

Appendix A – Data tables for closed-ended survey questions

**Q2. What is your role/job title?**

Response	Percent
Owner	54%
Director/Executive Director	36%
Coach/Instructor	26%
Artistic Director	10%
Founder	9%
Program Director	7%
CEO	5%
President	4%
Vice President	3%
Program Coordinator/Manager	2%
Operations	2%
Administration	2%
General Manager	2%
Other	7%

n=139

**Q3. Where are you (or your headquarters) located? State/Province:**

Response	Count	Percent
Alabama	0	0%
Alaska	3	2%
Arizona	5	4%
Arkansas	0	0%
California	20	14%
Colorado	3	2%
Connecticut	4	3%
Delaware	0	0%
District of Columbia	1	1%
Florida	12	9%
Georgia	3	2%
Hawaii	0	0%
Idaho	0	0%
Illinois	6	4%
Indiana	3	2%
Iowa	0	0%
Kansas	1	1%

**Q3. Where are you (or your headquarters) located? State/Province: (continued)**

Response	Count	Percent
Kentucky	1	1%
Louisiana	1	1%
Maine	0	0%
Maryland	2	1%
Massachusetts	11	8%
Michigan	2	1%
Minnesota	3	2%
Mississippi	0	0%
Missouri	1	1%
Montana	1	1%
Nebraska	1	1%
Nevada	3	2%
New Hampshire	1	1%
New Jersey	1	1%
New Mexico	3	2%
New York	10	7%
North Carolina	6	4%
North Dakota	0	0%
Ohio	4	3%
Oklahoma	1	1%
Oregon	3	2%
Pennsylvania	3	2%
Rhode Island	0	0%
South Carolina	0	0%
South Dakota	0	0%
Tennessee	2	1%
Texas	7	5%
Utah	1	1%
Vermont	3	2%
Virginia	1	1%
Washington	4	3%
West Virginia	0	0%
Wisconsin	2	1%
Wyoming	0	0%

n=139

**Q4. In what year was your company or program founded?**

Response	Percent
1980s and prior	11%
1990-2004	13%
2005-2009	19%
2010-2014	24%
2015-2019	33%
<i>Mean</i>	<i>2007</i>
<i>Median</i>	<i>2011</i>

n=138

**Q6. Did your company/program provide circus education in 2019?**

Response	Percent
Yes*	100%

n=140

\*Respondents were required to answer “Yes” to be included in analysis. Three respondents who responded “No” or “I don’t know” to Q6 were not shown the rest of the survey and are not included in this analysis.

**Q7. [If selected “No” or “I’m not sure” in Q6] What type of education or programming does your company/program provide?**

*No responses*

**Q8. How is your company or organization legally structured?**

Response	Percent
LLC	51%
Nonprofit	26%
For-profit corp.	9%
Sole proprietor	7%
Other	7%

n=140

**Q9. In 2019, how many people did you have working on your circus programs at any one time? (Please include all staff--administrators, teachers, maintenance staff, leadership, etc.)**

Type of worker	Range	Median	Mean
Full-time employees	0-100	1	2.7
Part-time employees	0-80	2	8.6
Freelancer/independent contractors	0-100	3	6.2
Volunteers	0-1110	0	15.3
<i>Total paid workers</i>	0-200	11	17.6

n=137

**Q11. Please give your best estimate for what percent of your 2019 staff are in the following racial/ethnic categories.**

Category	Mean
White	76%
Latinx	7%
Black	7%
Multiracial	5%
Asian/Pacific Islander	4%
American Indian	<1%

n=133

**Q12. About what percent of your 2019 staff are the following genders?**

Category	Mean
Female	75%
Male	22%
Non-binary, trans, other	3%

n=136

**Q13. In 2019, what was your overall yearly budget for all circus programs including staff?**

Statistic	Value
Range	\$0 - \$35,000,000
Median	\$120,000
Mean	\$611,654
<i>Total across respondents</i>	<i>\$65,447,028</i>

n=103

**Q14. In 2019, did you receive funding from any of the following sources? Please select all that apply.**

Response	Percent
Private donations	37%
Foundations and Corporations	22%
Government grants	22%
Other sources	0%
None of the above	59%

n=134

**Q15. What types of program structures did your company or organization have in 2019? Please select all that apply.**

Response	Percent
Workshops	82%
Private lessons	81%
Youth recreational classes	80%
Adult recreational classes	75%
Custom professional performances (gigs)	60%
Youth day camps	59%
Youth performing troupe	47%
Adult performing troupe	37%
Social circus	33%
Pre-professional or professional training program	29%
Residencies	27%
Youth sleepaway camps	1%
Other (please specify)	22%

n=139

**Q16. How has COVID-19 impacted your company/program so far? Please select all that apply.**

Response	Percent
Cancelled regular classes	89%
Cancelled/postponed performances	81%
Cancelled/postponed special workshops	77%
Used financial reserves	68%
Moved classes online	60%
Offered credit for cancelled classes/workshops	58%
Laid off or furloughed staff/employees	58%
Offered refunds for cancelled classes/workshops	55%
Reduced salaries/payroll	52%
Increased expenses (e.g. from cleaning, videoconferencing, increased admin staff time for planning, etc.)	47%
Moved workshops online	24%
Refunded tickets for cancelled performances	21%
Moved performances online	18%
Permanently closed/suspended operations	10%
Other	17%
No impact	1%

n=139

**Q17. Compared to this same time last year, how much programming is your company/program offering?**

Response	Percent
None	27%
About a quarter	47%
About half	13%
About three-quarters	7%
About the same amount	7%

n=135

**Q18. Compared to this same time last year, how much income is your company/program taking in?**

Response	Percent
None	35%
About a quarter	41%
About half	14%
About three-quarters	5%
About the same amount	5%

n=133

**Q19. What is your best estimate of the loss of income you’ve experienced from COVID-19 so far?**

Statistic	Value
Range	\$0 - \$1,600,000
Median	\$30,000
Mean	\$109,953
<i>Total across respondents</i>	<i>\$12,864,538</i>

n=117

**Q20. Have you done any of the following to access additional income or reduce expenses because of COVID-19? (Please select all that apply.)**

Response	Percent
Applied for CARES Act financial assistance	75%
Applied for state or local COVID-19 financial assistance	51%
Negotiated reduced/delayed rent or mortgage payments	41%
Launched a fundraiser or crowd-funding	31%
Negotiated reduced insurance costs	26%
Other	18%
None of the above*	10%

n=138\*

\*Due to an error, “none of the above” was not included as a possible answer choice for Q20. Here, “none of the above” is estimated by calculating the percentage of respondents who did not select any options for Q20 but who did respond to Q21. (138 respondents answered Q21, while 124 selected a response in Q20. We presume that those 14 who responded about aid received but did not select a response for Q20 did not employ any of those strategies.)

**Q21. Have you received any COVID-19 financial assistance from federal, state, or local sources? (Please select all that apply.)**

Response	Percent
Yes, federal	62%
Yes, local	12%
Yes, state	11%
Yes, other	10%
No	30%

n=138

**Q22. How severe do you expect the overall financial impact of the coronavirus to be on your organization? [scale: 1-Not severe at all; 5- Extremely severe]**

Response	Percent
1 - Not severe at all	3%
2	3%
3	25%
4	30%
5 - Extremely severe	39%

n=139

**Q23. Overall, how confident are you that your organization will survive the impact of COVID-19? [scale: 1-Not at all confident; 5- Extremely confident]**

Response	Percent
1 - Not at all confident	5%
2	12%
3	35%
4	30%
5 - Extremely confident	18%

n=139

**Q25. Within all your circus education programs, about how many individual participants did you have in 2019?**

Statistic	Value
Range	8 - 5,000
Median	200
Mean	630
<i>Total across respondents</i>	<i>81,244</i>

n=129



**Q26. For how many hours each week did your average student participate (including classes, rehearsals, training at your facilities, etc.) in 2019?**

Response	Percent
Less than 2 hours per week	20%
2-3 hours per week	46%
4-6 hours per week	22%
7-10 hours per week	4%
11-20 hours per week	4%
21-30 hours per week	1%
31-40 hours per week	1%
More than 40 hours per week	1%

n=134

**Q27. How many weeks per year were your educational programs active in 2019?**

Response	Percent
1-13 weeks (or 1-3 months)	7%
14-26 weeks (or 4-6 months)	6%
27-39 weeks (or 7-9 months)	10%
40-52 weeks (or 10-12 months)	76%

n=135

**Q28. What age participants did you serve in 2019? Please select all that apply.**

Response	Percent
0-23 months (infant)	7%
2-5 years and under (preschool/kindergarten)	32%
6-10 years (elementary)	82%
11-13 years (middle school)	90%
14-17 years (high school)	85%
18-25 years (young adult)	86%
26-55 years (general adult)	82%
55+ years (mature adult)	62%

n=136

**Q29. About what percent of your students were youth (ages 0-17) and what percent were adult (ages 18+) in 2019?**

Age of student	Range	Median	Mean
Youth	0%-100%	55%	52%
Adult	0%-100%	45%	48%

n=136

**Q30. About how many of your youth students qualified for free or reduced price lunch at school in 2019?**

Response	Percent
25% or less	26%
26-50%	10%
51-75%	5%
76-100%	5%
I'm not sure	54%

n=126

**Q31. Please give your best estimate for what percent of your 2019 students are in the following racial/ethnic categories.**

Category	Mean
White	65%
Latinx	11%
Black	9%
Multiracial	8%
Asian/Pacific Islander	6%
American Indian	1%

n=116

**Q32. About what percent of your 2019 students are the following genders?**

Category	Mean
Female	77%
Male	19%
Non-binary, trans, other	4%

n=120

**Q34. In which of the following areas did you offer instruction in 2019? Please select all that apply.**

Response	Percent
Static aerials	85%
Partner or group acrobatics	69%
Acrobatics, tumbling	66%
Juggling or object manipulation (e.g. Diabolo, Poi, Plates)	57%
Hand-balancing	57%
Balance apparatuses (e.g. rolla-bolla, rolling globe, tight-wire, unicycle)	47%
Contortion	47%
Clowning or physical acting	44%
Rebound/bounce acrobatics (e.g. trampolines, Russian bar, Korean plank)	31%
Swinging aerials (including flying)	24%
Wheel apparatuses (e.g. Cyr, German, Wheel of Death)	23%
Fire manipulation	5%
Other	26%

n=133

**Q35. What were the three most popular disciplines/apparatus/skill areas that you offered in 2019?**

Response	Percent
Fabric/silks	62%
Lyra	36%
Trapeze	28%
Acrobatics/tumbling	23%
Static aerials	18%
Sling/hammock	14%
Juggling or object manipulation	13%
Hand-balancing	12%
Contortion	12%
Partner or group acrobatics	10%
Clowning or physical acting	7%
Rebound/bounce acrobatics	7%
Pole/Chinese pole	7%
Swinging aerials (including flying)	6%
Rope	6%
Wheel apparatuses	4%
Straps	3%
Balance apparatuses	3%
Intro to aerials or mixed aerials	2%
Other	10%

n=125

**Q36. Did your company or program put on any circus performances (for example, student showcase, troupe performance, custom professional performance (gigs), etc.) in 2019?**

Response	Percent
Yes	92%
No	8%

n=134

**Q37. How many performances did you put on in 2019?**

Statistic	Value
Range	0 - 85
Median	5
Mean	13
<i>Total across respondents</i>	<i>1,720</i>

n=131

**Q38. Considering all performances in 2019, about how many audience members attended each performance?**

Statistic	Value
Range	9 - 46,000
Median	200
Mean	1,503
<i>Total across respondents</i>	<i>171,379</i>

n=114

**Q39. What type of insurance does your company or program have?**

Response	Percent
Insurance specifically for circus arts	74%
Other insurance	24%
No insurance	2%

n=134

**Q41. Have you ever had to submit a claim to your insurance?**

Response	Percent
Yes	18%
No	82%

n=129

**Q42. [If yes to above] How many claims did you submit in 2019?**

Response	Percent
No claims	78%
1 claim	17%
4 claims	4%
<i>Percent of all respondents submitting one or more claims in 2019</i>	4%

n=23, n=129

**Q43a. Price: How satisfied are you with the following aspects of your insurance?**

Response	Percent
Very satisfied	19%
Satisfied	34%
Neutral	22%
Dissatisfied	14%
Very dissatisfied	10%
<i>Mean*</i>	3.4

n=119

*\*Where "Very dissatisfied"=1 and "Very satisfied"=5*

**Q43b. Customer service: How satisfied are you with the following aspects of your insurance?**

Response	Percent
Very satisfied	33%
Satisfied	31%
Neutral	29%
Dissatisfied	5%
Very dissatisfied	2%
<i>Mean*</i>	3.9

n=115

*\*Where "Very dissatisfied"=1 and "Very satisfied"=5*

**Q43c. Policy aligns well with your needs: How satisfied are you with the following aspects of your insurance?**

Response	Percent
Very satisfied	27%
Satisfied	36%
Neutral	23%
Dissatisfied	10%
Very dissatisfied	4%
<i>Mean*</i>	<i>3.7</i>

n=118

\*Where "Very dissatisfied"=1 and "Very satisfied"=5

**Q43d. Claim resolution [If submitted claim]: How satisfied are you with the following aspects of your insurance?**

Response	Percent
Very satisfied	21%
Satisfied	35%
Neutral	38%
Dissatisfied	3%
Very dissatisfied	3%
<i>Mean*</i>	<i>3.7</i>

n=34

\*Where "Very dissatisfied"=1 and "Very satisfied"=5

**Q45. Within your circus programs, did your company or organization collaborate with any of the following types of organizations in 2019? Please select all that apply.**

Response	Percent
Education organizations and schools	67%
Arts organizations (non-circus)	67%
Other circus programs	55%
Private companies	51%
Community or fraternal organizations	44%
Social organizations	43%
Private foundations	30%
Health organizations	23%
Humanitarian organizations or NGOs	21%
Religious organizations	19%
Governmental organizations	19%
Sports organizations	17%
Other	8%
We do not collaborate with any other organizations	8%

n=128

**Q47. Are you a member of any professional organizations?**

Response	Percent
Yes	44%
No	56%

n=124

**Q48a. Funding/finances: In 2019, how challenging was each of the following to your company or organization as you continued or grew your circus education programs:**

Response	Percent
Not at all	8%
Slightly	19%
Somewhat	32%
Substantially	25%
Enormously	16%
<i>Mean*</i>	3.2

n=130

\*Where "Not at all"=1 and "Enormously"=5

**Q48b. Space:** In 2019, how challenging was each of the following to your company or organization as you continued or grew your circus education programs:

Response	Percent
Not at all	27%
Slightly	20%
Somewhat	23%
Substantially	18%
Enormously	12%
<i>Mean*</i>	2.7

n=130

\*Where "Not at all"=1 and "Enormously"=5

**Q48c. Staffing:** In 2019, how challenging was each of the following to your company or organization as you continued or grew your circus education programs:

Response	Percent
Not at all	19%
Slightly	31%
Somewhat	30%
Substantially	12%
Enormously	7%
<i>Mean*</i>	2.6

n=129

\*Where "Not at all"=1 and "Enormously"=5

**Q48d. Business administration:** In 2019, how challenging was each of the following to your company or organization as you continued or grew your circus education programs:

Response	Percent
Not at all	16%
Slightly	22%
Somewhat	31%
Substantially	22%
Enormously	9%
<i>Mean*</i>	2.8

n=128

\*Where "Not at all"=1 and "Enormously"=5



**Q48e. Public image of circus: In 2019, how challenging was each of the following to your company or organization as you continued or grew your circus education programs:**

Response	Percent
Not at all	43%
Slightly	17%
Somewhat	25%
Substantially	9%
Enormously	5%
<i>Mean*</i>	2.2

n=129

\*Where "Not at all"=1 and "Enormously"=5

**Q48f. Attendance consistency: In 2019, how challenging was each of the following to your company or organization as you continued or grew your circus education programs:**

Response	Percent
Not at all	18%
Slightly	32%
Somewhat	35%
Substantially	12%
Enormously	3%
<i>Mean*</i>	2.5

n=130

\*Where "Not at all"=1 and "Enormously"=5

**Q48g. Recruiting students: In 2019, how challenging was each of the following to your company or organization as you continued or grew your circus education programs:**

Response	Percent
Not at all	13%
Slightly	30%
Somewhat	32%
Substantially	18%
Enormously	7%
<i>Mean*</i>	2.8

n=130

\*Where "Not at all"=1 and "Enormously"=5

**Q49. In 2019, what was the single biggest challenge in continuing or growing your circus education programs?**

Response	Percent
Funding/finances	30%
Space	19%
Recruiting students	14%
Staffing	10%
Business administration	8%
Attendance consistency	7%
Public image of circus	5%
Other	7%

n=130