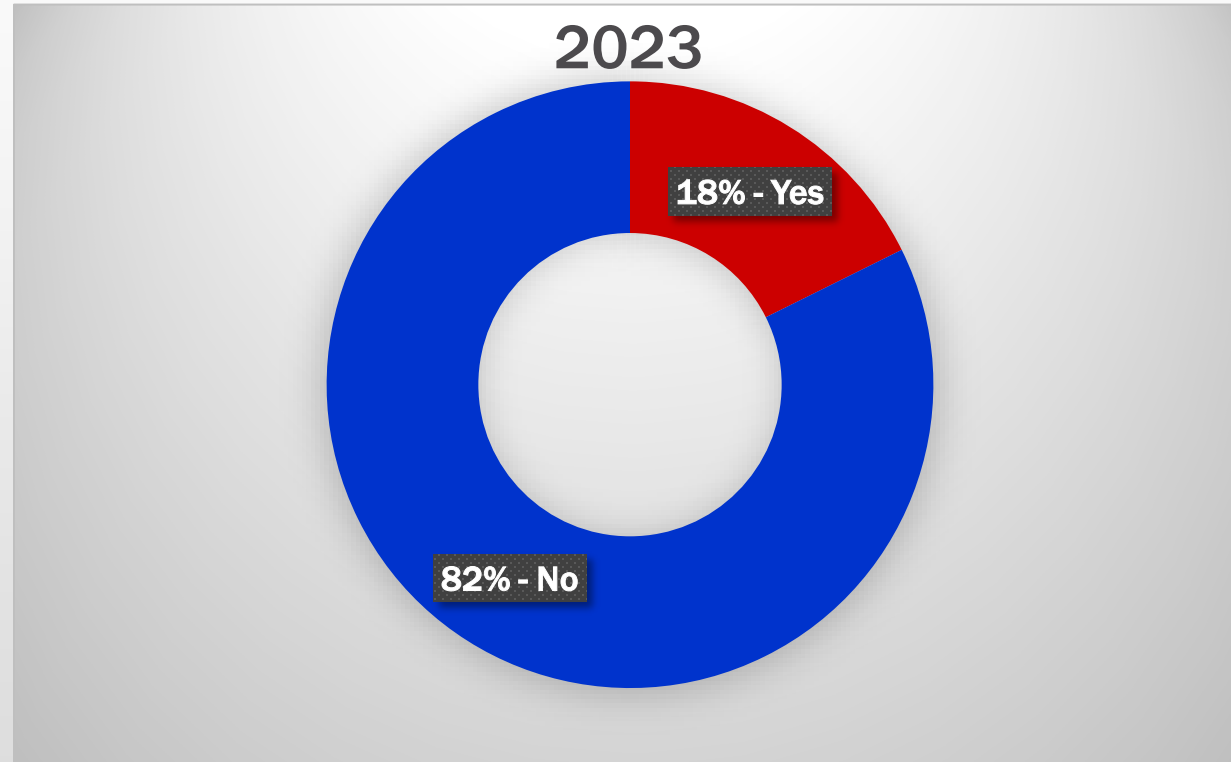
- Yes
- No
- Our program does limited or none

	Yes		No		Our program does limited or none		Total
ECMO	60.60%	586	31.95%	309	7.45%	72	967
VAD	54.05%	521	32.88%	317	13.07%	126	964
IABP	64.56%	623	28.81%	278	6.63%	64	965
Autotransfusion	92.93%	894	5.41%	52	1.66%	16	962

\* Only "Yes" responses to Question 4 were allowed to answer Question 5.



# Question 6\*: Do you perform pediatric cases?

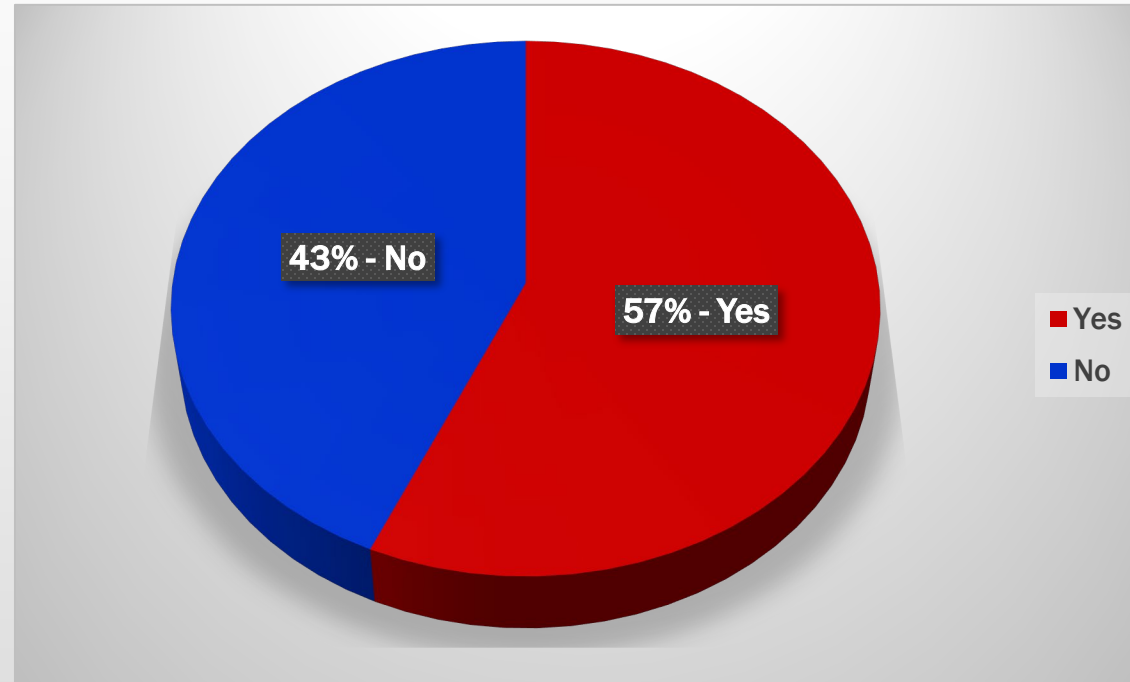


Answer Choices	Responses	
Yes	17.67%	355
No	82.33%	1654

\* Only "Yes" responses to Question 6 were allowed to answer Question 7.



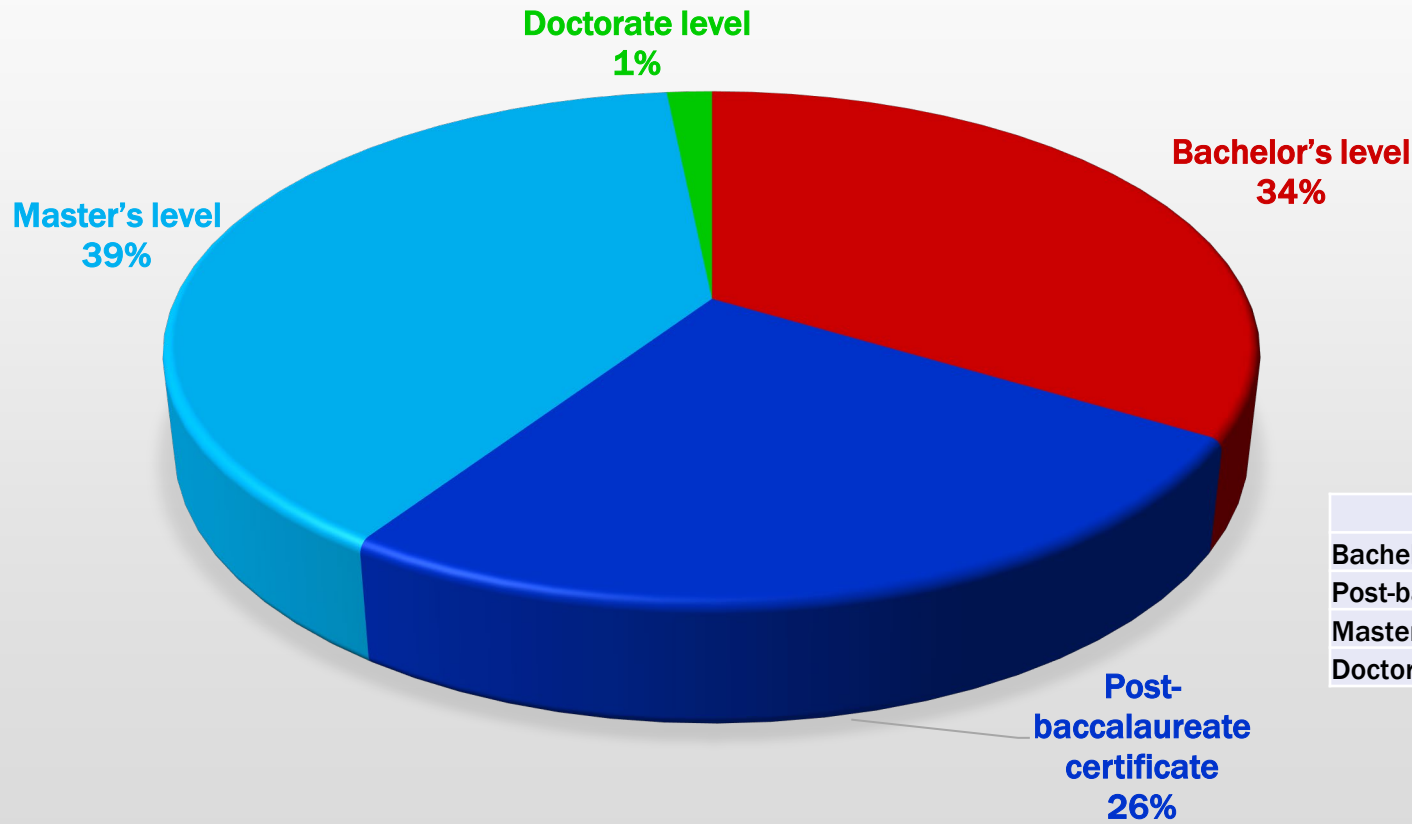
# Question 7\*: Would you hire a new graduate for your pediatric program?



Answer Choices	Responses	
Yes	56.58%	202
No	43.42%	155

\* Only "Yes" responses to Question 6 were allowed to answer Question 7.

# Question 8: What do you think the minimum education requirement should be for an entry level perfusionist?



Answer Choices	Responses	
Bachelor's level	33.63%	674
Post-baccalaureate certificate	25.70%	515
Master's level	39.07%	783
Doctorate level	1.60%	32

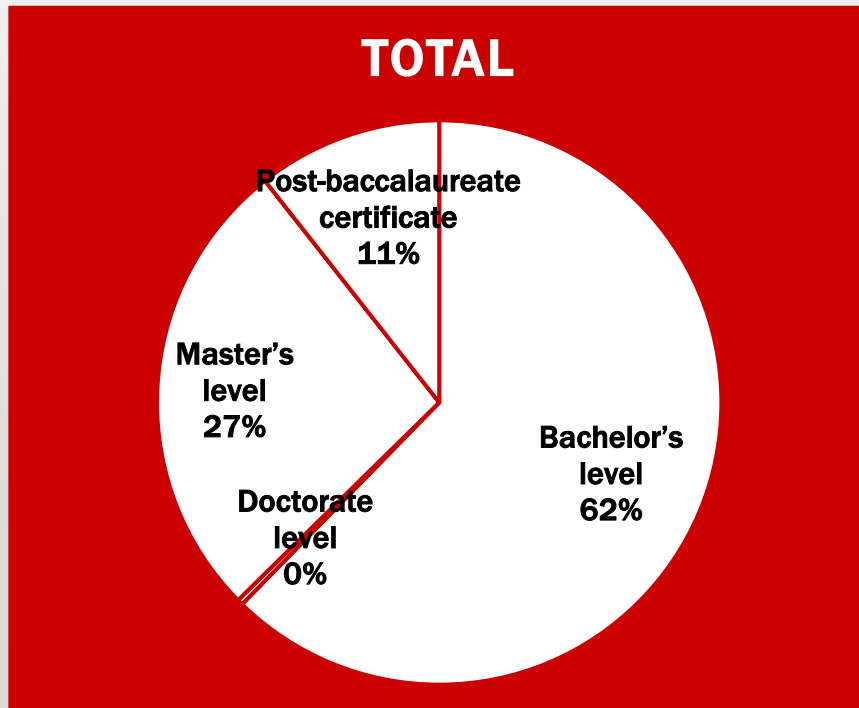
# Question 8: What do you think the minimum education requirement should be for an entry level perfusionist?

*cross-sectional analysis*



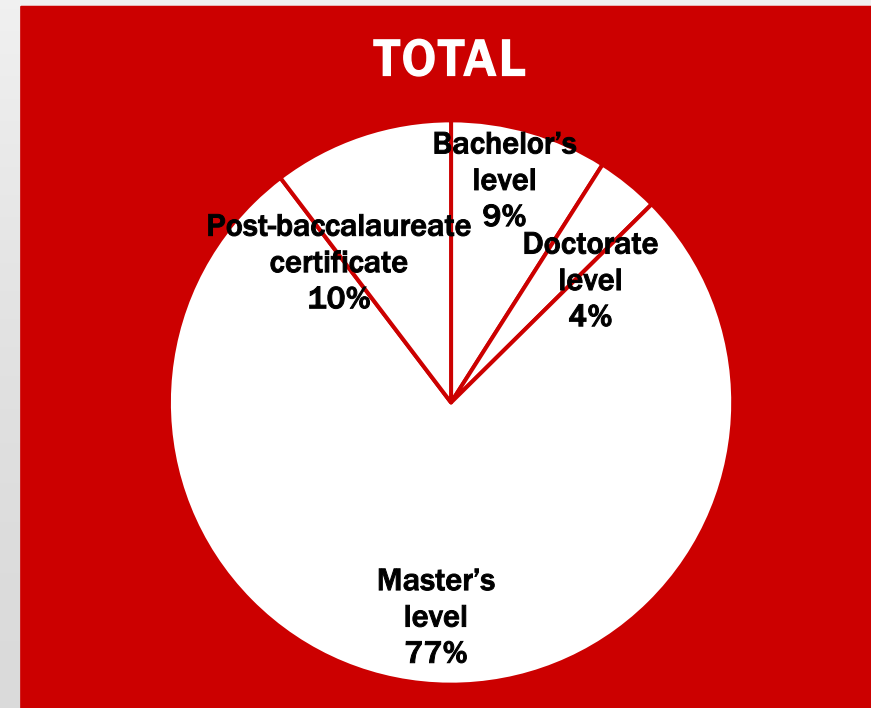
How CCPs who's perfusion training was obtained with a Bachelor's Degree

613 responses



How CCPs who's perfusion training was obtained with a Master's Degree

532 responses



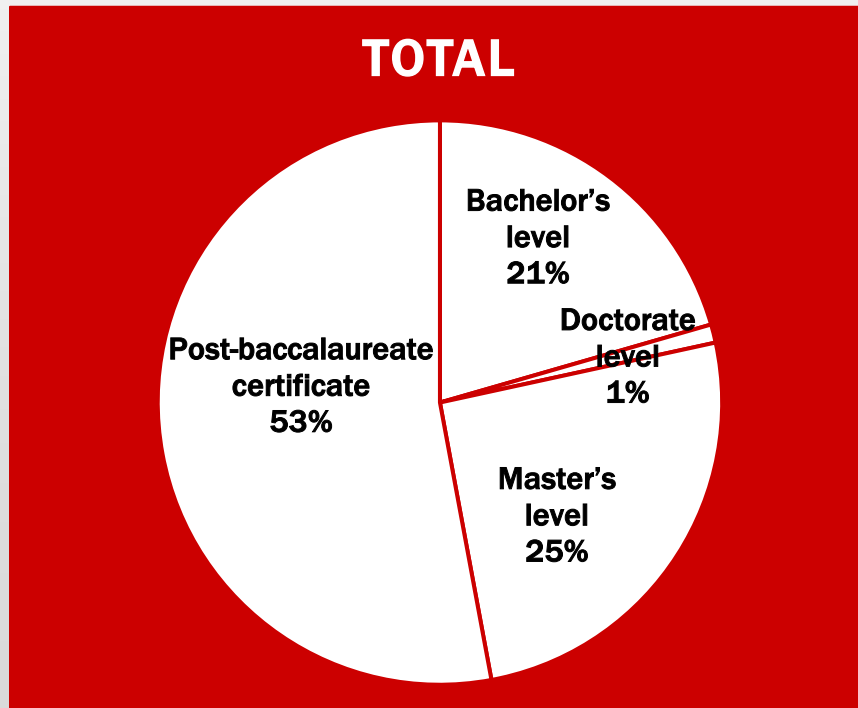
# Question 8: What do you think the minimum education requirement should be for an entry level perfusionist?

*cross-sectional analysis*



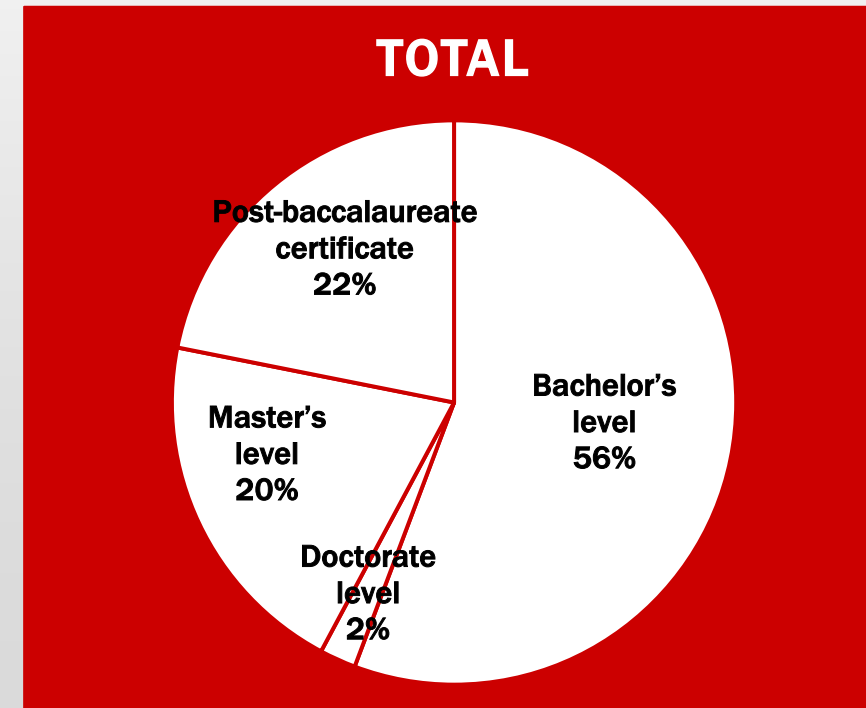
How CCPs who's perfusion training was obtained with a Post-Baccalaureate Certificate

667 responses



How CCPs who's perfusion training was obtained with a All other (Doctorate, On the job, blank)

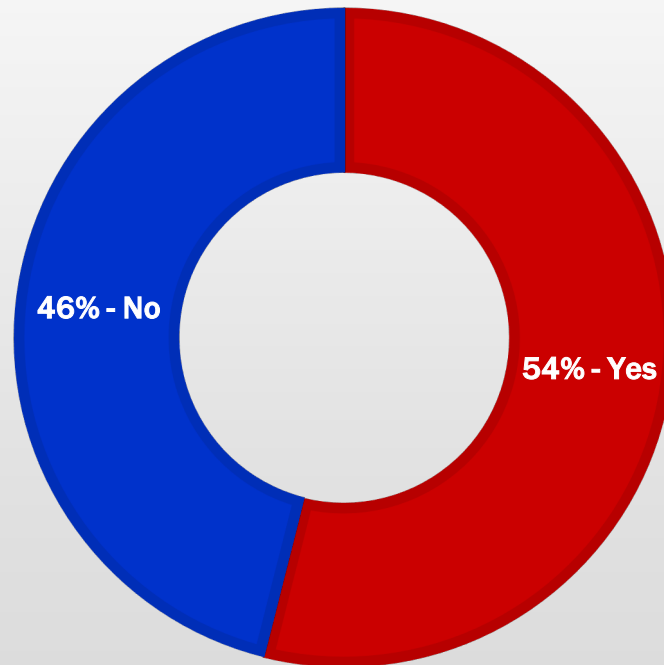
192 responses



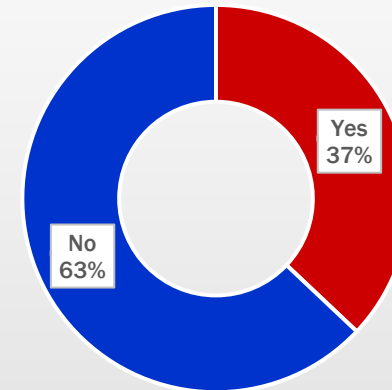
# Question 9\*: Are you a clinical site for perfusion students?



2023



2022



Answer Choices	Responses	
Yes	53.92%	1079
No	46.08%	922
	Answered	2001

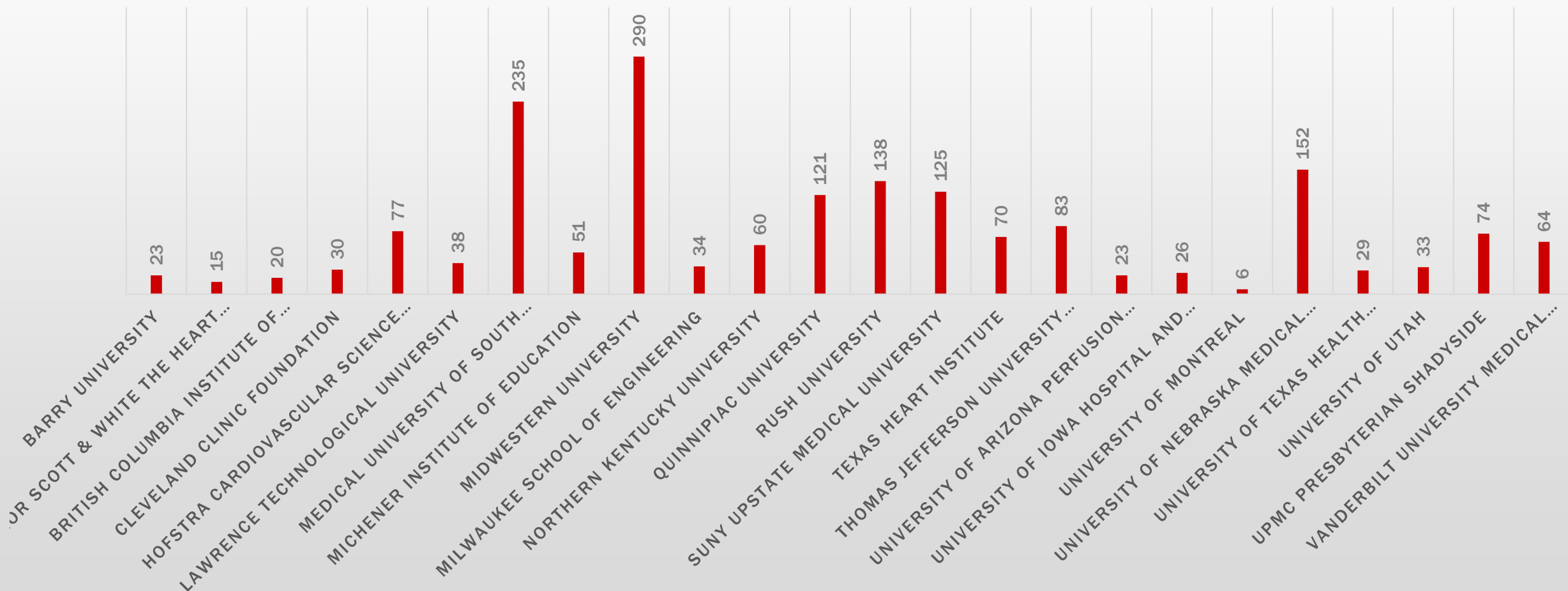
- “Yes” responses to Question 9 were allowed to answer Question 10.
- A “No” response sent you to Question 11.



# Question 10: What is the Perfusion Program Name(s)?

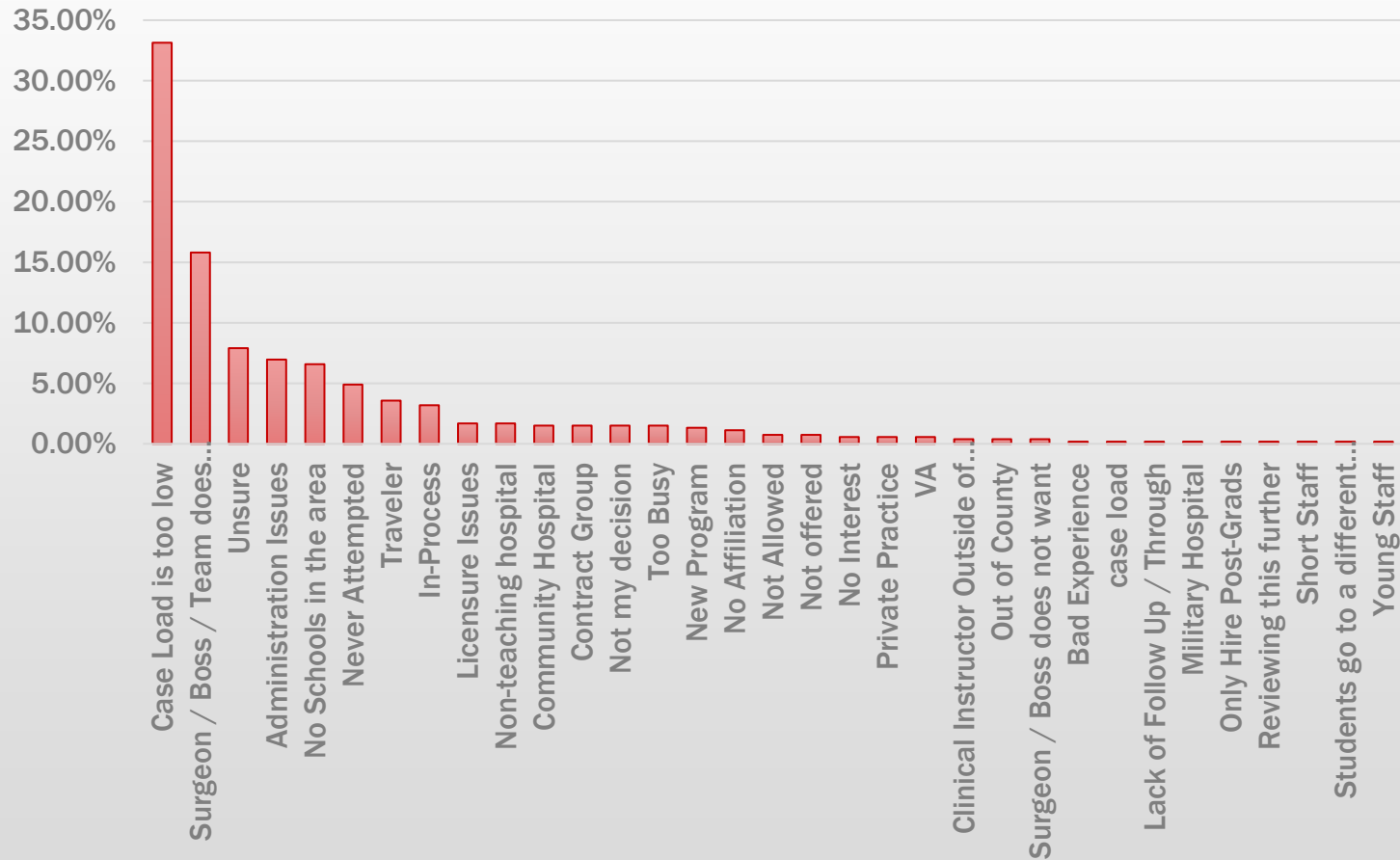


1028 Answered



\* Only "Yes" responses to Question 9 were allowed to answer Question 10.

# Question 11: What is the reason you are not a clinical site?

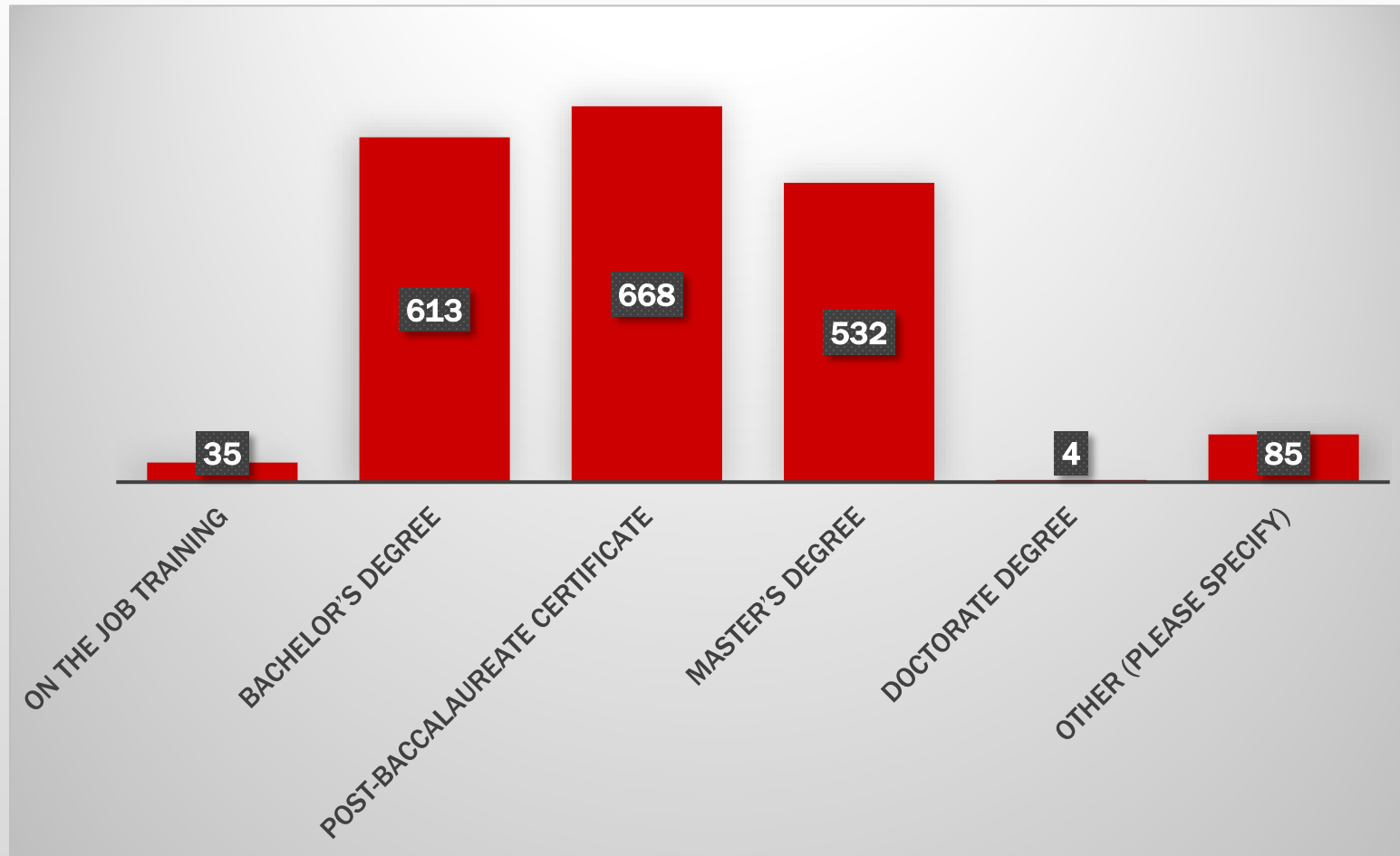


805 Answered

\* Only "No" responses to Question 9 were allowed to answer Question 11.



# Question 12: Education: My perfusion training was obtained with:



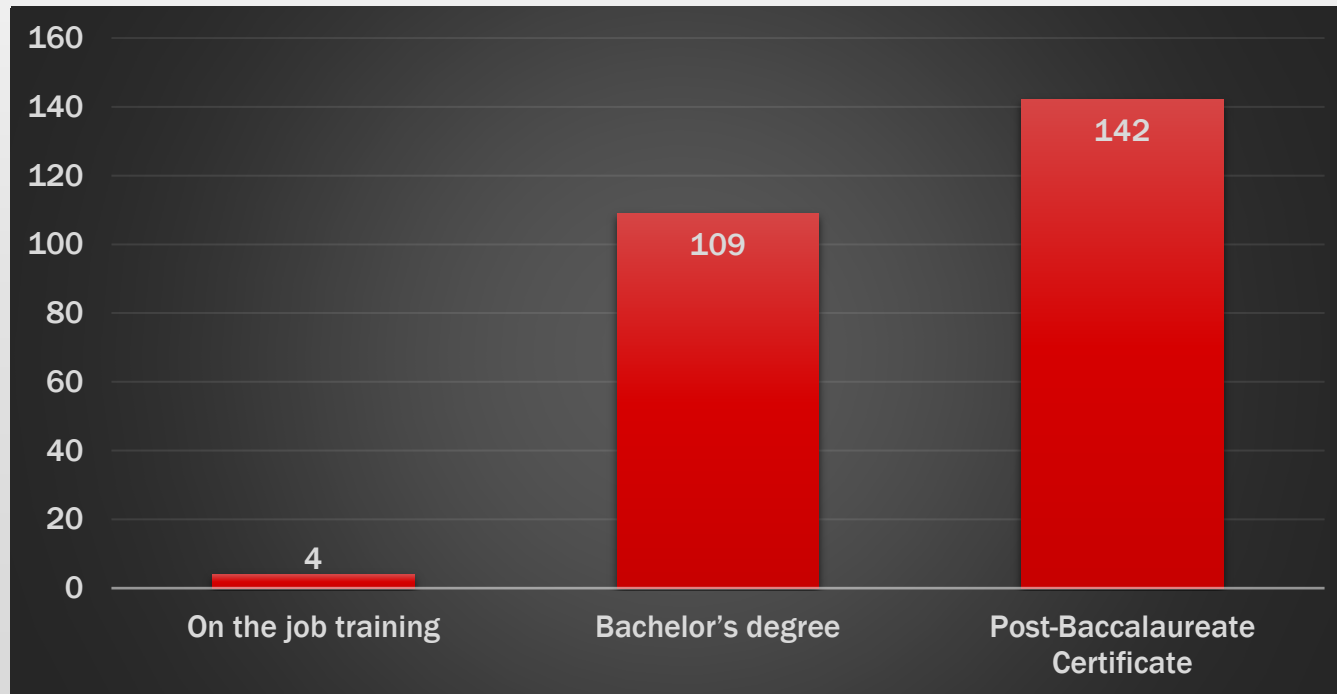
Answer Choices	Responses
On the job training	1.81% 35
Bachelor's degree	31.65% 613
Post-Baccalaureate Certificate	34.49% 668
Master's Degree	27.47% 532
Doctorate Degree	0.21% 4
Other (please specify)	4.39% 85
	Answered 1937

# Question 12: Education: My perfusion training was obtained with:

## *cross-sectional analysis*



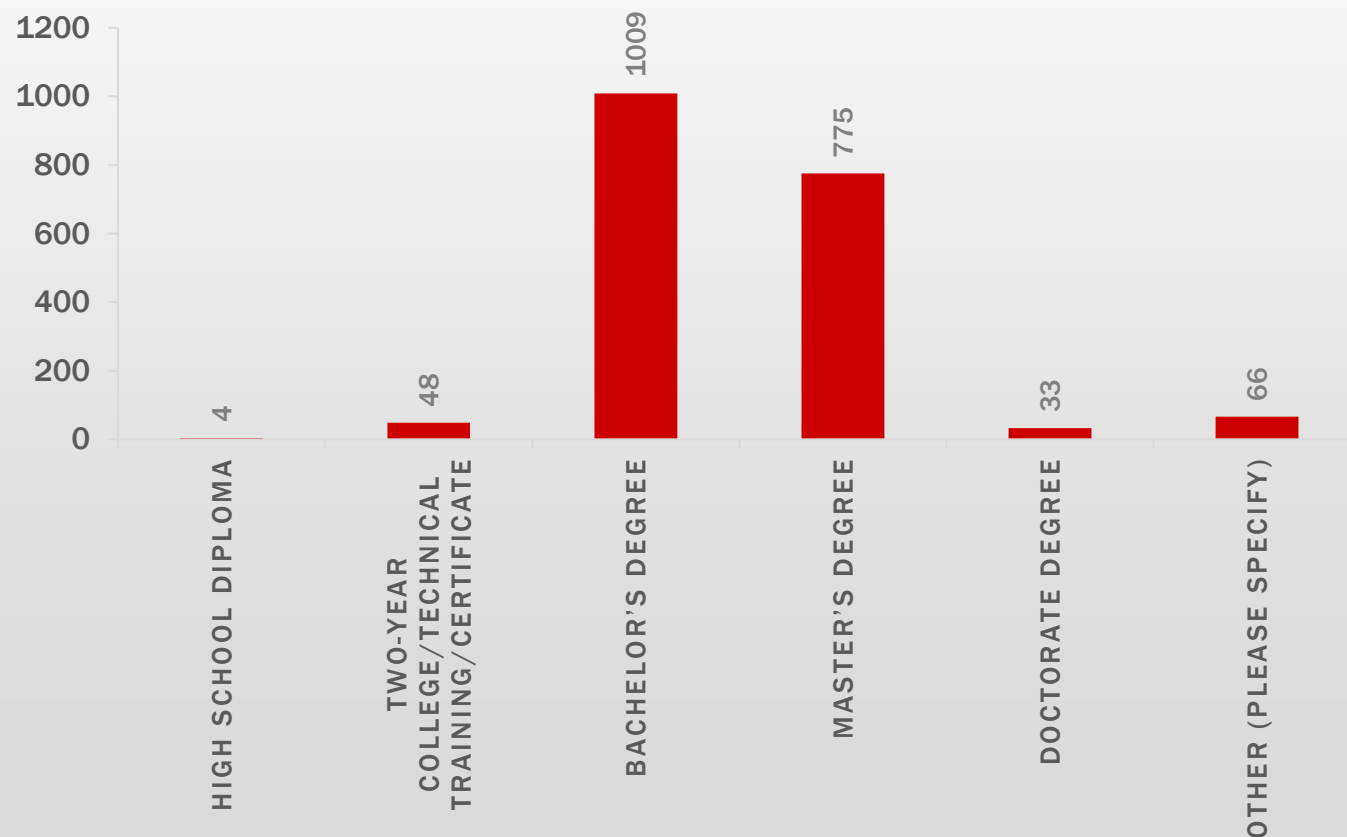
Of the 1316 CCPs who obtained perfusion training at a:  
Bachelor's degree, Post-Baccalaureate Certificate, or on the job training,  
255 went on to achieve a Masters degree.



	Went on to Achieve a Masters
On the job training	4
Bachelor's degree	109
Post-Baccalaureate Certificate	142
Total	255



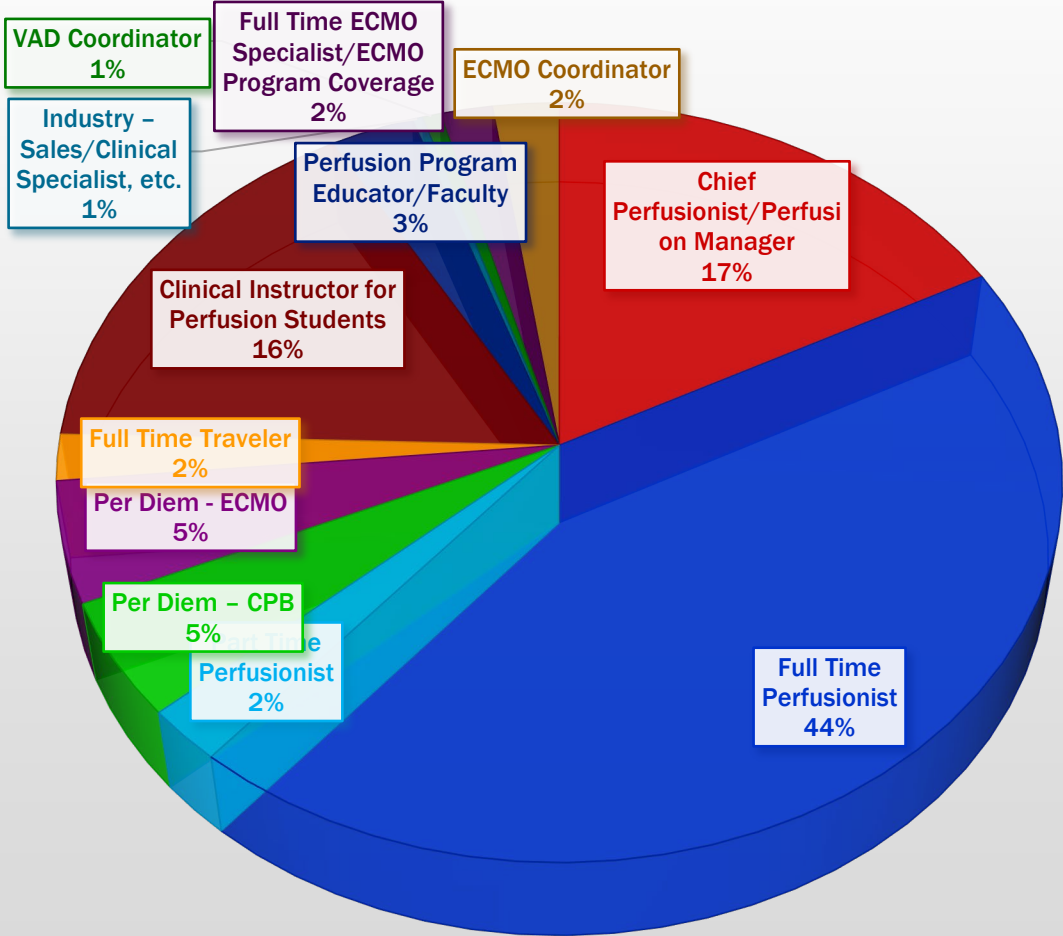
# Question 13: What is your highest level of formal education?



Answer Choices	Responses
High school diploma	0.21% 4
Two-year college/technical training/certificate	2.48% 48
Bachelor's degree	52.14% 1009
Master's Degree	40.05% 775
Doctorate Degree	1.71% 33
Other (please specify)	3.41% 66
<b>Answered</b>	<b>1935</b>

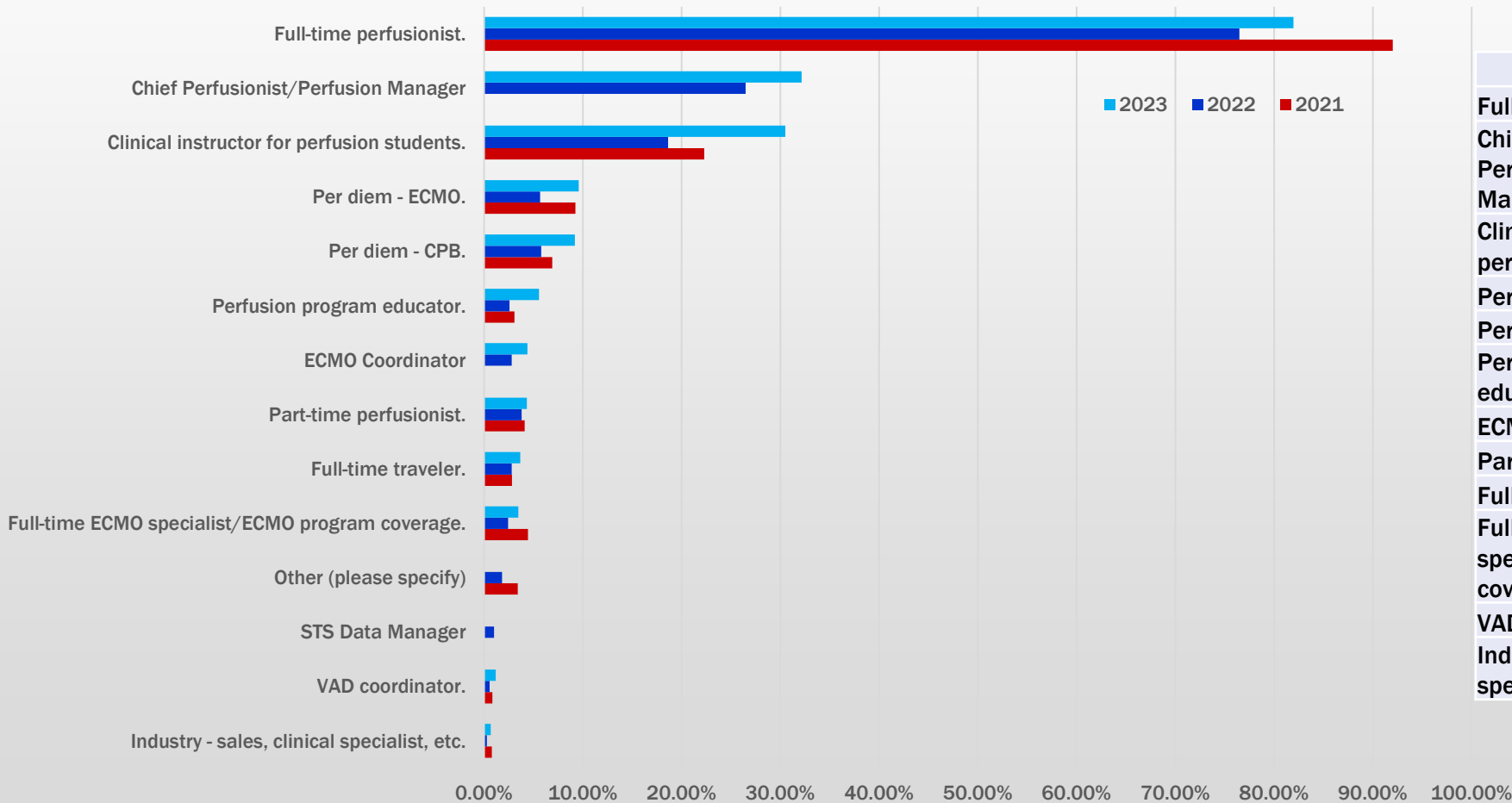
Of the 66 “other,” the responses were “Post-Baccalaureate” or “Certificate” – 33 responses

# Question 14: Please select the role(s) you hold within the profession? (Select all that apply.)



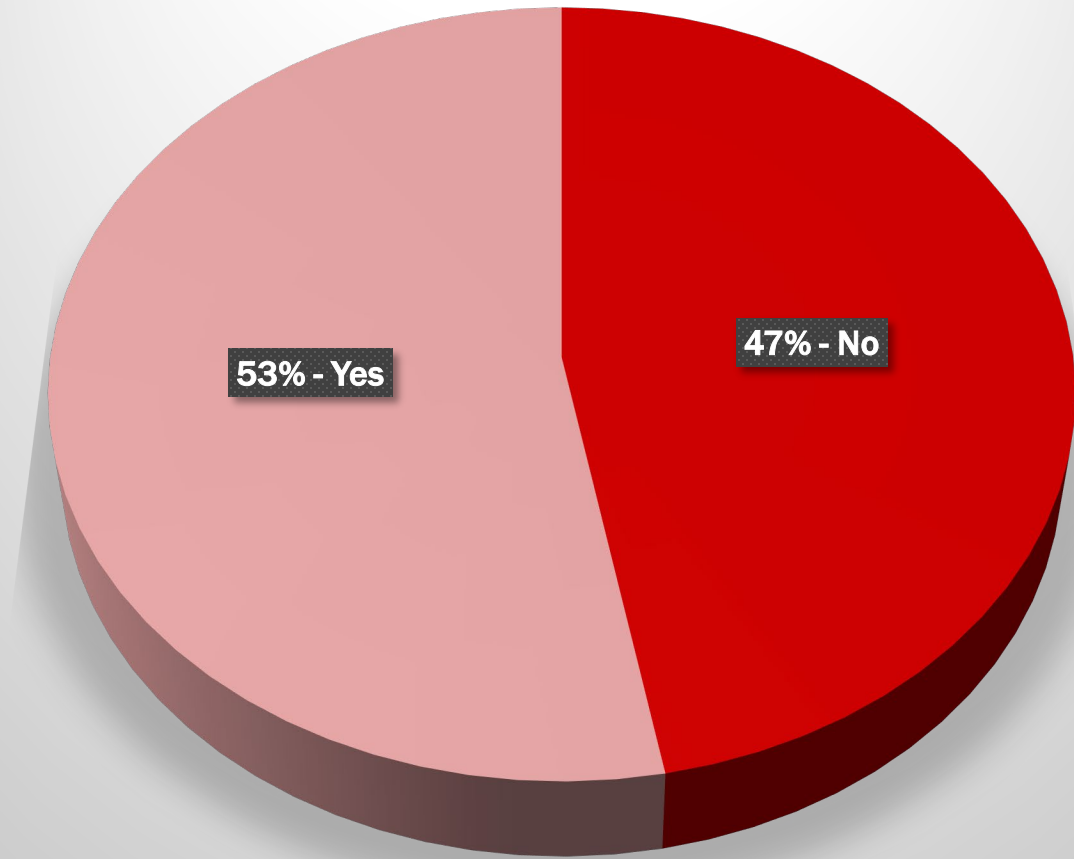
Answer Choices	Responses	Count
Chief Perfusionist/Perfusion Manager	32.16%	623
Full Time Perfusionist	81.98%	1588
Part Time Perfusionist	4.34%	84
Per Diem - CPB	9.19%	178
Per Diem - ECMO	9.60%	186
Full Time Traveler	3.67%	71
Clinical Instructor for Perfusion Students	30.51%	591
Perfusion Program Educator/Faculty	5.58%	108
Industry - Sales/Clinical Specialist, etc.	0.67%	13
VAD Coordinator	1.19%	23
Full Time ECMO Specialist/ECMO Program Coverage	3.46%	67
ECMO Coordinator	4.39%	85
<b>Answered</b>		<b>1937</b>

# Question 14: 3-year review on the role(s) you hold within the profession?



	2023	2022	2021
Full-time perfusionist.	81.98%	76.49%	92.01%
Chief Perfusionist/Perfusion Manager	32.16%	26.49%	
Clinical instructor for perfusion students.	30.51%	18.64%	22.29%
Per diem - ECMO.	9.60%	5.67%	9.25%
Per diem - CPB.	9.19%	5.78%	6.91%
Perfusion program educator.	5.58%	2.58%	3.08%
ECMO Coordinator	4.39%	2.79%	
Part-time perfusionist.	4.34%	3.80%	4.12%
Full-time traveler.	3.67%	2.79%	2.82%
Full-time ECMO specialist/ECMO program coverage.	3.46%	2.43%	4.46%
VAD coordinator.	1.19%	0.56%	0.85%
Industry - sales, clinical specialist, etc.	0.67%	0.30%	0.78%

# Question 15: Do you receive call pay?



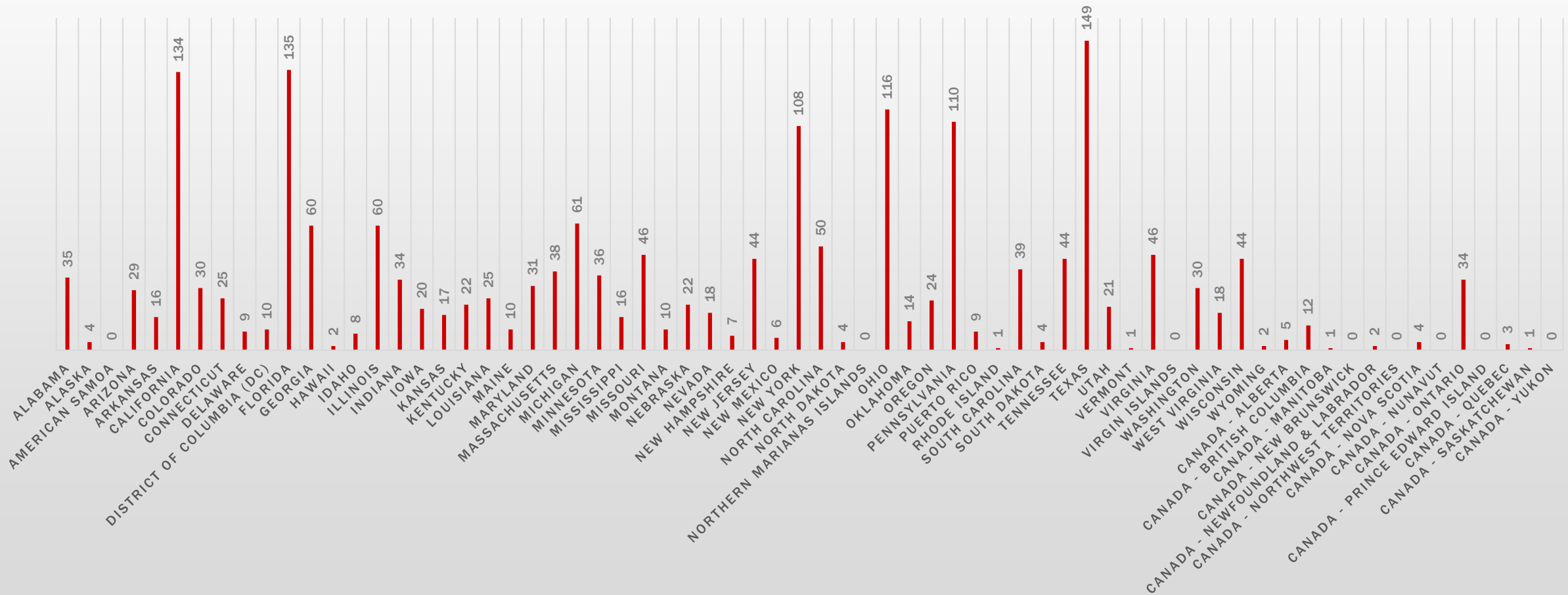
Answer Choices	Responses	
Yes	47.06%	903
No	52.94%	1016
	Answered	1919



# Question 16: In which state do you primarily practice?

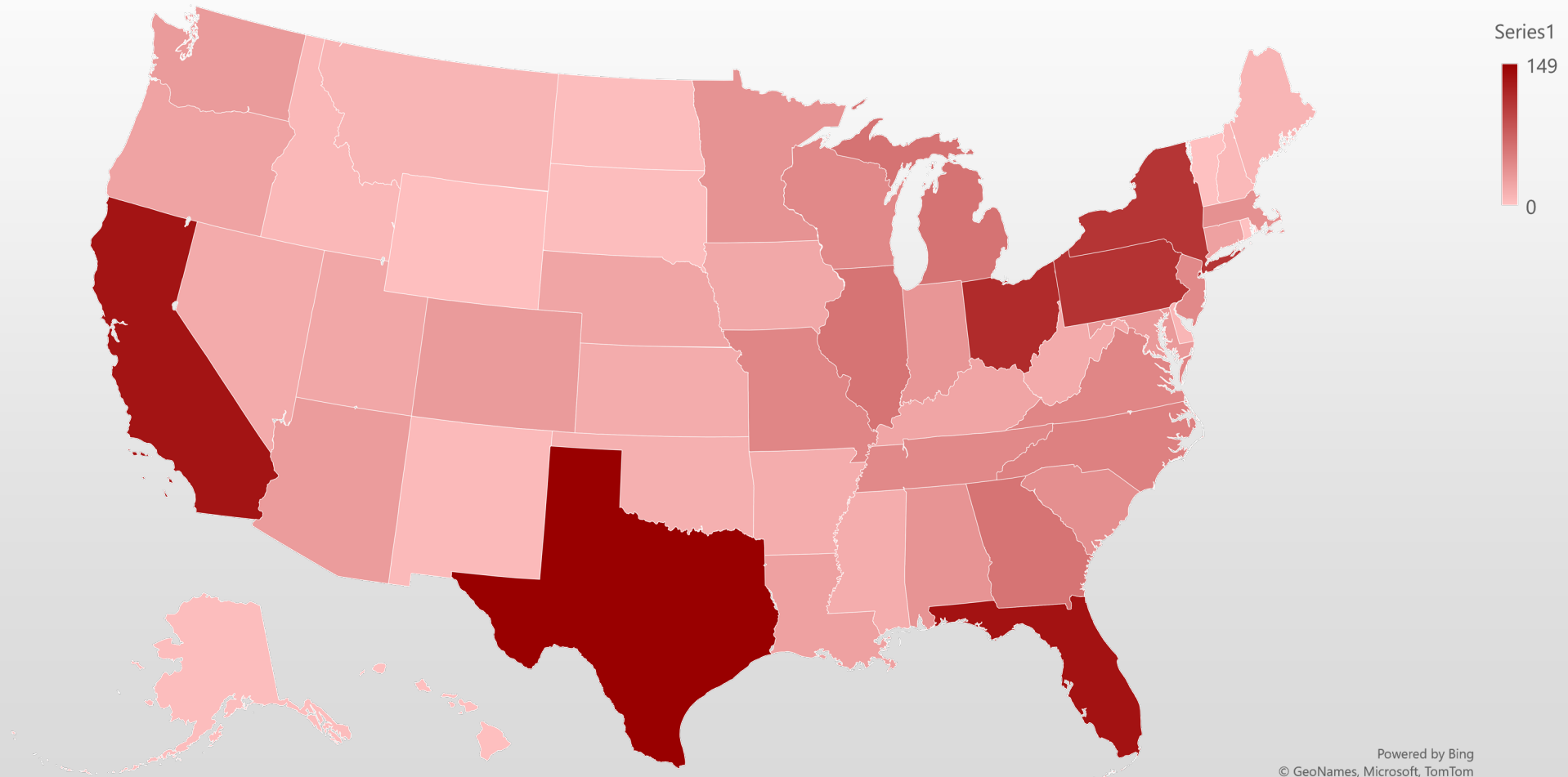


1916 Answered





# Question 16: In which state do you primarily practice? Heat map on CCP population.

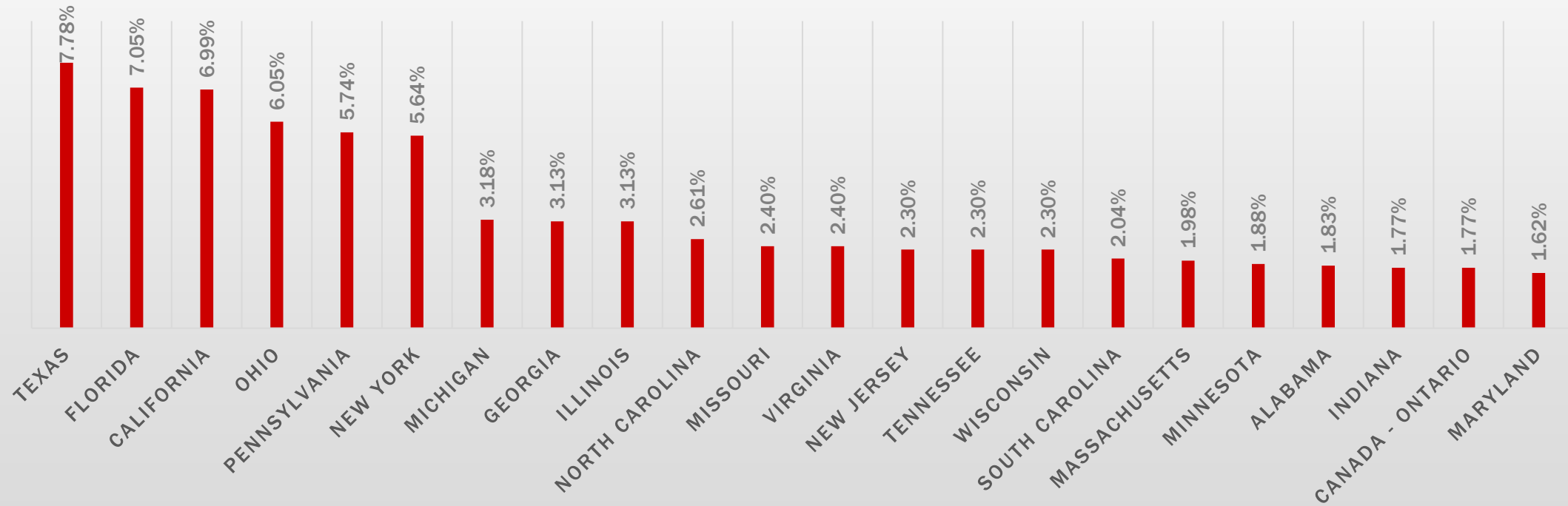


Heat map is limited to those responses in the United States.

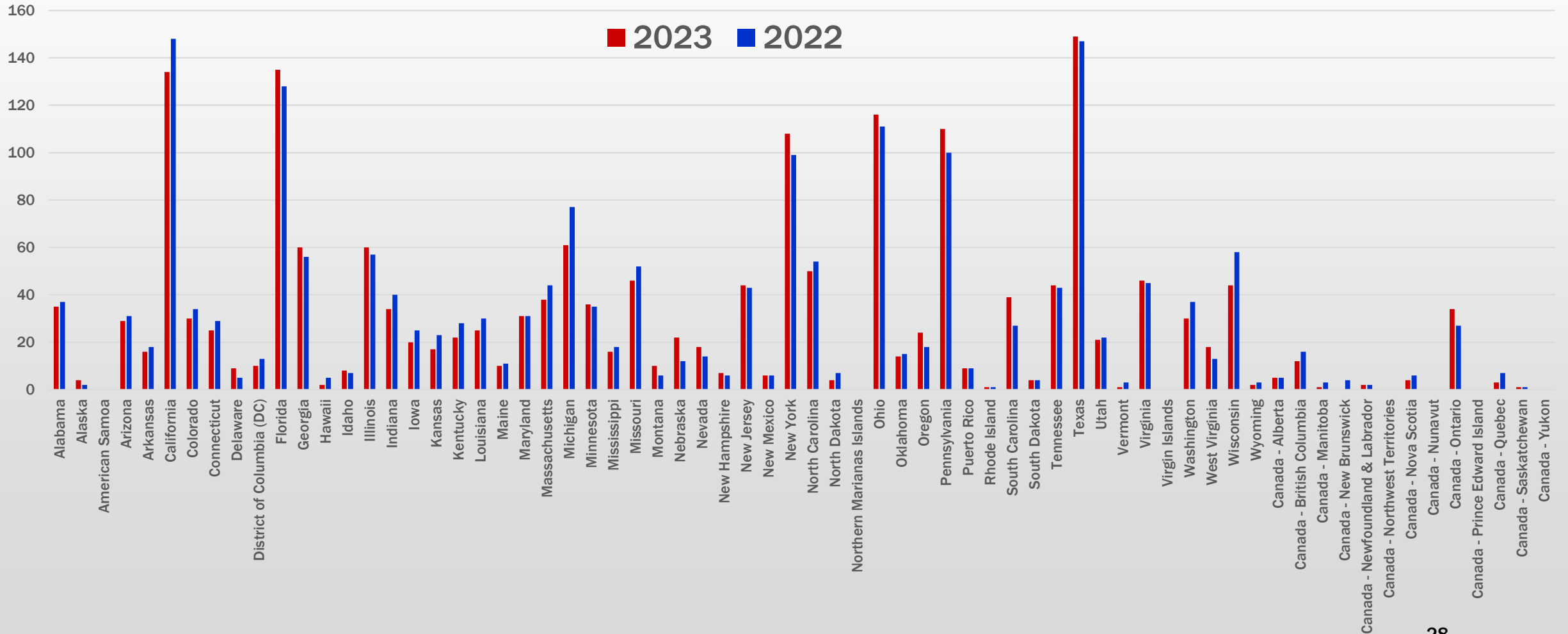
# Question 16: In which state do you primarily practice?



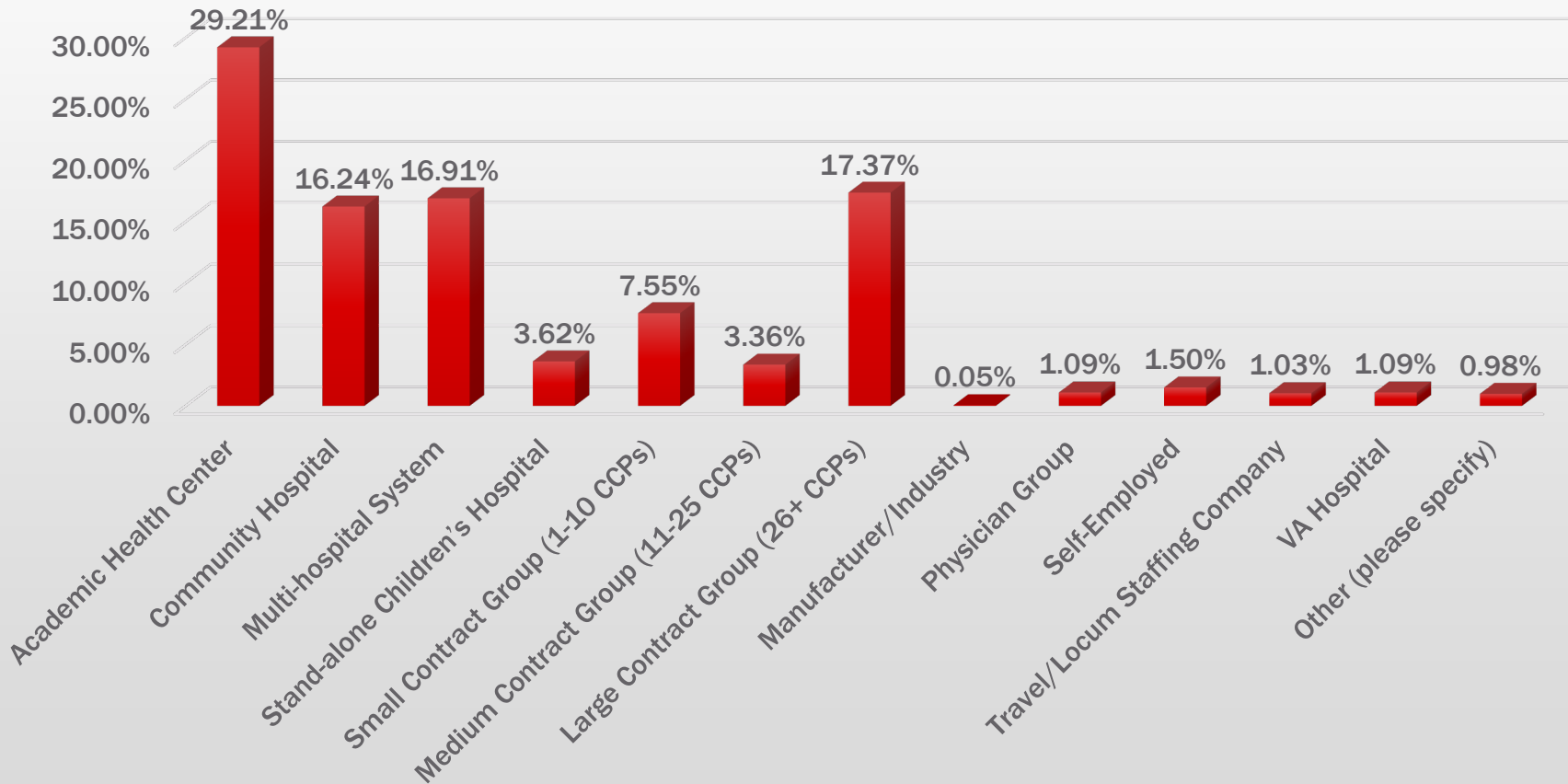
- Majority of CCPs live in these 22 states / provinces:



# Question 16: Location 2023 vs. 2022

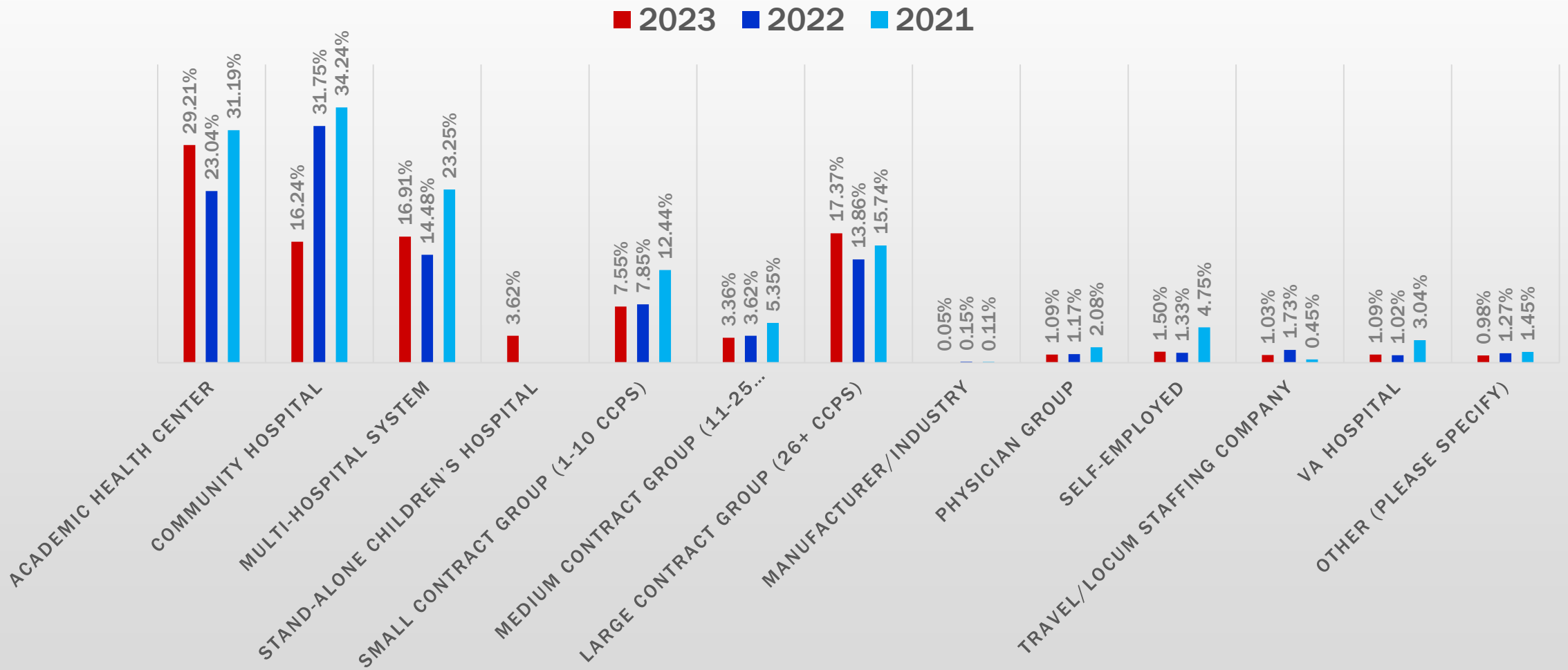


# Question 17: Select the option that best describes your primary employer:

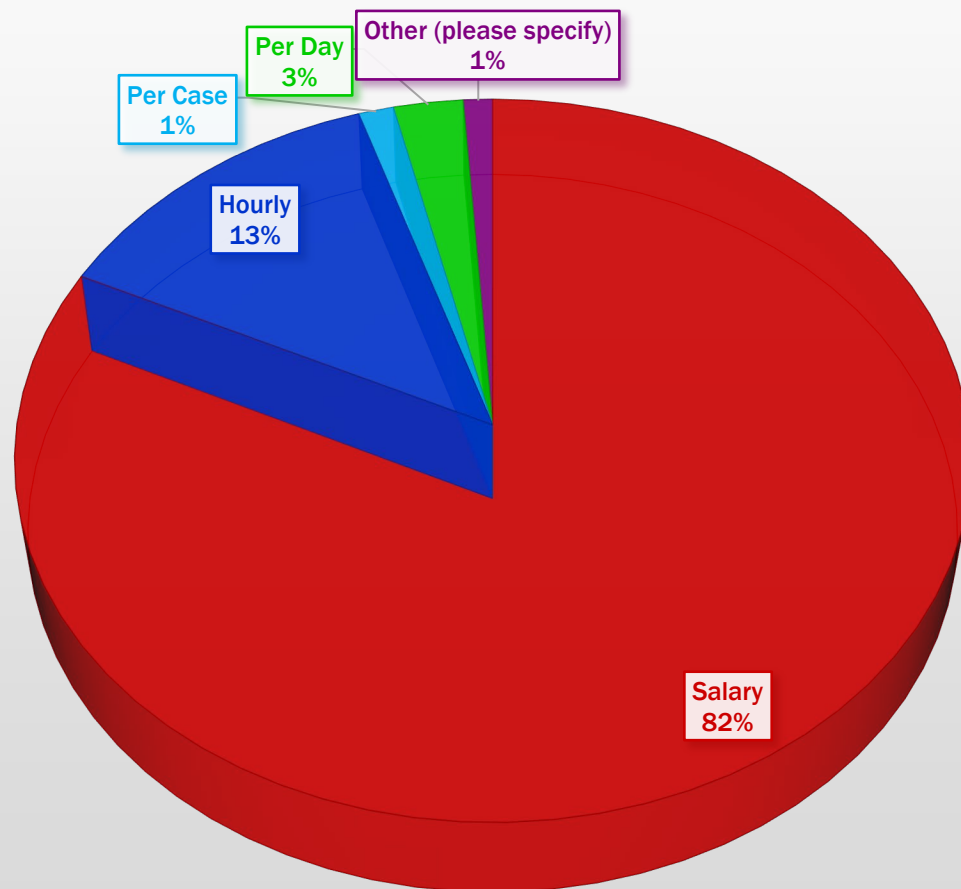


Answer Choices	Responses	
Academic Health Center	29.21%	565
Community Hospital	16.24%	314
Multi-hospital System	16.91%	327
Stand-alone Children's Hospital	3.62%	70
Small Contract Group (1-10 CCPs)	7.55%	146
Medium Contract Group (11-25 CCPs)	3.36%	65
Large Contract Group (26+ CCPs)	17.37%	336
Manufacturer/Industry	0.05%	1
Physician Group	1.09%	21
Self-Employed	1.50%	29
Travel/Locum Staffing Company	1.03%	20
VA Hospital	1.09%	21
Other (please specify)	0.98%	19
	<b>Answered</b>	<b>1934</b>

# Question 17: 3-year review of the option that best describes your primary employer.



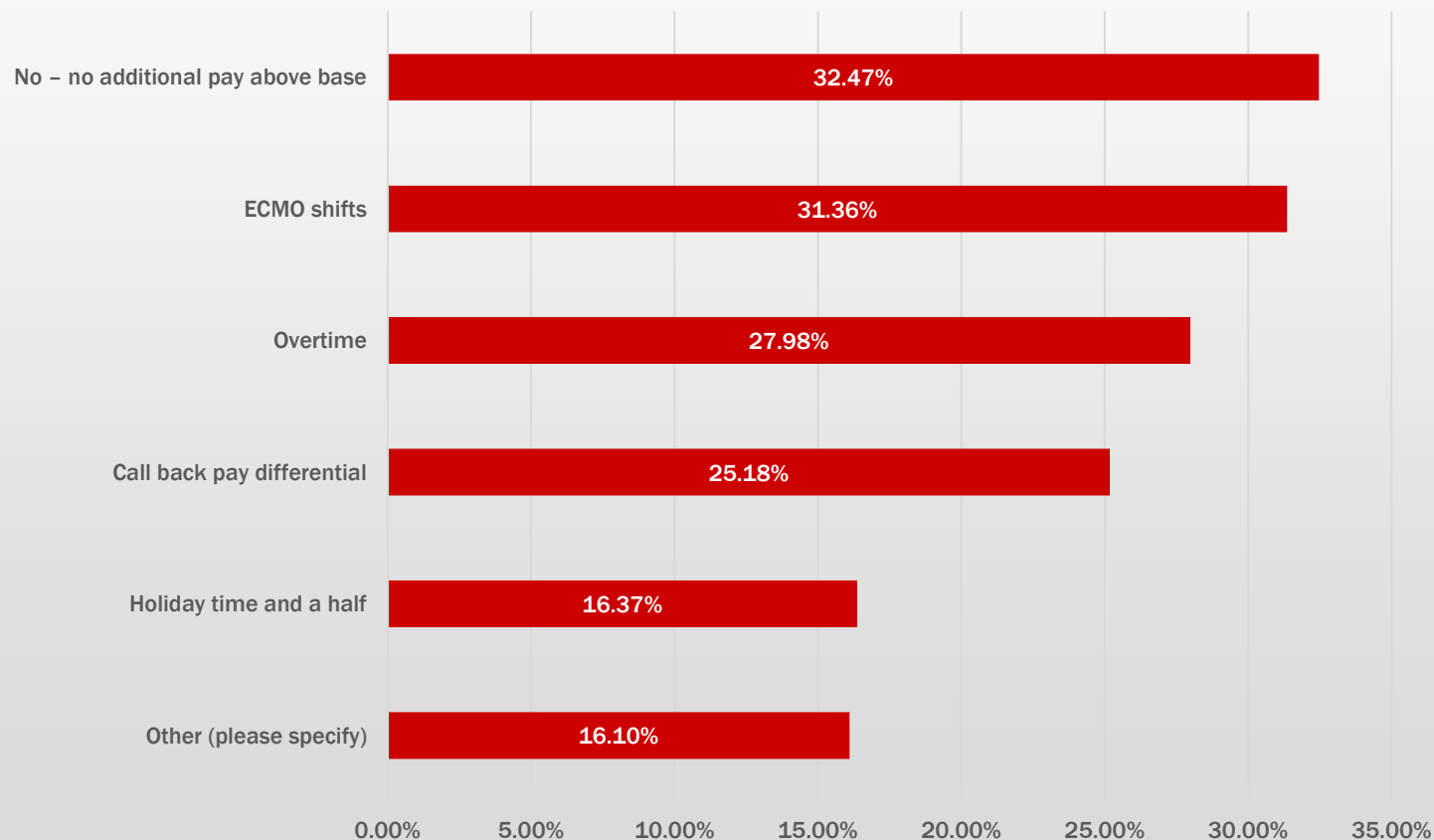
# Question 18: Is your base pay:



Answer Choices	Responses	
Salary	82.12%	1585
Hourly	12.90%	249
Per Case	1.30%	25
Per Day	2.59%	50
Other (please specify)	1.09%	21
	<b>Answered</b>	<b>1930</b>



# Question 19: Do you receive additional compensation for (select all that apply):



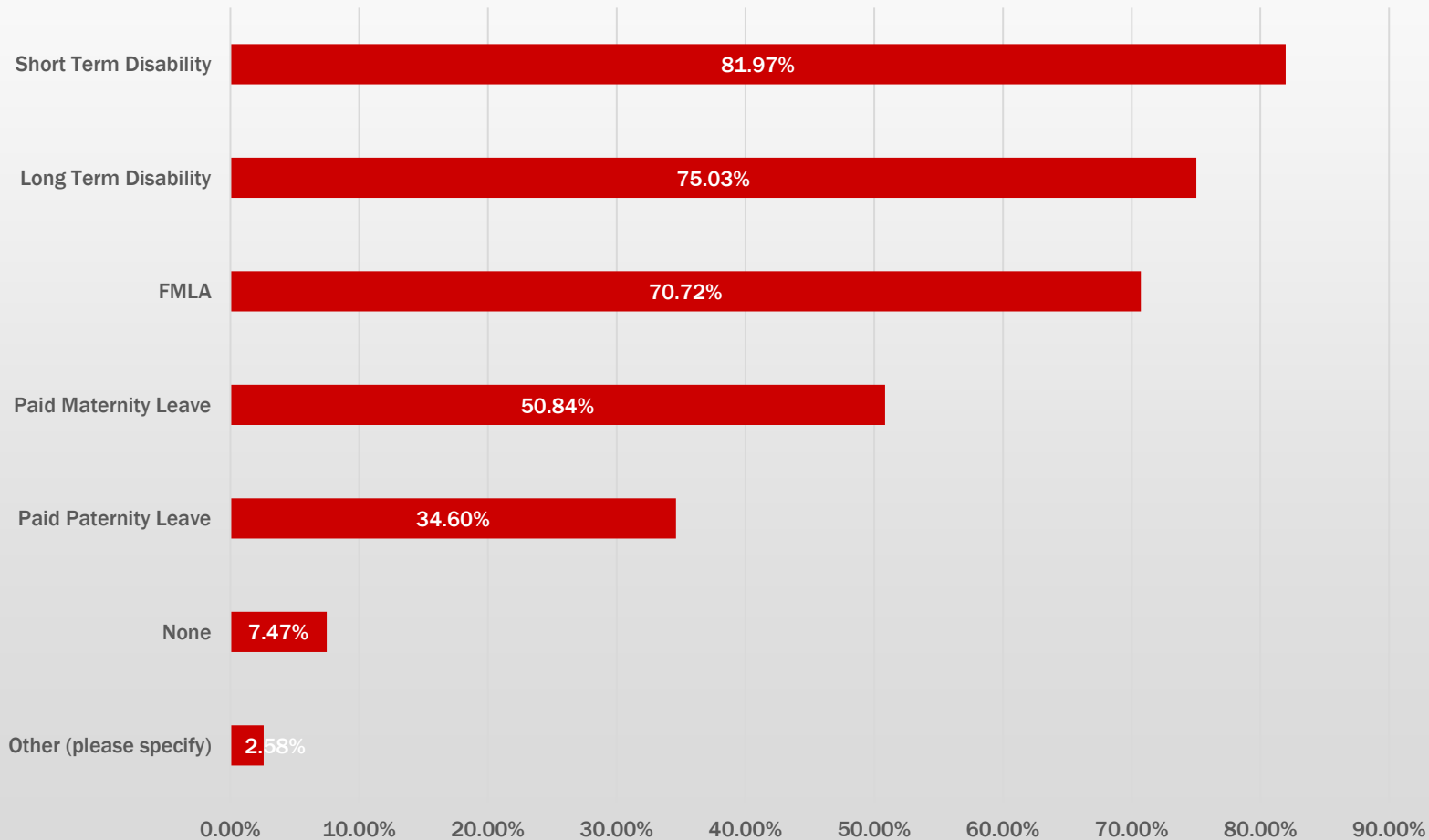
Answer Choices	Responses	
Overtime	27.98%	530
Call back pay differential	25.18%	477
Holiday time and a half	16.37%	310
ECMO shifts	31.36%	594
No – no additional pay above base	32.47%	615
Other (please specify)	16.10%	305
	Answered	1894

**Other response was a mix of Bonus Pay, Call Back Pay, or a mix of call back with a qualification like “only Saturday & Sunday”**



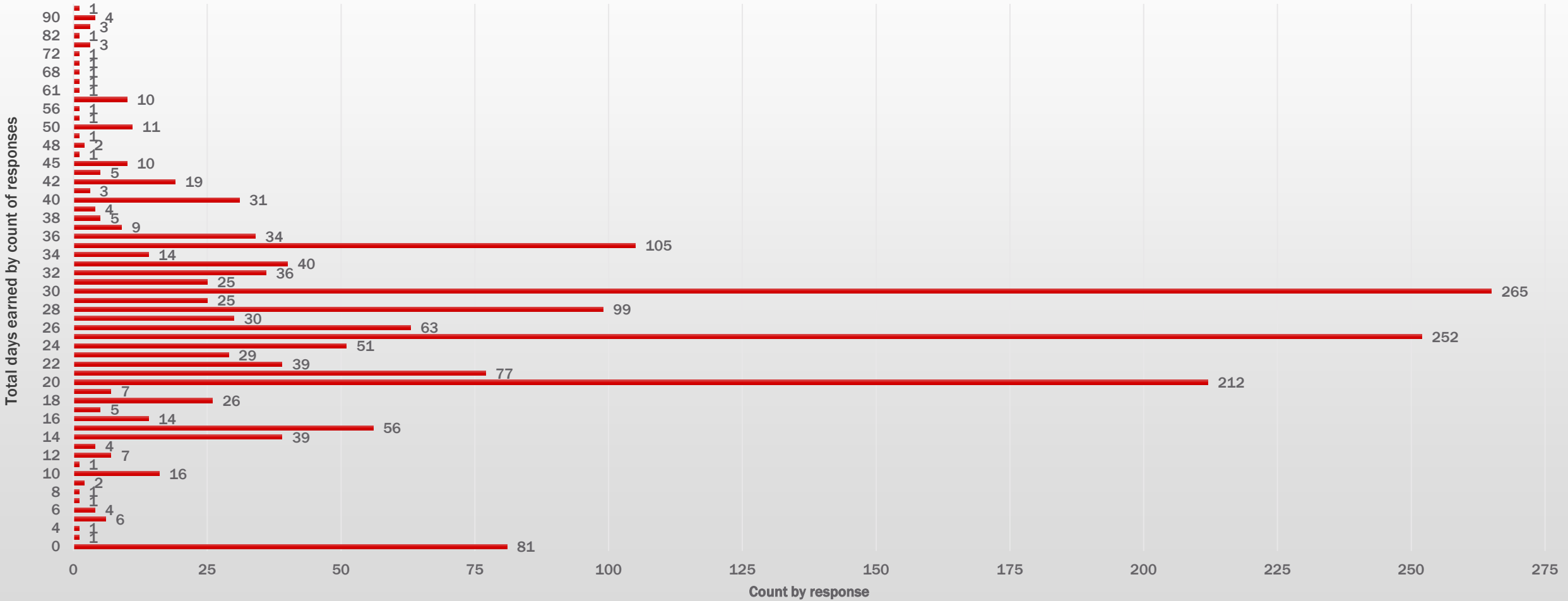


# Question 20: Which of the following leave options does your employer provide?



Answer Choices	Responses	
Short Term Disability	81.97%	1559
Long Term Disability	75.03%	1427
FMLA	70.72%	1345
Paid Maternity Leave	50.84%	967
Paid Paternity Leave	34.60%	658
None	7.47%	142
Other (please specify)	2.58%	49
	<b>Answered</b>	<b>1902</b>

# Question 21: How many total days of earned time off (PTO/PDO) do you receive in a year?



**American Board of  
Cardiovascular  
Perfusion**

**2023 Annual Survey**

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