



The Continued Impact of COVID-19 on Community College Students

Methodology Supplement

Introduction

To gain insights into the ongoing impact of the pandemic on community college students, CCCSE added an additional set of five items to the 2021 administration of the Community College Survey of Student Engagement (*CCSSE*).

This methods supplement describes the data source used for the report, the data cleaning and recoding, and the analyses conducted. Analyses presented in the report as well as all other analyses reviewed in the preparation of the report are included in this document. If you have questions about the analyses or results in the report or this supplement, please contact the CCCSE research team at data@cccse.org.

METHODS

Data Source

The data used come from the 2021 administration of *CCSSE* and the COVID-19 additional item set. The additional item set was administered to 120,833 students across 273 colleges; 20 colleges administered the survey on paper in the classroom.

One of the five additional questions was presented slightly differently on the online version of the survey than on the paper version: Item 4, “Since the beginning of this academic term at this college, I have tried to avoid situations on campus in which I am unable to stay six feet away from another person.” Since students completing the survey online may not have attended in-person classes, the option “Not applicable because I have not been on campus at this college this academic term” was added to the online version of the survey. Because this item does not apply to students enrolled at campuses where instruction was exclusively online, the analysis of item 4 was limited to the 6,722 respondents from the 20 colleges that administered the survey on paper.

ANALYSES

Univariate frequencies and bivariate crosstabs were used for all analyses presented in the report and in this supplement.

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology

Source: All CCSSE 2021 Respondents

Univariate frequencies for demographic variables

===== unweighted =====

The FREQ Procedure

Thinking about this current academic term, how would you characterize your enrollment at this college?				
ENRLMENT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Part-time	45899	37.99	45899	37.99
Full-time	74934	62.01	120833	100.00

Mark your age group				
AGENEW	Frequency	Percent	Cumulative Frequency	Cumulative Percent
18-19	30085	24.93	30085	24.93
20-21	22956	19.02	53041	43.95
22-24	14433	11.96	67474	55.91
25-29	16181	13.41	83655	69.32
30-39	20728	17.18	104383	86.50
40-49	10413	8.63	114796	95.13
50-64	5269	4.37	120065	99.49
65+	612	0.51	120677	100.00
Frequency Missing = 156				

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology

Source: All CCSSE 2021 Respondents

Univariate frequencies for demographic variables

===== unweighted =====

The FREQ Procedure

Age: 0 = Nontraditional-age (25+), 1 = Traditional-age (18 - 24)				
tradage	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Nontraditional-age	53203	44.09	53203	44.09
Traditional-age	67474	55.91	120677	100.00
Frequency Missing = 156				

Your gender identity				
GENDER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Man	33946	28.14	33946	28.14
Woman	84056	69.67	118002	97.81
Other	1181	0.98	119183	98.79
I prefer not to respond	1465	1.21	120648	100.00
Frequency Missing = 185				

1st Generation: 0 = Not 1st Gen, 1 = 1st Gen				
firstgen	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not first-generation	66114	54.72	66114	54.72
First-generation	54719	45.28	120833	100.00

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Univariate frequencies for demographic variables
===== unweighted =====

The FREQ Procedure

Race/Ethnicity				
re6	Frequency	Percent	Cumulative Frequency	Cumulative Percent
American Indian	914	0.76	914	0.76
Asian	8010	6.66	8924	7.41
Black	12411	10.31	21335	17.73
Hispanic	19090	15.86	40425	33.59
White	62030	51.54	102455	85.12
Other	17904	14.88	120359	100.00
Frequency Missing = 474				

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology

Source: All CCSSE 2021 Respondents

Univariate frequencies for the CCSSE 2021 COVID-19 items

===== **WEIGHTED** =====

The FREQ Procedure

1. How would you describe your current personal financial situation?					
	Q1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1. It is better than it was before the COVID-19 pandemic		13935.31	13.11	13935.31	13.11
2. It is worse than it was before the COVID-19 pandemic		35774.59	33.66	49709.9	46.77
3. It is about the same as it was before the COVID-19 pandemic		45481.79	42.79	95191.69	89.55
4. I am not sure		11103.14	10.45	106294.8	100.00
Frequency Missing = 14538.169407					

2. Are you struggling to pay for college?					
	Q2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1. No		60362.33	57.46	60362.33	57.46
2. Yes, I am struggling to pay for college as a result of the COVID-19 pandemic		23967.39	22.82	84329.72	80.28
3. Yes, I am struggling to pay for college, but it is not a result of the COVID-19 pandemic		20712.96	19.72	105042.7	100.00
Frequency Missing = 15790.320281					

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology

Source: All CCSSE 2021 Respondents

Univariate frequencies for the CCSSE 2021 COVID-19 items

===== WEIGHTED =====

The FREQ Procedure

3. Does this college have support services to help students cope with stress related to the COVID-19 pandemic?				
Q3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1. Yes	46925.08	44.34	46925.08	44.34
2. No	6679.219	6.31	53604.3	50.65
3. I do not know	52233.87	49.35	105838.2	100.00
Frequency Missing = 14994.826115				

5. Are you able to access the Internet at your home when you need it for your coursework at this college?				
Q5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1. Yes, and it is reliable	81204.07	76.89	81204.07	76.89
2. Yes, but it is not always reliable	22918.43	21.70	104122.5	98.59
3. No, I cannot access the Internet at my home	1197.212	1.13	105319.7	99.72
4. My coursework at this college does not require me to work online	294.9684	0.28	105614.7	100.00
Frequency Missing = 15218.321326				

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by enrollment status
===== unweighted =====

The FREQ Procedure

Table of Q1 by ENRLMENT			
Q1(1. How would you describe your current personal financial situation?)	ENRLMENT(Thinking about this current academic term, how would you characterize your enrollment at this college?)		
Frequency Col Pct	Part-time	Full-time	Total
.	5905 .	8331 .	.
1. It is better than it was before the COVID-19 pandemic	5379 13.45	8354 12.54	13733
2. It is worse than it was before the COVID-19 pandemic	12779 31.95	24538 36.84	37317
3. It is about the same as it was before the COVID-19 pandemic	17961 44.91	26200 39.34	44161
4. I am not sure	3875 9.69	7511 11.28	11386
Total	39994	66603	106597
Frequency Missing = 14236			

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by enrollment status
===== unweighted =====

The FREQ Procedure

Table of Q2 by ENRLMENT			
Q2(2. Are you struggling to pay for college?)	ENRLMENT(Thinking about this current academic term, how would you characterize your enrollment at this college?)		
Frequency Col Pct	Part-time	Full-time	Total
.	6436 .	9002 .	.
1. No	22201 56.26	38731 58.74	60932
2. Yes, I am struggling to pay for college as a result of the COVID-19 pandemic	8839 22.40	15763 23.91	24602
3. Yes, I am struggling to pay for college, but it is not a result of the COVID-19 pandemic	8423 21.34	11438 17.35	19861
Total	39463	65932	105395
Frequency Missing = 15438			

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by enrollment status
===== unweighted =====

The FREQ Procedure

Table of Q3 by ENRLMENT			
Q3(3. Does this college have support services to help students cope with stress related to the COVID-19 pandemic?)	ENRLMENT(Thinking about this current academic term, how would you characterize your enrollment at this college?)		
Frequency Col Pct	Part-time	Full-time	Total
.	6084 .	8596 .	.
1. Yes	17121 43.00	31243 47.10	48364
2. No	2262 5.68	4712 7.10	6974
3. I do not know	20432 51.32	30383 45.80	50815
Total	39815	66338	106153
Frequency Missing = 14680			

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by enrollment status
===== unweighted =====

The FREQ Procedure

Table of Q5 by ENRLMENT			
Q5(5. Are you able to access the Internet at your home when you need it for your coursework at this college?)	ENRLMENT(Thinking about this current academic term, how would you characterize your enrollment at this college?)		
Frequency Col Pct	Part-time	Full-time	Total
.	6159 .	8743 .	.
1. Yes, and it is reliable	31341 78.87	49113 74.20	80454
2. Yes, but it is not always reliable	7908 19.90	16068 24.28	23976
3. No, I cannot access the Internet at my home	393 0.99	813 1.23	1206
4. My coursework at this college does not require me to work online	98 0.25	197 0.30	295
Total	39740	66191	105931
Frequency Missing = 14902			

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by age (8 categories)
===== WEIGHTED =====

The FREQ Procedure

Table of Q1 by AGENEW										
Q1(1. How would you describe your current personal financial situation?)	AGENEW(Mark your age group)									
Frequency Col Pct	.	18-19	20-21	22-24	25-29	30-39	40-49	50-64	65+	Total
.	96.3806	3336.22	2758.83	1917.55	2118.29	2621.87	1099.49	513.321	76.227	.
1. It is better than it was before the COVID-19 pandemic	8.11344	3383.98 15.02	2385.64 13.13	1775.71 13.78	1986.21 13.33	2533.36 12.58	1133.73 10.45	651.567 10.88	77.0034 10.37	13927.2
2. It is worse than it was before the COVID-19 pandemic	29.8602	5793.5 25.72	6172.42 33.96	4836.63 37.53	5770.19 38.74	7343.23 36.45	3801.42 35.03	1885.4 31.50	141.94 19.11	35744.7
3. It is about the same as it was before the COVID-19 pandemic	32.8627	9382.28 41.66	7373.08 40.57	5048.93 39.18	6059.49 40.68	8836.21 43.86	5192.19 47.84	3086.97 51.57	469.776 63.24	45448.9
4. I am not sure	18.849	3962.94 17.60	2243.45 12.34	1224.78 9.50	1079.3 7.25	1432.64 7.11	724.994 6.68	362.035 6.05	54.1609 7.29	11084.3
Total	.	22522.7	18174.6	12886	14895.2	20145.4	10852.3	5985.97	742.881	106205
Frequency Missing = 14627.854743										

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by age (8 categories)
===== WEIGHTED =====

The FREQ Procedure

Table of Q2 by AGENEW										
Q2(2. Are you struggling to pay for college?)	AGENEW(Mark your age group)									
Frequency Col Pct	.	18-19	20-21	22-24	25-29	30-39	40-49	50-64	65+	Total
.	94.9529	3476.53	2871.47	2009.75	2253.59	2927.63	1329.87	705.613	120.907	.
1. No	60.3385	15034.9 67.17	10765.6 59.60	6540.23 51.12	7247.38 49.10	10466 52.75	6037.97 56.84	3648.83 62.98	561 80.35	60302
2. Yes, I am struggling to pay for college as a result of the COVID-19 pandemic	12.905	3576.65 15.98	3982.68 22.05	3444.19 26.92	4096.34 27.75	5135.19 25.88	2554.35 24.05	1100.04 18.99	65.035 9.31	23954.5
3. Yes, I am struggling to pay for college, but it is not a result of the COVID-19 pandemic	17.8695	3770.84 16.85	3313.6 18.35	2809.42 21.96	3416.16 23.14	4238.47 21.36	2029.63 19.11	1044.81 18.03	72.1659 10.34	20695.1
Total	.	22382.4	18061.9	12793.8	14759.9	19839.7	10622	5793.68	698.201	104952
Frequency Missing = 15881.433311										

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by age (8 categories)
===== WEIGHTED =====

The FREQ Procedure

Table of Q3 by AGENEW										
Q3(3. Does this college have support services to help students cope with stress related to the COVID-19 pandemic?)	AGENEW(Mark your age group)									
Frequency Col Pct	.	18-19	20-21	22-24	25-29	30-39	40-49	50-64	65+	Total
.	97.9271	3397.25	2824.03	1946.31	2183.78	2731.31	1171.14	562.468	80.606	.
1. Yes	29.952	9141.05 40.70	7765.58 42.88	5366.09 41.74	6607.19 44.55	9247.88 46.16	5228.54 48.50	3149.23 53.05	389.577 52.75	46895.1
2. No	6.27604	1729.44 7.70	1580.14 8.73	1062.75 8.27	849.448 5.73	924.276 4.61	374.533 3.47	135.715 2.29	16.6419 2.25	6672.94
3. I do not know	51.9108	11591.2 51.60	8763.66 48.39	6428.45 50.00	7373.06 49.72	9863.84 49.23	5177.61 48.03	2651.89 44.67	332.283 44.99	52182
Total	.	22461.7	18109.4	12857.3	14829.7	20036	10780.7	5936.83	738.502	105750
Frequency Missing = 15082.964941										

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by age (8 categories)
===== WEIGHTED =====

The FREQ Procedure

Table of Q5 by AGENEW										
Q5(5. Are you able to access the Internet at your home when you need it for your coursework at this college?)	AGENEW(Mark your age group)									
Frequency Col Pct	.	18-19	20-21	22-24	25-29	30-39	40-49	50-64	65+	Total
.	95.6582	3467.81	2867.56	1993.36	2211.3	2757.18	1189.03	553.993	82.4265	.
1. Yes, and it is reliable	68.1483	16307.6 72.83	13032.2 72.14	9633.85 75.20	11869.2 80.19	16148 80.70	8692.17 80.76	4851.08 81.60	601.799 81.69	81135.9
2. Yes, but it is not always reliable	20.6628	5731.03 25.60	4671.31 25.86	2975.78 23.23	2736.49 18.49	3653.59 18.26	1985.04 18.44	1025.16 17.24	119.358 16.20	22897.8
3. No, I cannot access the Internet at my home	1.59653	260.493 1.16	279.101 1.54	167.662 1.31	167.291 1.13	178.729 0.89	72.4521 0.67	59.7066 1.00	10.1813 1.38	1195.62
4. My coursework at this college does not require me to work online	0	92.0216 0.41	83.1967 0.46	32.942 0.26	29.2079 0.20	29.7701 0.15	13.1379 0.12	9.34975 0.16	5.34235 0.73	294.968
Total	.	22391.1	18065.8	12810.2	14802.2	20010.1	10762.8	5945.3	736.682	105524
Frequency Missing = 15308.729018										

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by traditional age
===== WEIGHTED =====

The FREQ Procedure

Table of Q1 by tradage				
Q1(1. How would you describe your current personal financial situation?)	tradage(Age: 0 = Nontraditional-age (25+), 1 = Traditional-age (18 - 24))			
Frequency Col Pct	.	Nontraditional-age	Traditional-age	Total
.	96.3806 .	6429.19 .	8012.6 .	.
1. It is better than it was before the COVID-19 pandemic	8.11344 .	6381.87 12.13	7545.32 14.08	13927.2
2. It is worse than it was before the COVID-19 pandemic	29.8602 .	18942.2 36.00	16802.5 31.36	35744.7
3. It is about the same as it was before the COVID-19 pandemic	32.8627 .	23644.6 44.93	21804.3 40.69	45448.9
4. I am not sure	18.849 .	3653.13 6.94	7431.17 13.87	11084.3
Total	.	52621.8	53583.3	106205
Frequency Missing = 14627.854743				

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by traditional age
===== WEIGHTED =====

The FREQ Procedure

Table of Q2 by tradage				
Q2(2. Are you struggling to pay for college?)	tradage(Age: 0 = Nontraditional-age (25+), 1 = Traditional-age (18 - 24))			
Frequency Col Pct	.	Nontraditional-age	Traditional-age	Total
.	94.9529 .	7337.62 .	8357.75 .	.
1. No	60.3385 .	27961.2 54.07	32340.8 60.75	60302
2. Yes, I am struggling to pay for college as a result of the COVID-19 pandemic	12.905 .	12951 25.04	11003.5 20.67	23954.5
3. Yes, I am struggling to pay for college, but it is not a result of the COVID-19 pandemic	17.8695 .	10801.2 20.89	9893.86 18.58	20695.1
Total	.	51713.4	53238.2	104952
Frequency Missing = 15881.433311				

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by traditional age
===== WEIGHTED =====

The FREQ Procedure

Table of Q3 by tradage				
Q3(3. Does this college have support services to help students cope with stress related to the COVID-19 pandemic?)	tradage(Age: 0 = Nontraditional-age (25+), 1 = Traditional-age (18 - 24))			
Frequency Col Pct	.	Nontraditional-age	Traditional-age	Total
.	97.9271 .	6729.31 .	8167.59 .	.
1. Yes	29.952 .	24622.4 47.06	22272.7 41.69	46895.1
2. No	6.27604 .	2300.61 4.40	4372.33 8.18	6672.94
3. I do not know	51.9108 .	25398.7 48.54	26783.3 50.13	52182
Total	.	52321.7	53428.3	105750
Frequency Missing = 15082.964941				

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by traditional age
===== WEIGHTED =====

The FREQ Procedure

Table of Q5 by tradage				
Q5(5. Are you able to access the Internet at your home when you need it for your coursework at this college?)	tradage(Age: 0 = Nontraditional-age (25+), 1 = Traditional-age (18 - 24))			
Frequency Col Pct	.	Nontraditional-age	Traditional-age	Total
.	95.6582 .	6793.93 .	8328.73 .	.
1. Yes, and it is reliable	68.1483 .	42162.3 80.68	38973.7 73.17	81135.9
2. Yes, but it is not always reliable	20.6628 .	9519.65 18.22	13378.1 25.12	22897.8
3. No, I cannot access the Internet at my home	1.59653 .	488.36 0.93	707.256 1.33	1195.62
4. My coursework at this college does not require me to work online	0 .	86.808 0.17	208.16 0.39	294.968
Total	.	52257.1	53267.2	105524
Frequency Missing = 15308.729018				

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by gender
===== WEIGHTED =====

The FREQ Procedure

Table of Q1 by GENDER						
Q1(1. How would you describe your current personal financial situation?)	GENDER(Your gender identity)					
Frequency Col Pct	.	Man	Woman	Other	I prefer not to respond	Total
.	110.771 .	3606.74 .	10466.2 .	121.856 .	232.633 .	. .
1. It is better than it was before the COVID-19 pandemic	12.334 .	4736.58 16.16	8894.53 11.94	139.893 12.97	151.97 11.82	13923
2. It is worse than it was before the COVID-19 pandemic	35.0132 .	8820.15 30.10	26029.6 34.93	421.442 39.07	468.439 36.44	35739.6
3. It is about the same as it was before the COVID-19 pandemic	42.6132 .	12496.8 42.64	32101.6 43.08	400.42 37.12	440.358 34.26	45439.2
4. I am not sure	13.5705 .	3250.97 11.09	7496.82 10.06	117.051 10.85	224.726 17.48	11089.6
Total	.	29304.5	74522.5	1078.81	1285.49	106191
Frequency Missing = 14641.700347						

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by gender
===== WEIGHTED =====

The FREQ Procedure

Table of Q2 by GENDER						
Q2(2. Are you struggling to pay for college?)	GENDER(Your gender identity)					
Frequency Col Pct	.	Man	Woman	Other	I prefer not to respond	Total
.	112.073 .	3886.5 .	11413.1 .	125.891 .	252.744 .	. .
1. No	68.1656 .	18889.4 65.08	40127.4 54.54	584.262 54.36	693.146 54.78	60294.2
2. Yes, I am struggling to pay for college as a result of the COVID-19 pandemic	18.3522 .	5894.77 20.31	17512.6 23.80	233.434 21.72	308.277 24.36	23949
3. Yes, I am struggling to pay for college, but it is not a result of the COVID-19 pandemic	15.7115 .	4240.54 14.61	15935.7 21.66	257.075 23.92	263.959 20.86	20697.2
Total	. .	29024.7	73575.6	1074.77	1265.38	104940
Frequency Missing = 15892.549584						

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by gender
===== WEIGHTED =====

The FREQ Procedure

Table of Q3 by GENDER						
Q3(3. Does this college have support services to help students cope with stress related to the COVID-19 pandemic?)	GENDER(Your gender identity)					
Frequency Col Pct	.	Man	Woman	Other	I prefer not to respond	Total
.	113.806	3734.68	10798.6	122.275	225.483	.
1. Yes	34.7621	12238.6 41.95	33788.6 45.54	429.29 39.81	433.818 33.56	46890.3
2. No	9.0858	2229.84 7.64	4232.23 5.70	83.8783 7.78	124.185 9.61	6670.13
3. I do not know	56.6483	14708 50.41	36169.3 48.75	565.218 52.41	734.64 56.83	52177.2
Total	.	29176.5	74190.1	1078.39	1292.64	105738
Frequency Missing = 15095.322379						

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by gender
===== WEIGHTED =====

The FREQ Procedure

Table of Q5 by GENDER						
Q5(5. Are you able to access the Internet at your home when you need it for your coursework at this college?)	GENDER(Your gender identity)					
Frequency Col Pct	.	Man	Woman	Other	I prefer not to respond	Total
.	108.426 .	3819.48 .	10924.5 .	129.336 .	236.556 .	.
1. Yes, and it is reliable	74.6426 .	22828.8 78.47	56748 76.62	713.066 66.56	839.565 65.51	81129.4
2. Yes, but it is not always reliable	27.851 .	5651.06 19.42	16472.5 22.24	344.737 32.18	422.291 32.95	22890.6
3. No, I cannot access the Internet at my home	0 .	469.356 1.61	699.232 0.94	11.0723 1.03	17.5528 1.37	1197.21
4. My coursework at this college does not require me to work online	3.38194 .	142.479 0.49	144.495 0.20	2.45111 0.23	2.16119 0.17	291.586
Total	.	29091.7	74064.2	1071.33	1281.57	105509
Frequency Missing = 15324.196956						

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by first-generation
===== WEIGHTED =====

The FREQ Procedure

Table of Q1 by firstgen			
Q1(1. How would you describe your current personal financial situation?)	firstgen(1st Generation: 0 = Not 1st Gen, 1 = 1st Gen)		
Frequency Col Pct	Not first-generation	First-generation	Total
.	306.883 .	14231.3 .	.
1. It is better than it was before the COVID-19 pandemic	9134.22 14.10	4801.09 11.57	13935.3
2. It is worse than it was before the COVID-19 pandemic	20851.4 32.18	14923.2 35.96	35774.6
3. It is about the same as it was before the COVID-19 pandemic	28566.7 44.09	16915.1 40.76	45481.8
4. I am not sure	6245.52 9.64	4857.62 11.71	11103.1
Total	64797.9	41496.9	106295
Frequency Missing = 14538.169407			

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by first-generation
===== WEIGHTED =====

The FREQ Procedure

Table of Q2 by firstgen			
Q2(2. Are you struggling to pay for college?)	firstgen(1st Generation: 0 = Not 1st Gen, 1 = 1st Gen)		
Frequency Col Pct	Not first- generation	First-generation	Total
.	905.98 .	14884.3 .	.
1. No	38433.3 59.87	21929 53.69	60362.3
2. Yes, I am struggling to pay for college as a result of the COVID-19 pandemic	13310.5 20.73	10656.9 26.09	23967.4
3. Yes, I am struggling to pay for college, but it is not a result of the COVID-19 pandemic	12455 19.40	8257.99 20.22	20713
Total	64198.8	40843.9	105043
Frequency Missing = 15790.320281			

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by first-generation
===== WEIGHTED =====

The FREQ Procedure

Table of Q3 by firstgen			
Q3(3. Does this college have support services to help students cope with stress related to the COVID-19 pandemic?)	firstgen(1st Generation: 0 = Not 1st Gen, 1 = 1st Gen)		
Frequency Col Pct	Not first-generation	First-generation	Total
.	568.46 .	14426.4 .	.
1. Yes	27792.1 43.06	19133 46.32	46925.1
2. No	4174.04 6.47	2505.18 6.07	6679.22
3. I do not know	32570.2 50.47	19663.7 47.61	52233.9
Total	64536.3	41301.9	105838
Frequency Missing = 14994.826115			

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by first-generation
===== WEIGHTED =====

The FREQ Procedure

Table of Q5 by firstgen			
Q5(5. Are you able to access the Internet at your home when you need it for your coursework at this college?)	firstgen(1st Generation: 0 = Not 1st Gen, 1 = 1st Gen)		
Frequency Col Pct	Not first-generation	First-generation	Total
.	648.327 .	14570 .	.
1. Yes, and it is reliable	49942.6 77.48	31261.5 75.95	81204.1
2. Yes, but it is not always reliable	13700.2 21.26	9218.2 22.40	22918.4
3. No, I cannot access the Internet at my home	659.51 1.02	537.703 1.31	1197.21
4. My coursework at this college does not require me to work online	154.122 0.24	140.846 0.34	294.968
Total	64456.5	41158.2	105615
Frequency Missing = 15218.321326			

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by race / ethnicity
===== WEIGHTED =====

The FREQ Procedure

Table of Q1 by re6								
Q1(1. How would you describe your current personal financial situation?)	re6(Race/Ethnicity)							
Frequency Col Pct	.	American Indian	Asian	Black	Hispanic	White	Other	Total
.	128.166	65.3279	1004.88	2073.83	2826.7	6234.19	2205.08	.
1. It is better than it was before the COVID-19 pandemic	40.7147	112.23 13.38	719.527 10.89	1555.94 14.96	1957.49 11.91	7495.13 13.36	2054.27 13.23	13894.6
2. It is worse than it was before the COVID-19 pandemic	154.448	266.669 31.78	2278.69 34.48	3666.42 35.25	5868.37 35.70	17820.8 31.78	5719.23 36.82	35620.1
3. It is about the same as it was before the COVID-19 pandemic	153.274	346.741 41.32	2397.9 36.28	3785.95 36.40	6537.95 39.77	26363.4 47.01	5896.63 37.96	45328.5
4. I am not sure	45.9001	113.423 13.52	1213.52 18.36	1391.45 13.38	2074.24 12.62	4402.72 7.85	1861.89 11.99	11057.2
Total	.	839.064	6609.63	10399.8	16438	56082	15532	105900
Frequency Missing = 14932.506125								

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by race / ethnicity
===== WEIGHTED =====

The FREQ Procedure

Table of Q2 by re6								
Q2(2. Are you struggling to pay for college?)	re6(Race/Ethnicity)							
Frequency Col Pct		American Indian	Asian	Black	Hispanic	White	Other	Total
.	142.843	78.2638	1070.2	2303.94	3034.51	6777.67	2382.9	.
1. No	205.045	478.088 57.87	3319.18 50.72	5496.36 54.05	8258.17 50.88	34655.4 62.40	7950.09 51.78	60157.3
2. Yes, I am struggling to pay for college as a result of the COVID-19 pandemic	113.69	206.206 24.96	1994.17 30.47	2614.23 25.71	4743.71 29.23	10174.1 18.32	4121.27 26.84	23853.7
3. Yes, I am struggling to pay for college, but it is not a result of the COVID-19 pandemic	60.9246	141.834 17.17	1230.96 18.81	2059.06 20.25	3228.35 19.89	10709 19.28	3282.84 21.38	20652
Total	.	826.128	6544.31	10169.6	16230.2	55538.5	15354.2	104663
Frequency Missing = 16169.980157								

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by race / ethnicity
===== WEIGHTED =====

The FREQ Procedure

Table of Q3 by re6								
Q3(3. Does this college have support services to help students cope with stress related to the COVID-19 pandemic?)	re6(Race/Ethnicity)							
Frequency Col Pct	.	American Indian	Asian	Black	Hispanic	White	Other	Total
.	135.592	72.8593	1035.79	2160.51	2899.86	6427.88	2262.33	.

1. Yes	185.754	390.613	3087.73	5056.99	7684.22	24001.2	6518.53	46739.3
	.	46.98	46.94	49.03	46.96	42.95	42.12	
2. No	27.0122	40.5787	473.577	678.709	1056.32	3306.6	1096.42	6652.21
	.	4.88	7.20	6.58	6.45	5.92	7.09	
3. I do not know	174.145	400.341	3017.41	4577.38	7624.34	28580.4	7859.82	52059.7
	.	48.14	45.87	44.38	46.59	51.14	50.79	
Total	.	831.532	6578.72	10313.1	16364.9	55888.3	15474.8	105451
Frequency Missing = 15381.737058								

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Source: All CCSSE 2021 Respondents
Crosstabs of CCSSE 2021 COVID-19 items (q1, q2, q3, and q5) by race / ethnicity
===== WEIGHTED =====

The FREQ Procedure

Table of Q5 by re6								
Q5(5. Are you able to access the Internet at your home when you need it for your coursework at this college?)	re6(Race/Ethnicity)							
Frequency Col Pct		American Indian	Asian	Black	Hispanic	White	Other	Total
.	128.289	71.7071	1054.61	2207.29	2935.7	6510.09	2310.63	.
1. Yes, and it is reliable	308.359	612.133 73.51	5001.21 76.24	7862.41 76.58	12177.9 74.58	43985.9 78.82	11256.2 72.97	80895.7
2. Yes, but it is not always reliable	78.7253	206.231 24.77	1470.79 22.42	2198.91 21.42	3894.43 23.85	11139 19.96	3930.4 25.48	22839.7
3. No, I cannot access the Internet at my home	6.56254	11.5296 1.38	61.9362 0.94	157.35 1.53	207.584 1.27	559.882 1.00	192.368 1.25	1190.65
4. My coursework at this college does not require me to work online	0.56726	2.79142 0.34	25.9683 0.40	47.6302 0.46	49.162 0.30	121.334 0.22	47.5149 0.31	294.401
Total	.	832.685	6559.9	10266.3	16329	55806.1	15426.5	105220
Frequency Missing = 15612.535664								

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Univariate frequency of COVID item about avoiding groups (Q4)
Includes only respondents who completed the survey on paper

===== **WEIGHTED** =====

The FREQ Procedure

4. Since the beginning of this academic term at this college, I have tried to avoid situations on campus in which I am unable to stay six feet away from another person.				
Q4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Agree Strongly agree	3642.584	58.90	3642.584	58.90
Disagree Strongly Disagree	2541.926	41.10	6184.51	100.00
Frequency Missing = 537.49031425				

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Crosstabs of COVID item about avoiding groups (Q4) by enrollment status
Includes only respondents who completed the survey on paper
===== unweighted =====

The FREQ Procedure

Table of Q4 by ENRLMENT			
Q4(4. Since the beginning of this academic term at this college, I have tried to avoid situations on campus in which I am unable to stay six feet away from another person.)	ENRLMENT(Thinking about this current academic term, how would you characterize your enrollment at this college?)		
Frequency Col Pct	Part-time	Full-time	Total
.	116 .	376 .	.
Agree Strongly agree	675 58.90	2969 58.40	3644
Disagree Strongly Disagree	471 41.10	2115 41.60	2586
Total	1146	5084	6230
Frequency Missing = 492			

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Frequency of COVID item about avoiding groups (Q4) and crosstabs with Race / ethnicity
Includes only respondents who completed the survey on paper

===== **WEIGHTED** =====

The FREQ Procedure

Table of Q4 by AGENEW										
Q4(4. Since the beginning of this academic term at this college, I have tried to avoid situations on campus in which I am unable to stay six feet away from another person.)	AGENEW(Mark your age group)									
Frequency Col Pct	.	18-19	20-21	22-24	25-29	30-39	40-49	50-64	65+	Total
.	88.7346	155.738	134.479	48.7329	31.7343	34.3514	34.395	9.32452	0	.
Agree Strongly agree	35.5451	1353.24 56.29	843.662 59.45	407.487 56.50	359.051 59.36	383.364 64.81	187.33 64.88	55.4487 66.74	17.457 97.47	3607.04
Disagree Strongly Disagree	18.4256	1050.72 43.71	575.546 40.55	313.761 43.50	245.853 40.64	208.127 35.19	101.407 35.12	27.6365 33.26	0.45331 2.53	2523.5
Total	.	2403.95	1419.21	721.247	604.904	591.491	288.738	83.0852	17.9103	6130.54
Frequency Missing = 591.46102097										

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Frequency of COVID item about avoiding groups (Q4) and crosstabs with Race / ethnicity
Includes only respondents who completed the survey on paper

===== **WEIGHTED** =====

The FREQ Procedure

Table of Q4 by tradage				
Q4(4. Since the beginning of this academic term at this college, I have tried to avoid situations on campus in which I am unable to stay six feet away from another person.)	tradage(Age: 0 = Nontraditional-age (25+), 1 = Traditional-age (18 - 24))			
Frequency Col Pct	.	Nontraditional-age	Traditional-age	Total
.	88.7346	109.805	338.951	.
Agree Strongly agree	35.5451	1002.65 63.21	2604.39 57.31	3607.04
Disagree Strongly Disagree	18.4256	583.477 36.79	1940.02 42.69	2523.5
Total	.	1586.13	4544.41	6130.54
Frequency Missing = 591.46102097				

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Frequency of COVID item about avoiding groups (Q4) and crosstabs with Race / ethnicity
Includes only respondents who completed the survey on paper

===== **WEIGHTED** =====

The FREQ Procedure

Table of Q4 by GENDER						
Q4(4. Since the beginning of this academic term at this college, I have tried to avoid situations on campus in which I am unable to stay six feet away from another person.)	GENDER(Your gender identity)					
Frequency Col Pct	.	Man	Woman	Other	I prefer not to respond	Total
.	87.3795	237.691	204.625	0.55137	7.24417	.
Agree Strongly agree	24.6584	1379.7 54.55	2175.33 61.99	28.1568 55.98	34.7382 65.57	3617.93
Disagree Strongly Disagree	18.0718	1149.52 45.45	1333.95 38.01	22.1428 44.02	18.2407 34.43	2523.85
Total	.	2529.22	3509.28	50.2996	52.9789	6141.78
Frequency Missing = 580.22049775						

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Frequency of COVID item about avoiding groups (Q4) and crosstabs with Race / ethnicity
Includes only respondents who completed the survey on paper

===== **WEIGHTED** =====

The FREQ Procedure

Table of Q4 by firstgen			
Q4(4. Since the beginning of this academic term at this college, I have tried to avoid situations on campus in which I am unable to stay six feet away from another person.)	firstgen(1st Generation: 0 = Not 1st Gen, 1 = 1st Gen)		
	Frequency Col Pct	Not first-generation	First-generation
.	270.804 .	266.686 .	.
Agree Strongly agree	2264.97 56.84	1377.61 62.63	3642.58
Disagree Strongly Disagree	1720.07 43.16	821.855 37.37	2541.93
Total	3985.04	2199.47	6184.51
Frequency Missing = 537.49031425			

CCSSE 2021 COVID-19 Executive Summary Supplemental Methodology
Frequency of COVID item about avoiding groups (Q4) and crosstabs with Race / ethnicity
Includes only respondents who completed the survey on paper

===== **WEIGHTED** =====

The FREQ Procedure

Table of Q4 by re6								
Q4(4. Since the beginning of this academic term at this college, I have tried to avoid situations on campus in which I am unable to stay six feet away from another person.)	re6(Race/Ethnicity)							
Frequency Col Pct	.	American Indian	Asian	Black	Hispanic	White	Other	Total
.	89.66	2.59725	7.53159	85.1805	83.0786	218.026	51.416	.

Agree Strongly agree	29.0933	39.7866	63.4374	651.24	651.658	1794.55	412.822	3613.49
	.	67.72	56.40	74.10	62.69	52.91	64.08	
Disagree Strongly Disagree	30.1169	18.9619	49.0473	227.603	387.906	1596.92	231.369	2511.81
	.	32.28	43.60	25.90	37.31	47.09	35.92	
Total	.	58.7486	112.485	878.843	1039.56	3391.47	644.191	6125.3
Frequency Missing = 596.70049068								