

ONLINE OR ON-CAMPUS?

Learning from the COVID-19 Pandemic

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Technical Appendices

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Technical Appendices

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Technical Appendix A: Methodology

This document describes methodological details for three separate surveys of undergraduate students at three US universities: Brandeis University (Brandeis), Boston College (BC) and Northeastern University (Northeastern). The Brandeis and BC surveys were conducted in the spring semester of 2021, and the Northeastern survey was conducted in the summer of 2021. All three surveys were conducted using similar, but not identical, methodologies.

Sampling

All three surveys employed simple random samples of undergraduates ages 18 or older, drawn from each school's list of undergraduates. Students were considered to be in the sample frame if they were enrolled as a full-time undergraduate as of the beginning of the fall semester. At Northeastern students were considered to be part of the sample frame if they were enrolled as full-time undergraduates during the 2021 academic year.

Survey Administration

The survey was conducted online using the Qualtrics XM platform. Students at each school were sent email invitations and reminders with a unique URL to the survey to their official ".edu" email address. Dates for invitations, reminders, and the closing of the survey period are listed in Table A1. At Brandeis and BC the surveys were administered in two replicates.

Table A1. Survey administration

	Brandeis University (Replicate 1)	Brandeis University (Replicate 2)	Boston College (Replicate 1)	Boston College (Replicate 2)	Northeastern University
Invitation	March 26, 2021	April 7, 2021	March 20, 2021	April 13, 2021	May 10, 2021
Reminder 1	March 31, 2021	April 12, 2021	April 5, 2021	April 15, 2021	May 13, 2021
Reminder 2	April 6, 2021	April 15, 2021	April 12, 2021	April 20, 2021	May 18, 2021
Reminder 3	April 12, 2021	April 20, 2021	April 16, 2021	April 23, 2021	May 21, 2021
Final Reminder	April 20, 2021	April 27, 2021	April 21, 2021	April 27, 2021	May 26, 2021
Survey closed	April 29, 2021	April 29, 2021	April 29, 2021	April 29, 2021	June 1, 2021

Students at Brandeis and BC were informed that upon completion of the survey they could receive a \$10 Amazon.com gift card, or that they could donate \$10 to the Greater Boston Food Bank. Of all respondents to the survey 586 chose the donation option. Due to university policy, respondents at Northeastern were not offered a gift card or donation option.

Dispositions and Response Rates

Table A2 reports the disposition of respondents and response rates for the surveys by university. Students at Brandeis or Northeastern who had completed at least the “Healthcare Access” section of the survey were considered “partials” if they did not complete the remainder of the survey. Individuals who dropped out of the survey prior to completing the Healthcare Access section were considered “break-offs.” However, at BC all respondents who did not complete the entire survey were considered “break offs” because demographic questions necessary for the weighting of BC data were not asked until the end of the survey.

Table A2. Final dispositions and response rates

	Brandeis University	Boston College	Northeastern University
Initial sample	2,034	4,000	8,400
Ineligible ¹	3	1	4
Eligible sample	2,031	3,999	8,396
Complete	786	836	649
Partial	31	0	66
Break-off	25	64	95
Refusal/Not Complete ²	1,191	3,100	7,590
AAPOR RR 2	40.2%	20.9%	8.5%

¹ Respondents who were not undergraduate students at the specified university at the time of the study (for Boston College and Brandeis) or during the Spring semester of 2021 (for Northeastern) were ineligible for the survey.

² Due to a software error, the count of refusals is unavailable for these surveys. The AAPOR RR2 considers refusals to be equivalent to non-completes. Any refusals are included in the number of non-completes.

Weighting

For each school, weights were calculated to adjust for differences between the characteristics of respondents and known characteristics of the population. Weights were calculated using the “survwgt” command in Stata. Population data were obtained from the auxiliary information on undergraduate email lists provided to SSRI (for Brandeis and Northeastern), or university provided population data (for BC). The weighting factors used for each survey are detailed in Table A3.

Table A3. Weights

	Brandeis University	Boston College	Northeastern University
Gender	X	X	X
International student status	X		X
Class year	X		

Weights were applied to all analyses. Weighted analyses were conducted using the “svy” suite of commands in Stata, and confidence intervals and Chi square tests produced for such analyses account for the sampling characteristics of the data.

Northeastern Questions

Because the Northeastern survey was conducted after the conclusion of the spring semester the wording of a number of questions was altered to ensure that they referred to the same time period referenced in comparable questions in the Brandeis and BC surveys (e.g. “this semester” was changed to “the spring semester”). However, the timeframe in the questions wording in questions relating to mental health and loneliness could not be easily adjusted. In the BC and Brandeis surveys, the questions refer to the “past week,” and surveys were administered while school was still in session. The Northeastern survey administered after the semester was over used “the spring semester” as the timeframe for these questions. Given the dramatic changes in students’ situation (including the increasing availability of vaccines) in the intervening period, it was decided that Northeastern students’ retrospective assessments of their mental health in the previous semester were not comparable to the contemporaneous assessments provided by Brandeis and BC students. As a result, Northeastern University respondents were excluded from all analyses related to mental health and loneliness.

Construction of Race/Ethnicity Variable

The survey question that asked about race and ethnicity allowed respondents to select multiple options to best represent how they describe themselves. A small number of respondents chose two or more races. For these respondents, we privileged non-white classifications for analysis purposes. A hierarchy of responses was created to classify people who indicated they had multiple races: Hispanic, Black, Asian, Other Ethnicity, and White. The race a respondent identified with that was first on that list determined how they were categorized for analysis. For example, a respondent who identified as Hispanic and Black was coded as Hispanic. This follows the technique used by the US

Census³ to ask about Hispanic status separately from race and to consider respondents who indicate that they consider themselves Hispanic to be Hispanic, regardless of other racial definitions.

Our categories were constructed from the following individual response options:

- Hispanic – “Hispanic, Latino, or Spanish origin, such as Mexican, Cuban, Puerto Rican, or Argentinian”
- Black – “Black or African American”
- Asian – “Asian or Asian American”
- Other Ethnicity – “American Indian or Alaskan Native,” “Native Hawaiian or other Pacific Islander,” “Middle Eastern or North African,” any other text response not classifiable into an existing category
- White – “White”

Analysis Paradigm

Our primary research question for this report involved the relationship between factors associated with in-person or online learning (e.g., in-person/online teaching, socialization, and group activities) and various outcome variables related to pedagogy, campus community, and mental health, among students at these three schools. To explore these relationships we made use of OLS, and ordered logit models that control for student-level demographic variables and school-level differences (through school fixed effects). In some cases, instead of modeling individual outcome variables directly, we instead modeled index variables that aggregated responses from a set of outcome variables that, according to factor analysis, all measured the same underlying construct.

However, because the results of these models are difficult to present intuitively, this report presents unadjusted, weighted, cross-tabs of key independent variables and individual outcome measures. These cross-tabs were only reported when the substantive relationship they described were confirmed as statistically significant in comparable models. Complete results for all cross-tabs discussed in the report, including 95% confidence intervals and design-adjusted chi-square tests can be found in Technical Appendix B. The statistical models confirming these results can be found in Technical Appendix C.

³ See <http://www.census.gov/prod/cen2010/briefs/c2010br-02.pdf>

Technical Appendix B: Tables

This appendix contains two-way weighted tables of frequencies with 95% confidence intervals and design adjusted Chi-square tests for all figures presented in the report.

Table B1: Student living situation by school (Figure 1)

Number of strata = 1
 Number of PSUs = 2,293
 Number of obs = 2,293
 Population size = 30,481.321
 Design df = 2,292

Residence	Brandeis	university BC	NEU	Total
on campus and live alone	.2879 [.2569, .3211]	.0511 [.0371, .0699]	.0581 [.0416, .0806]	.0806 [.0685, .0946]
on campus with others	.2864 [.2555, .3195]	.7338 [.7, .7652]	.3984 [.3601, .438]	.4867 [.4603, .5132]
off campus with parents	.2358 [.2057, .2689]	.0744 [.0566, .0972]	.1894 [.1586, .2246]	.16 [.1401, .1821]
off campus with others	.1898 [.1619, .2213]	.1407 [.1171, .1681]	.3541 [.3168, .3932]	.2727 [.2488, .298]
Total	1	1	1	1

Key: column proportion
 [95% confidence interval for column proportion]

Pearson:

Uncorrected chi2(6) = 405.8402
 Design-based F(4.96, 11366.79) = 68.6878 P = 0.0000

Table B2: Virtual/in-person teaching by school (Figure 2)

Number of strata = 1
 Number of PSUs = 2,185
 Number of obs = 2,185
 Population size = 27,260.904
 Design df = 2,184

Think about THIS SEMESTER, how often have you Participated in class in-person?	Brandeis	university BC	NEU	Total
1. Never	.5481 [.5122, .5836]	.1034 [.0832, .1279]	.4378 [.394, .4827]	.3368 [.3107, .364]
2. 1-2 times during the semest	.0326 [.0222, .0478]	.0377 [.0259, .0545]	.1253 [.0995, .1567]	.0842 [.0693, .1019]
3. Once a month	.0388 [.0275, .0545]	.0184 [.0108, .0312]	.0508 [.0338, .0757]	.0383 [.0282, .0518]
4. 2-3 times a month	.052 [.0386, .0698]	.0684 [.0522, .0891]	.1033 [.0788, .1344]	.0852 [.0703, .103]
5. At least once a week	.3283 [.2957, .3627]	.7721 [.7402, .8012]	.2827 [.2444, .3244]	.4555 [.4288, .4825]
Total	1	1	1	1

Key: column proportion
 [95% confidence interval for column proportion]

Pearson:

Uncorrected chi2(8) = 516.1505
 Design-based F(6.36, 13896.21) = 67.8553 P = 0.0000

Table B3: Satisfaction with instruction by frequency of having in-person classes (Figure 3)

Number of strata	=	1	Number of obs	=	2,130
Number of PSUs	=	2,130	Population size	=	26,372.638
			Design df	=	2,129

Overall quality of instruction	Frequency of in-person class		Total
	never/ 2 times a month	At least once a week	
1. Not at all satisfied	.033 [.0215, .0504]	.0306 [.0195, .0476]	.0319 [.0234, .0434]
2. Not too satisfied	.1157 [.0926, .1438]	.0657 [.0508, .0847]	.0926 [.0779, .1097]
3. Somewhat satisfied	.5006 [.4602, .5409]	.4137 [.3775, .4509]	.4604 [.4329, .4881]
4. Very satisfied	.3507 [.3129, .3904]	.49 [.4529, .5271]	.4152 [.3882, .4426]
Total	1	1	1

Key: column proportion
[95% confidence interval for column proportion]

Pearson:
Uncorrected chi2(3) = 47.8012
Design-based F(2.98, 6342.51) = 9.8889 P = 0.0000

Table B4: Frequency of being bored in class by frequency of having in-person classes (Figure 4)

Number of strata	=	1	Number of obs	=	2,168
Number of PSUs	=	2,168	Population size	=	26,934.143
			Design df	=	2,167

You were bored in class	Frequency of in-person class		Total
	never/ 2 times a month	At least once a week	
1. Never	.0218 [.0118, .0398]	.0057 [.0025, .013]	.0144 [.0085, .0242]
2. Rarely	.0706 [.0524, .0945]	.1059 [.0836, .1332]	.0868 [.0721, .1042]
3. Sometimes	.3591 [.3214, .3986]	.3984 [.3632, .4347]	.3772 [.351, .4041]
4. Often	.3508 [.3143, .389]	.3626 [.3275, .3991]	.3562 [.3305, .3827]
5. All the time	.1977 [.1675, .2319]	.1275 [.1057, .1529]	.1654 [.1458, .1871]
Total	1	1	1

Key: column proportion
[95% confidence interval for column proportion]

Pearson:
Uncorrected chi2(4) = 35.9403
Design-based F(3.94, 8532.32) = 5.6656 P = 0.0002

Table B5: Faculty engagement by frequency of in-person classes (Figure 5)

Number of strata = 1 Number of obs = 2,166
 Number of PSUs = 2,166 Population size = 26,922.119
 Design df = 2,165

Faculty encouraged you to ask questions	Frequency of in-person class		Total
	never/ 2 times a month	At least once a week	
1. Never	.0198 [.011, .0355]	.0115 [.0057, .0233]	.016 [.0101, .0252]
2. Rarely	.0704 [.0527, .0935]	.0342 [.0231, .0504]	.0538 [.0425, .0678]
3. Sometimes	.2946 [.2591, .3328]	.2362 [.206, .2693]	.2678 [.2437, .2932]
4. Often	.4193 [.3805, .4591]	.4836 [.4469, .5205]	.4489 [.4218, .4762]
5. All the time	.1958 [.1663, .2292]	.2344 [.2041, .2677]	.2136 [.192, .2369]
Total	1	1	1

Key: column proportion
 [95% confidence interval for column proportion]

Pearson:
 Uncorrected chi2(4) = 30.9671
 Design-based F(3.99, 8646.74) = 4.6886 P = 0.0009

Table B6: Faculty engagement by frequency of in-person classes (Figure 5)

Number of strata = 1 Number of obs = 2,165
 Number of PSUs = 2,165 Population size = 26,905.772
 Design df = 2,164

Your contributions were valued in class	Frequency of in-person class		Total
	never/ 2 times a month	At least once a week	
1. Never	.0586 [.0416, .082]	.0215 [.012, .0383]	.0416 [.0309, .0557]
2. Rarely	.161 [.1328, .1938]	.0731 [.0571, .0932]	.1206 [.1032, .1405]
3. Sometimes	.3686 [.331, .4079]	.3586 [.3235, .3954]	.364 [.3379, .391]
4. Often	.3009 [.2662, .338]	.411 [.3754, .4476]	.3515 [.3262, .3776]
5. All the time	.1109 [.0881, .1386]	.1357 [.1123, .1631]	.1223 [.1055, .1413]
Total	1	1	1

Key: column proportion
 [95% confidence interval for column proportion]

Pearson:
 Uncorrected chi2(4) = 73.6914
 Design-based F(3.96, 8559.91) = 10.8443 P = 0.0000

Table B7: Faculty engagement by frequency of in-person classes (Figure 5)

Number of strata = 1 Number of obs = 2,166
 Number of PSUs = 2,166 Population size = 26,922.119
 Design df = 2,165

Faculty provided you with good feedback	Frequency of in-person class		Total
	never/ 2 times a month	At least once a week	
1. Never	.0338 [.0218, .0521]	.0241 [.0157, .0368]	.0294 [.0214, .0402]
2. Rarely	.1244 [.1001, .1537]	.0875 [.0706, .1081]	.1074 [.0917, .1255]
3. Sometimes	.359 [.3222, .3976]	.3377 [.3035, .3736]	.3492 [.3237, .3756]
4. Often	.3722 [.3344, .4117]	.4221 [.386, .4591]	.3952 [.3686, .4223]
5. All the time	.1105 [.0867, .14]	.1285 [.1049, .1565]	.1188 [.1015, .1387]
Total	1	1	1

Key: column proportion
 [95% confidence interval for column proportion]

Pearson:
 Uncorrected chi2(4) = 14.0983
 Design-based F(3.96, 8578.28) = 2.1890 P = 0.0682

Table B8: Faculty engagement by frequency of in-person classes (Figure 5)

Number of strata = 1 Number of obs = 2,163
 Number of PSUs = 2,163 Population size = 26,892.484
 Design df = 2,162

Your courses inspired you to think in new ways	Frequency of in-person class		Total
	never/ 2 times a month	At least once a week	
1. Never	.0425 [.0292, .0615]	.0223 [.0141, .0351]	.0332 [.0247, .0445]
2. Rarely	.1397 [.1141, .1701]	.0809 [.0634, .1028]	.1127 [.0962, .1316]
3. Sometimes	.4027 [.364, .4427]	.362 [.3268, .3988]	.384 [.3574, .4113]
4. Often	.31 [.2745, .3479]	.3922 [.357, .4285]	.3478 [.3224, .3741]
5. All the time	.1051 [.0833, .1319]	.1426 [.1187, .1703]	.1223 [.1058, .1411]
Total	1	1	1

Key: column proportion
 [95% confidence interval for column proportion]

Pearson:
 Uncorrected chi2(4) = 42.0110
 Design-based F(3.98, 8615.36) = 6.6359 P = 0.0000

Table B9: Feeling belong at school by frequency of in-person classes (Figure 6)

Number of strata = 1 Number of obs = 2,140
 Number of PSUs = 2,140 Population size = 26,511.449
 Design df = 2,139

Feeling belong at your school	Frequency of in-person class		Total
	never/ 2 times a month	At least once a week	
1. Not at all	.1097 [.0869, .1375]	.0565 [.0414, .0768]	.085 [.0705, .1023]
2. A little	.2282 [.196, .264]	.1569 [.1327, .1846]	.1952 [.1741, .2181]
3. Somewhat	.3995 [.3606, .4396]	.4247 [.3885, .4617]	.4112 [.3842, .4386]
4. Very much	.2626 [.2288, .2995]	.3619 [.327, .3983]	.3086 [.2839, .3345]
Total	1	1	1

Key: column proportion
 [95% confidence interval for column proportion]

Pearson:
 Uncorrected chi2(3) = 49.3516
 Design-based F(3.00, 6411.00) = 10.0951 P = 0.0000

Table B10: Sense of belonging by residence situation (Figure 7)

Number of strata = 1 Number of obs = 2,259
 Number of PSUs = 2,259 Population size = 30,050.935
 Subpop. no. obs = 2,207
 Subpop. size = 28,849.873
 Design df = 2,258

Feeling belong at your school	Residence				Total
	on campus alone	on campus with others	off campus with parents	off campus with others	
1. Not at all	.1271 [.0837, .1883]	.0623 [.0467, .0827]	.0974 [.0626, .1486]	.0962 [.0664, .1374]	.0824 [.0684, .0988]
2. A little	.1926 [.1348, .2675]	.1507 [.1271, .1778]	.2901 [.2291, .3597]	.1903 [.1491, .2397]	.1871 [.1669, .2091]
3. Somewhat	.4803 [.397, .5648]	.4374 [.4016, .4738]	.3514 [.2828, .4268]	.3896 [.3372, .4447]	.4144 [.388, .4413]
4. Very much	.2 [.1519, .2587]	.3496 [.3157, .385]	.2611 [.1981, .3357]	.324 [.2749, .3773]	.3162 [.2917, .3417]
Total	1	1	1	1	1

Key: column proportion
 [95% confidence interval for column proportion]

Pearson:
 Uncorrected chi2(9) = 63.8626
 Design-based F(8.53, 19258.31) = 4.1837 P = 0.0000

Table B11: Sense of belonging by frequency of in-person and online socialization (Figure 8)

Number of strata	=	1	Number of obs	=	1,620
Number of PSUs	=	1,620	Population size	=	12,524.825
			Design df	=	1,619

Feeling belong at your school	Socializing in-person with school friends				Total
	Never/Tw Twice	Around once a week	Every few days	Every day	
1. Not at all	.1789 [.1357, .2322]	.0869 [.0559, .1326]	.0524 [.0338, .0802]	.0315 [.0192, .0511]	.075 [.0618, .0909]
2. A little	.3182 [.2641, .3776]	.2831 [.2234, .3515]	.2135 [.17, .2645]	.0961 [.0724, .1263]	.2002 [.1784, .2239]
3. Somewhat	.361 [.3066, .4193]	.4238 [.3565, .494]	.4713 [.4155, .528]	.3938 [.3492, .4403]	.4116 [.3841, .4397]
4. Very much	.1419 [.1043, .1901]	.2062 [.1556, .2682]	.2628 [.2161, .3154]	.4786 [.4321, .5255]	.3132 [.2872, .3404]
Total	1	1	1	1	1

Key: column proportion
[95% confidence interval for column proportion]

Pearson:
Uncorrected chi2(9) = 235.3311
Design-based F(8.96, 14503.97) = 20.1934 P = 0.0000

Table B12: Sense of belonging by frequency of in-person and online socialization (Figure 8)

Number of strata	=	1	Number of obs	=	1,616
Number of PSUs	=	1,616	Population size	=	12,489.001
			Design df	=	1,615

Feeling belong at your school	Socializing with friends online				Total
	Never/Tw Twice	Around once a week	Every few days	Every day	
1. Not at all	.0911 [.0659, .1248]	.0513 [.0305, .0848]	.0761 [.0503, .1135]	.0742 [.0511, .1065]	.0753 [.062, .0911]
2. A little	.2145 [.1737, .2617]	.2019 [.1549, .2588]	.1867 [.1465, .235]	.1949 [.1556, .2413]	.2001 [.1783, .2239]
3. Somewhat	.377 [.3277, .4289]	.4309 [.368, .4961]	.4489 [.3918, .5074]	.4039 [.353, .4569]	.4115 [.3839, .4396]
4. Very much	.3174 [.2699, .3691]	.316 [.2576, .3809]	.2883 [.2381, .3442]	.327 [.2788, .3791]	.3132 [.2872, .3404]
Total	1	1	1	1	1

Key: column proportion
[95% confidence interval for column proportion]

Pearson:
Uncorrected chi2(9) = 8.9029
Design-based F(8.97, 14485.18) = 0.7466 P = 0.6659

Table B13: Sense of belonging by frequency of participation in group activities (Figure 9)

Number of strata	=	1	Number of obs	=	2,275
Number of PSUs	=	2,275	Population size	=	30,151.495
			Design df	=	2,274

Feeling belong at your school	THIS SEMESTER how often did you volunteer?				Total
	Never	Once during Semester-3 times a month	At least once a week		
1. Not at all	.0915 [.074, .1125]	.0711 [.0474, .1054]	.0582 [.0321, .1032]		.0843 [.0704, .1006]
2. A little	.2045 [.1794, .2322]	.1636 [.1257, .2102]	.1383 [.0955, .1961]		.1902 [.17, .2121]
3. Somewhat	.4158 [.3838, .4484]	.4042 [.3527, .4579]	.435 [.3556, .518]		.4147 [.3887, .4412]
4. Very much	.2882 [.2598, .3184]	.3611 [.3107, .4148]	.3685 [.294, .4498]		.3108 [.2869, .3358]
Total	1	1	1		1

Key: column proportion
[95% confidence interval for column proportion]

Pearson:
Uncorrected chi2(6) = 18.6350
Design-based F(5.78, 13137.99) = 2.2250 P = 0.0401

Table B14: Sense of belonging by frequency of participation in group activities (Figure 9)

Number of strata	=	1	Number of obs	=	2,272
Number of PSUs	=	2,272	Population size	=	30,103.634
			Design df	=	2,271

Feeling belong at your school	THIS SEMESTER how often did you participate in student clubs/groups?				Total
	Never	Once during Semester-3 times a month	At least once a week		
1. Not at all	.1196 [.0891, .1587]	.1009 [.0747, .135]	.0428 [.0314, .0581]		.0841 [.0703, .1005]
2. A little	.2361 [.194, .2842]	.1843 [.1512, .2227]	.1581 [.1301, .1908]		.189 [.1689, .211]
3. Somewhat	.4106 [.3587, .4646]	.4292 [.3845, .4751]	.4071 [.3677, .4477]		.4155 [.3895, .442]
4. Very much	.2337 [.191, .2825]	.2856 [.2457, .3291]	.392 [.3534, .432]		.3113 [.2874, .3363]
Total	1	1	1		1

Key: column proportion
[95% confidence interval for column proportion]

Pearson:
Uncorrected chi2(6) = 74.3591
Design-based F(5.85, 13294.16) = 7.4604 P = 0.0000

Table B15: Sense of belonging by frequency of participation in group activities (Figure 9)

Number of strata	=	1	Number of obs	=	2,272
Number of PSUs	=	2,272	Population size	=	30,132.018
			Design df	=	2,271

Feeling belong at your school	THIS SEMESTER how often did you pursue passion/hobby in a group setting?				Total
	Never	Once during Semester-3 times a month	At least once a week		
1. Not at all	.1253 [.0968, .1606]	.0582 [.0419, .0803]	.0748 [.0504, .1098]		.0841 [.0702, .1004]
2. A little	.224 [.187, .266]	.1821 [.1522, .2163]	.16 [.125, .2025]		.19 [.1699, .212]
3. Somewhat	.398 [.3518, .4461]	.4354 [.3964, .4753]	.4021 [.351, .4554]		.4149 [.3889, .4414]
4. Very much	.2527 [.2125, .2977]	.3243 [.2887, .362]	.3631 [.3141, .4151]		.311 [.2871, .336]
Total	1	1	1		1

Key: column proportion
[95% confidence interval for column proportion]

Pearson:
 Uncorrected chi2(6) = 45.8766
 Design-based F(5.99, 13602.90) = 4.4591 P = 0.0002

Table B16: Sense of belonging by frequency of participation in group activities (Figure 9)

Number of strata	=	1	Number of obs	=	2,270
Number of PSUs	=	2,270	Population size	=	30,099.613
			Design df	=	2,269

Feeling belong at your school	THIS SEMESTER how often did you play sports or exercise in a group setting?				Total
	Never	Once during Semester-3 times a month	At least once a week		
1. Not at all	.1248 [.1009, .1534]	.0378 [.0242, .0585]	.0632 [.0378, .1039]		.0835 [.0697, .0998]
2. A little	.2365 [.2041, .2722]	.153 [.1242, .1869]	.1423 [.1043, .1912]		.1899 [.1697, .2118]
3. Somewhat	.4153 [.3771, .4545]	.4269 [.3821, .473]	.3966 [.3407, .4554]		.4155 [.3894, .442]
4. Very much	.2234 [.1922, .2582]	.3823 [.3389, .4276]	.3979 [.3429, .4555]		.3111 [.2872, .3362]
Total	1	1	1		1

Key: column proportion
[95% confidence interval for column proportion]

Pearson:
 Uncorrected chi2(6) = 115.8284
 Design-based F(5.95, 13499.03) = 11.3779 P = 0.0000

Table B17: Sense of belonging by racial/ethnic identity (Figure 10)

Number of strata = 1
 Number of PSUs = 2,239
 Number of obs = 2,239
 Population size = 29,546.833
 Design df = 2,238

Feeling belong at your school	Ethnicity (Census style)					Total
	Asian	Black	Hispanic	Other et	White	
1. Not at all	.0714 [.0484,.1042]	.1911 [.1134,.3039]	.1286 [.0835,.193]	.1205 [.0492,.2663]	.0681 [.0515,.0896]	.0827 [.0689,.0991]
2. A little	.1909 [.1554,.2324]	.3761 [.2699,.4958]	.1974 [.1416,.2682]	.1799 [.0918,.3224]	.1759 [.1484,.2074]	.1915 [.1711,.2137]
3. Somewhat	.4906 [.4388,.5427]	.3188 [.2204,.4365]	.4329 [.3561,.5131]	.3809 [.2444,.5392]	.3835 [.3488,.4194]	.4166 [.3903,.4433]
4. Very much	.247 [.2039,.2958]	.114 [.0621,.2002]	.2411 [.1806,.3141]	.3187 [.1966,.4721]	.3724 [.3382,.4079]	.3092 [.2851,.3344]
Total	1	1	1	1	1	1

Key: column proportion
 [95% confidence interval for column proportion]

Pearson:
 Uncorrected chi2(12) = 97.8678
 Design-based F(11.85, 26516.61)= 5.0516 P = 0.0000

Table B18: Sense of belonging by gender and LGBTQ identification (Figure 11)

Number of strata = 1
 Number of PSUs = 2,252
 Number of obs = 2,252
 Population size = 29,719.145
 Design df = 2,251

Feeling belong at your school	gender_lgbtq			Total
	non-LGBTQ male	non-LGBTQ female	all LGBTQ	
1. Not at all	.076 [.0547,.1047]	.0666 [.0504,.0877]	.1234 [.0907,.1657]	.0839 [.07,.1003]
2. A little	.1981 [.1635,.2379]	.1495 [.1264,.176]	.2352 [.1908,.2864]	.1901 [.1698,.2122]
3. Somewhat	.4092 [.3634,.4566]	.4323 [.3969,.4683]	.4086 [.3561,.4633]	.417 [.3908,.4436]
4. Very much	.3167 [.2748,.3618]	.3516 [.3178,.3869]	.2328 [.1896,.2824]	.309 [.285,.3341]
Total	1	1	1	1

Key: column proportion
 [95% confidence interval for column proportion]

Pearson:
 Uncorrected chi2(6) = 41.3014
 Design-based F(5.79, 13040.27)= 4.2632 P = 0.0003

Table B19: Frequency of mental health difficulties by frequency of feeling lonely (Figure 12)

Number of strata	=	1	Number of obs	=	1,620
Number of PSUs	=	1,620	Population size	=	12,525.373
			Design df	=	1,619

Emotional/mental difficulties in the past week		Loneliness, past week			Total
		Never/rarely	Sometimes	Often/ all the time	

Never/rarely		.7281	.3121	.109	.4087
		[.6849,.7673]	[.2723,.3549]	[.0772,.1517]	[.3809,.4371]
Sometimes		.2024	.4585	.2658	.3199
		[.1677,.2421]	[.4142,.5035]	[.2203,.317]	[.2942,.3467]
Often/all the time		.0695	.2294	.6252	.2714
		[.0502,.0955]	[.1945,.2684]	[.5699,.6774]	[.2474,.2968]
Total		1	1	1	1

Key: column proportion
[95% confidence interval for column proportion]

Pearson:
Uncorrected chi2(4) = 589.9258
Design-based F(3.98, 6439.74) = 113.4643 P = 0.0000

Table B20: Needing help from a mental health professional by frequency of feeling lonely (Figure 13)

Number of strata	=	1	Number of obs	=	1,616
Number of PSUs	=	1,616	Population size	=	12,484.005
			Design df	=	1,615

THIS SEMESTER, did you NEED help from healthcare for a mental health concern?		Loneliness, past week			Total
		Never/rarely	Sometimes	Often/ all the time	

Not selected		.8861	.7462	.6102	.7616
		[.8561,.9105]	[.7066,.7821]	[.5563,.6615]	[.738,.7837]
Selected		.1139	.2538	.3898	.2384
		[.0895,.1439]	[.2179,.2934]	[.3385,.4437]	[.2163,.262]
Total		1	1	1	1

Key: column proportion
[95% confidence interval for column proportion]

Pearson:
Uncorrected chi2(2) = 100.3967
Design-based F(1.99, 3220.10) = 42.6209 P = 0.0000

Table B21: Frequency of mental health challenges by size of social support network (Figure 14)

Number of strata	=	1	Number of obs	=	1,617
Number of PSUs	=	1,617	Population size	=	12,510.698
			Design df	=	1,616

Emotional/mental difficulties in the past week	How many people would you say you can rely on?			
	No one/ few people	A fair number	A lot of people	Total
Never/rarely	.3078 [.2678, .351]	.4474 [.4049, .4907]	.5736 [.4999, .6441]	.4083 [.3804, .4367]
Sometimes	.303 [.2647, .3443]	.3648 [.3243, .4072]	.2399 [.184, .3064]	.3202 [.2945, .3471]
Often/all the time	.3891 [.3474, .4325]	.1878 [.1584, .2213]	.1866 [.1351, .2519]	.2715 [.2475, .2969]
Total	1	1	1	1

Key: column proportion
[95% confidence interval for column proportion]

Pearson:
 Uncorrected $\chi^2(4)$ = 104.2686
 Design-based $F(3.99, 6444.27)$ = 19.4800 $P = 0.0000$

Table B22: Frequency of mental health difficulties by gender and LGBTQ identification (Figure 15)

Number of strata	=	1	Number of obs	=	1,609
Number of PSUs	=	1,609	Population size	=	12,452.57
			Design df	=	1,608

Emotional/mental difficulties in the past week	gender_lgbtq			Total
	non-LGBTQ male	non-LGBTQ female	all LGBTQ	
Never/rarely	.482 [.4319, .5325]	.3897 [.3543, .4262]	.253 [.2004, .314]	.408 [.3801, .4365]
Sometimes	.2955 [.2516, .3434]	.3475 [.313, .3836]	.3247 [.2689, .386]	.3211 [.2953, .348]
Often/all the time	.2225 [.1833, .2673]	.2629 [.2319, .2964]	.4222 [.3621, .4848]	.2709 [.2468, .2964]
Total	1	1	1	1

Key: column proportion
[95% confidence interval for column proportion]

Pearson:
 Uncorrected $\chi^2(4)$ = 56.1614
 Design-based $F(3.87, 6225.17)$ = 11.1152 $P = 0.0000$

Technical Appendix C: Models and Additional Analyses

This appendix presents the results of OLS and ordered-logistic regression models that were used to corroborate findings of the report. All models were run on weighted data. It also presents the results of the exploratory factor analysis that was used to create satisfaction and efficacy scales, which serve as dependent variables in models pertaining to pedagogy.

Table C1.1: Variables related to pedagogy

variable name	variable label
---------------	----------------

acvalnew	* Your courses inspired you to think in new ways
acvalfdbk	* Faculty provided you with good feedback
acvalcontrib	* Your contributions were valued in class
acvaldiscuss	* Faculty encouraged you to ask questions
acvalbored_rv~d	* This semester how often did you feel bored in class? (reverse coded)
rtuninstruct_ed	* Overall quality of instruction

Table C1.2: Rotated (Varimax) solution of Factor analysis (referenced in endnote 2 of the report)

Rotated factor loadings (pattern matrix) and unique variances sorted

Variable	Factor1	Factor2	Uniqueness
z_acvaldis~s	0.6344	0.2777	0.5204
z_acvalcon~b	0.6301	0.3310	0.4934
z_acvalfdbk	0.5882	0.3420	0.5371
z_acvalnew	0.5358	0.4676	0.4942
z_acvalbo~sd	0.2212	0.5026	0.6984
z_rtuninst~d	0.2962	0.4851	0.6769

As can be seen from the rotated solution table, frequency of feeling bored and overall satisfaction with instruction from one factor (satisfaction) while all other pedagogy-related variables create another factor (efficacy). Based on these results we created two separate scales—*efficacy* and *satisfaction*.

Table C2: OLS regression of pedagogical efficacy, controlling for class size, use of breakout rooms, having virtual lectures, stress related to academic performance, class year, school, race/ethnicity, gender and LGBTQ status (referenced in endnote 3 of the report)

Linear regression		Number of obs		=	2,069		
		F(19, 2049)		=	3.76		
		Prob > F		=	0.0000		
		R-squared		=	0.0569		
		Root MSE		=	.9746		

efficacy_fa		Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	

class_in_pesoron							
At least once a week		.3322992	.0653313	5.09	0.000	.2041766	.4604218
recorded_lecture							
At least once a week		-.1038883	.063488	-1.64	0.102	-.228396	.0206194
virtual_lecture							
At least once a week		.0043079	.0865571	0.05	0.960	-.1654411	.1740569
breakout_rooms							
At least once a week		.2524006	.0653743	3.86	0.000	.1241936	.3806075
max_class_size							
0-30		.1932128	.0736779	2.62	0.009	.0487215	.3377041
31-50		.0626389	.0695597	0.90	0.368	-.0737762	.199054
academ_perform_stress							
Very much		-.1306999	.0590421	-2.21	0.027	-.2464887	-.0149111
class_year							
2. Sophomore (2nd year)		-.0746131	.0769316	-0.97	0.332	-.2254854	.0762592
3. Junior (3rd year)		-.289793	.0891954	-3.25	0.001	-.464716	-.1148699
4. Senior (4th year)		-.0761303	.0849425	-0.90	0.370	-.2427129	.0904523
housing2ct							
In controlled housing		-.1023573	.0701762	-1.46	0.145	-.2399814	.0352667
university							
BC		-.0858351	.0693811	-1.24	0.216	-.2218999	.0502298
NEU		-.0568063	.0635735	-0.89	0.372	-.1814818	.0678692
ethnicity_ed							
Asian		.0734083	.0651632	1.13	0.260	-.0543847	.2012013
Black		.2444635	.1248691	1.96	0.050	-.0004201	.4893471
Hispanic		.0382865	.096913	0.40	0.693	-.1517717	.2283448
Other ethnicity		.0157683	.1719995	0.09	0.927	-.3215437	.3530803
gender_lgbtq							
non LGBTQ female		.0562987	.0628976	0.90	0.371	-.0670511	.1796486
all LGBTQ and non-binary		-.0069105	.0795494	-0.09	0.931	-.1629166	.1490956
_cons		3.395049	.1439476	23.59	0.000	3.11275	3.677348

Table C3: OLS regression of satisfaction scale, controlling for class size, use of breakout rooms, having virtual lectures, stress related to academic performance, class year, school, race/ethnicity, gender and LGBTQ status (referenced in endnote 2 of the report)

Linear regression		Number of obs	=	2,051		
		F(19, 2031)	=	4.41		
		Prob > F	=	0.0000		
		R-squared	=	0.0623		
		Root MSE	=	.97502		
satisfaction_fa		Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]
class_in_pesoron						
At least once a week		.3168996	.0649039	4.88	0.000	.1896144 .4441847
recorded_lecture						
At least once a week		-.0851305	.0632004	-1.35	0.178	-.2090749 .0388139
virtual_lecture						
At least once a week		.0128934	.0845209	0.15	0.879	-.1528634 .1786501
breakout_rooms						
At least once a week		-.0058524	.0656762	-0.09	0.929	-.1346521 .1229473
max_class_size						
0-30		.2048137	.0729598	2.81	0.005	.0617297 .3478976
31-50		-.0241526	.072202	-0.33	0.738	-.1657503 .1174451
academ_perform_stress						
Very much		-.1504893	.059648	-2.52	0.012	-.2674669 -.0335117
class_year						
2. Sophomore (2nd year)		-.2494987	.0764577	-3.26	0.001	-.3994423 -.099555
3. Junior (3rd year)		-.3455563	.0869119	-3.98	0.000	-.5160022 -.1751105
4. Senior (4th year)		-.11075	.0843314	-1.31	0.189	-.2761351 .0546351
housing2ct						
In controlled housing		-.1708483	.0668444	-2.56	0.011	-.301939 -.0397575
university						
BC		-.0200609	.0665725	-0.30	0.763	-.1506184 .1104966
NEU		.0011015	.062855	0.02	0.986	-.1221655 .1243685
ethnicity_ed						
Asian		.173097	.0676192	2.56	0.011	.0404867 .3057073
Black		-.0423501	.1032005	-0.41	0.682	-.2447399 .1600397
Hispanic		-.0791297	.1061065	-0.75	0.456	-.2872186 .1289592
Other ethnicity		-.1165118	.1551338	-0.75	0.453	-.4207498 .1877261
gender_lgbtq						
non LGBTQ female		.1566239	.0636878	2.46	0.014	.0317237 .281524
all LGBTQ and non-binary		.0275938	.0783098	0.35	0.725	-.125982 .1811696
_cons		2.929523	.1417801	20.66	0.000	2.651474 3.207573

Table C4: OLS regression of pedagogical efficacy with three-category variable for frequency of in-person classes, controlling for class size, use of breakout rooms, having virtual lectures, stress related to academic performance, class year, school, race/ethnicity, gender and LGBTQ status (referenced in endnote 4 of the report)

Linear regression		Number of obs	=	2,069			
		F(20, 2048)	=	3.64			
		Prob > F	=	0.0000			
		R-squared	=	0.0590			
		Root MSE	=	.97376			
efficacy_fa		Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
class_in_pesoron_3ct							
Never		.1369021	.0973898	1.41	0.160	-.0540913	.3278956
At least once a week		.4046008	.0857814	4.72	0.000	.2363729	.5728288
recorded_lecture							
At least once a week		-.103984	.063584	-1.64	0.102	-.22868	.0207121
virtual_lecture							
At least once a week		.0046142	.0865135	0.05	0.957	-.1650493	.1742778
breakout_rooms							
At least once a week		.2458509	.0661759	3.72	0.000	.1160718	.3756301
max_class_size							
0-30		.1939836	.0740491	2.62	0.009	.0487643	.339203
31-50		.0629601	.0694483	0.91	0.365	-.0732365	.1991567
academ_perform_stress							
Very much		-.1252537	.0592507	-2.11	0.035	-.2414517	-.0090558
class_year							
2. Sophomore (2nd year)		-.0779497	.0769645	-1.01	0.311	-.2288865	.0729871
3. Junior (3rd year)		-.2887303	.089288	-3.23	0.001	-.463835	-.1136257
4. Senior (4th year)		-.0837732	.0848558	-0.99	0.324	-.250186	.0826396
housing2ct							
In controlled housing		-.076387	.0722162	-1.06	0.290	-.2180119	.0652378
university							
BC		-.0637862	.070339	-0.91	0.365	-.2017297	.0741573
NEU		-.0372424	.0638407	-0.58	0.560	-.1624418	.0879571
ethnicity_ed							
Asian		.0664865	.0657374	1.01	0.312	-.0624327	.1954057
Black		.2507695	.1278602	1.96	0.050	.0000199	.501519
Hispanic		.0406936	.0969211	0.42	0.675	-.1493806	.2307678
Other ethnicity		.0209914	.1742405	0.12	0.904	-.3207157	.3626985
gender_lgbtq							
non LGBTQ female		.053005	.0626529	0.85	0.398	-.0698651	.1758751
all LGBTQ and non-binary		-.0078079	.0794844	-0.10	0.922	-.1636865	.1480708
_cons		3.288753	.1603422	20.51	0.000	2.974302	3.603204

Table C5: OLS regression of satisfaction scale with three-category variable for frequency of in-person classes, controlling for class size, use of breakout rooms, having virtual lectures, stress related to academic performance, class year, school, race/ethnicity, gender and LGBTQ status (referenced in endnote 4 of the report)

Linear regression		Number of obs	=	2,051			
		F(20, 2030)	=	4.18			
		Prob > F	=	0.0000			
		R-squared	=	0.0633			
		Root MSE	=	.97469			
satisfaction_fa		Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
class_in_pesoron_3ct							
Never		.0991705	.1000339	0.99	0.322	-.0970093	.2953504
At least once a week		.3689677	.0860799	4.29	0.000	.2001535	.5377819
recorded_lecture							
At least once a week		-.0850714	.0632337	-1.35	0.179	-.2090812	.0389384
virtual_lecture							
At least once a week		.0130035	.0849425	0.15	0.878	-.1535802	.1795871
breakout_rooms							
At least once a week		-.0109649	.0660386	-0.17	0.868	-.1404753	.1185456
max_class_size							
0-30		.2054543	.0730174	2.81	0.005	.0622575	.3486511
31-50		-.0237307	.0720367	-0.33	0.742	-.1650043	.1175429
academ_perform_stress							
Very much		-.1466064	.0591295	-2.48	0.013	-.2625673	-.0306455
class_year							
2. Sophomore (2nd year)		-.2520797	.0764221	-3.30	0.001	-.4019536	-.1022058
3. Junior (3rd year)		-.3448789	.086828	-3.97	0.000	-.5151601	-.1745977
4. Senior (4th year)		-.116109	.0848392	-1.37	0.171	-.2824899	.0502718
housing2ct							
In controlled housing		-.1520235	.0706414	-2.15	0.032	-.2905607	-.0134864
university							
BC		-.0039057	.0688793	-0.06	0.955	-.1389871	.1311757
NEU		.0151979	.0626528	0.24	0.808	-.1076725	.1380683
ethnicity_ed							
Asian		.1682943	.0681753	2.47	0.014	.0345933	.3019952
Black		-.0378249	.1038244	-0.36	0.716	-.2414383	.1657885
Hispanic		-.0775336	.1064944	-0.73	0.467	-.2863833	.1313161
Other ethnicity		-.1125074	.1563718	-0.72	0.472	-.4191733	.1941585
gender_lgbtq							
non LGBTQ female		.1541018	.0632326	2.44	0.015	.0300943	.2781093
all LGBTQ and non-binary		.0267503	.078166	0.34	0.732	-.1265437	.1800443
_cons		2.853098	.1611628	17.70	0.000	2.537036	3.16916

Table C6: Ordered logistic regression of feelings of belonging at school, controlling for financial stress, stress related to academic performance, having sig. other, importance of religion, priority to go parties/clubs, school, ethnicity, gender and LGBTQ identity (referenced in endnote 5 of the report)

Ordered logistic regression		Number of obs	=	2,060		
		Wald chi2(18)	=	168.28		
		Prob > chi2	=	0.0000		
Log pseudolikelihood = -30342.836		Pseudo R2	=	0.0534		
univbelong		Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]
financial_stress_idx		-.3047954	.0630874	-4.83	0.000	-.4284445 -.1811464
academ_perform_stress						
Very much		-.3412203	.1184336	-2.88	0.004	-.5733458 -.1090947
having_sig_other						
1. Yes, have significant other		.1618345	.1148265	1.41	0.159	-.0632213 .3868903
class_in_pesoron						
At least once a week		.374543	.1325229	2.83	0.005	.1148029 .6342831
residence_v2						
on campus and live alone		.1506087	.2351924	0.64	0.522	-.3103598 .6115773
on campus with others		.6129011	.2050806	2.99	0.003	.2109506 1.014852
off campus with others		.2303097	.223734	1.03	0.303	-.2082009 .6688204
off campus, other		-.1977157	.454602	-0.43	0.664	-1.088719 .6932878
importance_of_the_religion						
Very much		.3691368	.1653082	2.23	0.026	.0451386 .6931349
priority_parties_clubs		.200375	.0583758	3.43	0.001	.0859606 .3147894
university						
BC		-.4408412	.1282256	-3.44	0.001	-.6921587 -.1895236
NEU		-.0145038	.1200497	-0.12	0.904	-.2497969 .2207892
ethnicity_ed						
Asian		-.1946739	.1337775	-1.46	0.146	-.4568729 .0675251
Black		-1.168888	.2425697	-4.82	0.000	-1.644316 -.69346
Hispanic		-.5190733	.1823592	-2.85	0.004	-.8764908 -.1616557
Other ethnicity		-.4574536	.3811847	-1.20	0.230	-1.204562 .2896547
gender_lgbtq						
non LGBTQ female		.2391917	.1198437	2.00	0.046	.0043023 .474081
all LGBTQ and non-binary		-.439475	.156132	-2.81	0.005	-.7454882 -.1334619
/cut1		-2.69649	.267542			-3.220863 -2.172117
/cut2		-1.141745	.2639027			-1.658985 -.6245051
/cut3		.7949717	.2645256			.2765111 1.313432

Table C7: Ordered logistic regression of feelings of belonging at school with socializing variables and social embeddedness, controlling for financial stress, stress related to academic performance, having sig. other, importance of religion, priority to go parties/clubs, school, ethnicity, gender and LGBTQ identity (referenced in endnote 5 and 6 of the report)

Ordered logistic regression		Number of obs	=	2,054			
		Wald chi2(22)	=	272.59			
		Prob > chi2	=	0.0000			
Log pseudolikelihood = -29257.749		Pseudo R2	=	0.0854			
		Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
univbelong							
financial_stress_idx		-.2989114	.0649829	-4.60	0.000	-.4262756	-.1715473
academ_perform_stress							
Very much		-.3878492	.1207357	-3.21	0.001	-.6244869	-.1512115
having_sig_other							
1. Yes, have significant other		.2180604	.1172944	1.86	0.063	-.0118324	.4479533
class_in_pesoron							
At least once a week		.1625477	.1396641	1.16	0.244	-.1111888	.4362842
residence_v2							
on campus and live alone		-.5394864	.2538383	-2.13	0.034	-1.037	-.0419725
on campus with others		-.0775577	.2300748	-0.34	0.736	-.528496	.3733805
off campus with others		-.1554209	.2351729	-0.66	0.509	-.6163512	.3055094
off campus, other		-.3977356	.5545209	-0.72	0.473	-1.484577	.6891054
importance_of_the_religion							
Very much		.2833825	.180743	1.57	0.117	-.0708673	.6376324
priority_parties_clubs		.0396457	.0635069	0.62	0.532	-.0848254	.1641169
university							
BC		-.3860439	.1296661	-2.98	0.003	-.6401847	-.1319031
NEU		.1486849	.1237472	1.20	0.230	-.0938551	.3912249
ethnicity_ed							
Asian		-.1435909	.1411858	-1.02	0.309	-.42031	.1331281
Black		-1.168153	.2400659	-4.87	0.000	-1.638674	-.6976325
Hispanic		-.4398367	.1807902	-2.43	0.015	-.794179	-.0854943
Other ethnicity		-.4127453	.3783843	-1.09	0.275	-1.154365	.3288742
gender_lgbtq							
non LGBTQ female		.2461547	.1254292	1.96	0.050	.0003179	.4919915
all LGBTQ and non-binary		-.4305898	.158218	-2.72	0.006	-.7406914	-.1204881
socializing_school_frnds		.4349529	.0638309	6.81	0.000	.3098467	.5600592
socializing_non_school_frnds		-.077369	.0899104	-0.86	0.390	-.2535902	.0988522
virtual_socializing		.1062348	.0462321	2.30	0.022	.0156215	.196848
social_embeddedness_idx		.2652474	.064243	4.13	0.000	.1393334	.3911615
/cut1		-1.763184	.3239078			-2.398032	-1.128336
/cut2		-.1323279	.3237488			-.7668639	.5022081
/cut3		1.926955	.3321615			1.275931	2.57798

Table C8: Ordered logistic regression of frequency of mental health difficulties, controlling for loneliness, living situation, in-person classes, size of social support network, virtual and in-person socializing and social embeddedness, financial stress, academic stress, having a significant other, importance of religion, priority to go parties/clubs, class year, school, race/ethnicity, gender, and LGBTQ status (referenced in endnote 8 of the report).

Ordered logistic regression		Number of obs = 1,558					
		Wald chi2(28) = 497.99					
		Prob > chi2 = 0.0000					
Log pseudolikelihood = -14665.967		Pseudo R2 = 0.2081					

	relemot	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

	financial_stress_idx	.355519	.0628757	5.65	0.000	.232285	.4787531
	academ_perform_stress						
	Very much	.5602154	.119512	4.69	0.000	.3259762	.7944547
	support_network						
	A fair number of people	-.3600653	.1335237	-2.70	0.007	-.6217669	-.0983637
	A lot of people	-.406921	.1990747	-2.04	0.041	-.7971003	-.0167418
	having_sig_other						
1. Yes, have significant other		.1142932	.1184102	0.97	0.334	-.1177864	.3463729
	residence_v2						
	on campus and live alone	-.0649893	.2457597	-0.26	0.791	-.5466695	.4166908
	on campus with others	.0609053	.2279065	0.27	0.789	-.3857832	.5075939
	off campus with others	.0766414	.2405623	0.32	0.750	-.394852	.5481349
	off campus, other	-.0068167	.5149049	-0.01	0.989	-1.016012	1.002378
	socializing_school_frnds	.0691008	.0597246	1.16	0.247	-.0479572	.1861588
	socializing_non_school_frnds	-.0092148	.0626223	-0.15	0.883	-.1319522	.1135226
	virtual_socializing	.0024225	.0467896	0.05	0.959	-.0892835	.0941284
	social_embeddedness_idx	-.049116	.0634276	-0.77	0.439	-.1734318	.0751999
	importance_of_the_religion						
	Very much	-.2840735	.1598823	-1.78	0.076	-.597437	.02929
	priority_parties_clubs	.0450897	.0660238	0.68	0.495	-.0843145	.1744939
	university						
	BC	-.069499	.1362316	-0.51	0.610	-.3365079	.19751
	ethnicity_ed						
	Asian	-.161055	.1409928	-1.14	0.253	-.4373959	.1152858
	Black	-.24747	.3066452	-0.81	0.420	-.8484836	.3535437
	Hispanic	.1192046	.1829535	0.65	0.515	-.2393776	.4777868
	Other ethnicity	.3296722	.4851655	0.68	0.497	-.6212347	1.280579
	gender_lgbtq						
	non LGBTQ female	.1694952	.1227638	1.38	0.167	-.0711173	.4101078
	all LGBTQ and non-binary	.586826	.1864216	3.15	0.002	.2214465	.9522055
	felt_lonely						
	2. Rarely	1.53009	.2702805	5.66	0.000	1.00035	2.05983
	3. Sometimes	2.832881	.2704356	10.48	0.000	2.302837	3.362925
	4. Often	3.866244	.3069887	12.59	0.000	3.264557	4.467931
	5. All the time	6.558671	.455623	14.39	0.000	5.665666	7.451676
	concern_to_spread_covid	.185368	.0640452	2.89	0.004	.0598418	.3108942
	class_in_pesoron						
	At least once a week	-.053465	.1371481	-0.39	0.697	-.3222703	.2153403

	/cut1	2.037653	.4471991			1.161159	2.914147
	/cut2	3.832164	.4645519			2.921659	4.742669
	/cut3	5.85746	.4755879			4.925325	6.789596

/cut4 | 7.737524 .5038143 6.750066 8.724982

Table C9: Ordered logistic regression on frequency of mental health difficulties, including variables for living situation, in-person classes, size of social support network, virtual and in-person socializing and social embeddedness. The model also controlled for financial stress, academic stress, having a significant other, importance of religion, priority to go parties/clubs, class year, school, race/ethnicity, gender, and LGBTQ status (referenced in endnote 9 of the report)

Ordered logistic regression			Number of obs	=	1,558		
			Wald chi2(24)	=	293.21		
			Prob > chi2	=	0.0000		
Log pseudolikelihood = -17023.366			Pseudo R2	=	0.0808		

	relemot	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

	financial_stress_idx	.4170751	.064105	6.51	0.000	.2914315	.5427186
	academ_perform_stress						
	Very much	.8345576	.1180517	7.07	0.000	.6031804	1.065935
	support_network						
	A fair number of people	-.8063681	.1254751	-6.43	0.000	-1.052295	-.5604414
	A lot of people	-1.120843	.1917299	-5.85	0.000	-1.496626	-.7450589
	having_sig_other						
1. Yes, have significant other		-.2443496	.1219856	-2.00	0.045	-.483437	-.0052621
	residence_v2						
	on campus and live alone	.1589637	.270358	0.59	0.557	-.3709282	.6888557
	on campus with others	.0860347	.2543892	0.34	0.735	-.412559	.5846284
	off campus with others	-.0414163	.2639923	-0.16	0.875	-.5588318	.4759992
	off campus, other	.1440395	.5231131	0.28	0.783	-.8812433	1.169322
	socializing_school_frnds	-.0184862	.0616769	-0.30	0.764	-.1393706	.1023982
	socializing_non_school_frnds	-.0410049	.0640754	-0.64	0.522	-.1665903	.0845805
	virtual_socializing	.0065483	.0447824	0.15	0.884	-.0812236	.0943202
	social_embeddedness_idx	.0071611	.0623845	0.11	0.909	-.1151103	.1294324
	importance_of_the_religion						
	Very much	-.4524495	.1601525	-2.83	0.005	-.7663426	-.1385564
	priority_parties_clubs	.1604532	.0674076	2.38	0.017	.0283368	.2925696
	university						
	BC	-.0314321	.1327859	-0.24	0.813	-.2916876	.2288234
	ethnicity_ed						
	Asian	-.2214254	.1426865	-1.55	0.121	-.5010859	.058235
	Black	-.099348	.267713	-0.37	0.711	-.6240558	.4253598
	Hispanic	.0141135	.1722067	0.08	0.935	-.3234055	.3516325
	Other ethnicity	.1144658	.5290693	0.22	0.829	-.9224909	1.151422
	gender_lgbtq						
	non LGBTQ female	.2070967	.124832	1.66	0.097	-.0375696	.451763
	all LGBTQ and non-binary	.7661881	.1733781	4.42	0.000	.4263732	1.106003
	concern_to_spread_covid	.1732138	.0619016	2.80	0.005	.0518888	.2945388
	class_in_pesoron						
	At least once a week	-.0291798	.1368465	-0.21	0.831	-.297394	.2390345

	/cut1	-.1292268	.3933109			-.900102	.6416484
	/cut2	1.307015	.3878056			.5469298	2.0671
	/cut3	2.941037	.3943482			2.168129	3.713946
	/cut4	4.350018	.4105053			3.545442	5.154593

Technical Appendix D: Survey Instruments

Campus Study 2021_Boston College/Brandeis University

Start of Block: Welcome

Q1 Welcome

Thank you for participating in this survey about the impact of the COVID-19 pandemic on undergraduate students in the US. The survey is conducted in partnership with Boston College and is part of a larger study about the impact of the pandemic that includes undergraduates at a number of US universities. We know this is a difficult time and we appreciate you sharing your experiences.

Why we are asking you to participate in this study

You are part of a random sample of [\\${e://Field/UNIVERSITY_FORMAL}](#) undergraduates who were selected to participate in this study. Completing this survey will not benefit you directly. However, your responses are important and will help colleges and universities understand the needs of students like you.

What to expect

This survey asks about your studies, work, health, and social life during the 2020-21 academic year. The survey **will take about 15-20 minutes to complete**.

You may find some questions about your experience with coronavirus upsetting. Your participation is voluntary and you are free to skip any question or end the survey at any time. To thank you for your time, we will send you a \$10 Amazon.com gift card when you have finished the survey. If you prefer, we will donate \$10 on your behalf to [The Greater Boston Food Bank](#).

Confidentiality

Any information you provide will remain strictly confidential and will only be reported in the aggregate. Only members of the research team will have access to individuals' data that will be housed on secure servers at Brandeis University. The information you give us may be de-identified and used for other research in the future.

Questions and concerns

The study is being conducted by Professor Leonard Saxe at Brandeis University. If you have any questions or concerns about the research, you can email us at campusstudy@brandeis.edu or call 781-736-3821. This research was approved by a committee that oversees the ethics of research conducted by Brandeis University. If you have any questions about your rights - or if you have concerns about the study - you may contact them at 781-736-8133 or irb@brandeis.edu. To download a copy of this introductory message, which serves as your

consent to participate in this research, please [click here](#).

By clicking the arrow button at the bottom of this page, you are agreeing that: You are at least 18 years old. You have read the information above and have no more questions about the research. You would like to be a part of this research. You understand you may quit the survey at any time.

Page Break

End of Block: Welcome

Start of Block: SCREENER



STDNTNOW Are you currently an UNDERGRADUATE student at [\\${e://Field/UNIVERSITY}](#)?

- ☐ No, not an undergraduate (0)
- ☐ Yes, an undergraduate (1)

STDNTFTPT Are you a...?

- ☐ Full-time student (1)
- ☐ Part-time student (2)

End of Block: SCREENER

Start of Block: Student Info

STDNTYR Are you currently a...?

- ☐ Freshman (1st year) (1)
- ☐ Sophomore (2nd year) (2)
- ☐ Junior (3rd year) (3)
- ☐ Senior (4th year) (4)
- ☐ Something else (please specify): (5)
-
-

TRNSFRSDNT In the FALL SEMESTER, were you a...?

- ☐ A student at \${e://Field/UNIVERSITY} (1)
 - ☐ A student at a different school (2)
 - ☐ Wasn't a student (4)
 - ☐ Something else (please specify): (5)
-

Page Break



HOUSING CURRENTLY, do you live...?

- ☐ In [\\${e://Field/UNIVERSITY}](#) controlled housing (e.g., a dorm, hotel or apartment managed by [\\${e://Field/UNIVERSITY}](#), etc.) (1)
- ☐ Off campus, close enough to come to campus in-person (2)
- ☐ Off campus, too far to come to campus regularly (3)
- ☐ Something else, please explain: (4)
-



LIVEWHO CURRENTLY, who do you live with? (check all that apply)

- ☐ Your parents (1)
- ☐ Roommates (2)
- ☐ Partner / Significant other (3)
- ☒ I live alone (4)
- ☐ Someone else, please explain: (5)
-

Page Break

PERMRES Is your permanent residence in...?

- ☐ The United States (1)
- ☐ Another country. Which: (2)
-

Display This Question:

If PERMRES = 1

ZIPCODE What is the zip code of your permanent residence?

End of Block: Student Info

Start of Block: COVID Health

Q485 The coronavirus crisis has affected the lives of most people in countless ways.



CVOTHER Has anyone CLOSE TO YOU (e.g., parents, significant other, grandparents, sibling, close friend) become seriously ill or died from COVID-19?

- ☐ Yes, someone close became ill or died (1)
- ☐ No, nobody close became ill or died (0)
-

Page Break



CVTEST Have you ever gotten a COVID-19 test? (check all that apply)

- ☐ Yes, on campus (1)
- ☐ Yes, off campus (2)
- ☒ Never got tested (3)

Display This Question:

If CVTEST = 1

Or CVTEST = 2

CVPOSITIV Have you ever tested positive for COVID-19?

- ☒ No, never tested positive (1)
- ☐ Tested positive and was asymptomatic (2)
- ☐ Tested positive and had mild symptoms (3)
- ☐ Tested positive and was very ill, but never hospitalized (4)
- ☐ Tested positive and was hospitalized (5)

Page Break

End of Block: COVID Health

Start of Block: COVID Behavior



CVQRNT THIS SEMESTER did you need to spend any time in quarantine or isolation because...? (check all that apply)

Display This Choice:

If CVPOSITIV = 2

Or CVPOSITIV = 3

Or CVPOSITIV = 4

Or CVPOSITIV = 5

- ☐ You tested positive for COVID-19 (1)
 - ☐ You were exposed to someone who tested positive for COVID-19 (2)
 - ☐ You traveled (4)
 - ☐ You were planning to see family or friends you don't live with (7)
 - ☐ For another reason, please explain: (6)
-
- ☒ Didn't need to quarantine (5)

Display This Question:

If CVQRNT = 1

Or CVQRNT = 2

Or CVQRNT = 4

Or CVQRNT = 6



CVQRNTW

Thinking about any times that you needed to quarantine or isolate THIS SEMESTER...

Did you quarantine...? (check all that apply)

☐ On campus or in university controlled housing (1)

☐ Off campus (2)

Display This Question:

If CVQRNT = 1

Or CVQRNT = 2

Or CVQRNT = 4

Or CVQRNT = 6

CVQRNTT For how many days did you quarantine or isolate?

☐ Please enter number of days (1)

Page Break

CVDO In the PAST MONTH how often have you...

	Never (1)	Hardly ever (2)	Some of the time (3)	Most or all of the time (4)
Worn a mask or face covering in public places (cvdomaskpub)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Avoided large OUTDOOR gatherings (cvdoavdout)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Avoided large INDOOR gatherings or crowded places (cvdoavdind)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Worn a mask when spending time socially with people who don't live with you (cvdomasksoc)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break



CVINFECT How concerned are you that you might spread the coronavirus to other people without knowing that you have it?

- ☐ Not at all concerned (1)
 - ☐ Not too concerned (2)
 - ☐ Somewhat concerned (3)
 - ☐ Very concerned (4)
-

CVHOSPITAL How concerned are you that you will get the coronavirus and require hospitalization?

- ☐ Not at all concerned (1)
 - ☐ Not too concerned (2)
 - ☐ Somewhat concerned (3)
 - ☐ Very concerned (4)
-

Page Break

CVRSPNSBL How much PERSONAL responsibility do you feel you have to curb the spread of coronavirus?

- ☐ None at all (1)
- ☐ Not much (2)
- ☐ Some (3)
- ☐ A lot (4)

End of Block: COVID Behavior

Start of Block: Healthcare Access



HLNEED THIS SEMESTER, did you NEED help from a healthcare professional for...? (check all that apply)

- ☐ A COVID-19 related concern (1)
 - ☐ A non-COVID-19 related concern (2)
 - ☐ A mental health concern (3)
 - ☒ None of the above (4)
-

Display This Question:

If HLNEED = 1



HLCOVIDGET THIS SEMESTER, did you receive the help you needed for your COVID-19 related concern...? (check all that apply)

- ☐ From a healthcare professional ON CAMPUS (1)
- ☐ From a healthcare professional OFF CAMPUS (2)
- ☒ Didn't get the help I needed (4)

Display This Question:

If HLCOVIDGET = 4

HLCOVIDNOGET Why didn't you get the help you needed for your COVID-19 related concern?

Display This Question:

If HLNEED = 2



HLNOCOVIDGET THIS SEMESTER, did you receive the help you needed for your NON-COVID-19 related concern...? (check all that apply)

- ☐ From a healthcare professional ON CAMPUS (1)
- ☐ From a healthcare professional OFF CAMPUS (2)
- ☒ Didn't get the help I needed (4)

Display This Question:

If HLNOCOVIDGET = 4

HLNOCOVIDNOGET Why didn't you get the help you needed for your NON-COVID-19 related concern?

Display This Question:

If HLNEED = 3



HLMENTALGET THIS SEMESTER, did you receive the help you needed for your MENTAL HEALTH related concern...? (check all that apply)

- ☐ From a mental health professional ON CAMPUS (1)
- ☐ From a mental health professional OFF CAMPUS (2)
- ☒ Didn't get the help I needed (4)

Display This Question:

If HLMENTALGET = 4

HLMENTALNOGET Why didn't you get the help you needed for your MENTAL HEALTH related concern?

Page Break

End of Block: Healthcare Access

Start of Block: Vaccines

Q502 The following questions are about the vaccine to prevent COVID-19.



VACOPINION Which comes closer to your views? Getting vaccinated against COVID-19 is...?

- ☐ A personal choice (1)
 - ☐ Part of everyone's responsibility to protect the health of others (2)
 - ☐ Not sure (3)
-

Page Break



VACBEEN As of today, have you gotten the vaccine to prevent COVID-19?

- ☐ No (0)
- ☐ Got first dose of two (Pfizer, Moderna, etc.) (1)
- ☐ Got both doses (Pfizer, Moderna, etc.) (2)
- ☐ Got a one dose vaccine (Johnson & Johnson, etc.) (3)

Display This Question:

If VACBEEN = 1

Or VACBEEN = 2

Or VACBEEN = 3



VACWHY What gave you priority to receive the vaccine?

- ☐ Work in a healthcare setting (1)
 - ☐ First responder (2)
 - ☐ Essential worker (3)
 - ☐ Medical condition (4)
 - ☐ Something else, please explain: (5)
-

Display This Question:

If VACBEEN = 0

VACGET When a vaccine to prevent COVID-19 is available to people like you, will you...?

- ☐ Get it as soon as you can (1)
- ☐ Wait and see how it's working (2)
- ☐ Only get it if required to do so for school, work, or other activities (3)
- ☐ Definitely not get it (4)
- ☐ Not sure (5)

Page Break

End of Block: Vaccines

Start of Block: Finances

Q503 The next questions are about your work and financial situation.

EMPNOW Are you CURRENTLY working for pay?

- ☐ Yes, full-time in one job or position (1)
 - ☐ Yes, part-time in one job or position (2)
 - ☐ Yes, working in multiple positions (3)
 - ☐ Not working, looking for work (4)
 - ☐ Not working, not looking for work (5)
-

Display This Question:

If EMPNOW = 1

Or EMPNOW = 2

Or EMPNOW = 3

EMPCMPS Do you work...?

- ☐ At a \${e://Field/UNIVERSITY} sponsored job (1)
 - ☐ At a job not connected to \${e://Field/UNIVERSITY} (2)
 - ☐ Both at a \${e://Field/UNIVERSITY} and at a non-\${e://Field/UNIVERSITY} job (3)
-

Page Break

SUMRJOB Thinking about SUMMER 2021, how confident are you that you will have...?

	Not at all confident (1)	Not too confident (2)	Somewhat confident (3)	Very confident (4)	Not interested in this (5)
An internship (smrintrn)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A temporary job for the summer (smrtemp)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A job that will start your professional career (smrcareer)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

FINWRYBASIC Thinking about THIS MONTH, how worried are you that you will not be able to afford to pay for your basic living expenses?

- ☐ Not at all worried (1)
- ☐ Not too worried (2)
- ☐ Somewhat worried (3)
- ☐ Very worried (4)

Page Break

FINWORRY How worried, if at all, are you about each of the following?

	Not at all worried (1)	Not too worried (2)	Somewhat worried (3)	Very worried (4)
You will not be able to afford to continue your education (finwryedu)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You will not be able to afford health care (finwryhlthcr)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You will not be able to find a good job after graduation (finwryjob)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You will not be able to pay off student loan debt in the future (finwrystdln)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break

End of Block: Finances

Start of Block: Relationships 1

Q486 Switching gears, the next questions are about your social life.



EXTRACUR THIS SEMESTER did you...? (choose all that apply)

- ☐ Belong to a fraternity or sorority (1)
 - ☐ Have a leadership position in a student-run organization (7)
 - ☐ Play club, intramural, or recreational sports (3)
 - ☐ Play NCAA athletics (5)
 - ☒ None of the above (6)
-

Page Break

EXTRACTIME THIS SEMESTER how often did you... ?

	Never (1)	1-2 times during the semester (2)	Once a month (3)	2-3 times a month (4)	At least once a week (5)
Volunteer (e.g., serve on a committee, political organizing, or working in a soup kitchen) (extratimevol)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participate in student clubs/groups (extratimeclub)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pursue a passion, special interest or hobby in a group setting (e.g., played with a band, played D&D, craft night, etc.) (extratimehobby)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Play recreational sports or exercise in a group setting (extratimesport)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break



RELNETWRK Thinking about your personal support network – relatives and friends who you can rely on for help or support – how many people would you say you can rely on?

- ☐ No one (1)
- ☐ Just a few people (2)
- ☐ A fair number of people (3)
- ☐ A lot of people (4)

RELCONT In the PAST MONTH how often did you...?

	Never (1)	Once or twice (2)	Around once a week (3)	Every few days (4)	Every day (5)
Spend time socializing in-person with \${e://Field/UNIVERSITY} friends (socfrndcmps)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Spend time socializing in-person with non- \${e://Field/UNIVERSITY} friends (socfrndoffcmp)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Spend time socializing with friends online (socfrndonln)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Talk to your parents (soctlkprnt)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Talk to other members of your family (siblings, grandparents, etc.) (soctlkfam)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break

Display This Question:

If LIVEWHO != 3



RELCOMIT Do you CURRENTLY have a significant other?

- ☐ Yes, have significant other (1)
- ☐ No, don't have significant other (0)

End of Block: Relationships 1

Start of Block: Relationships 2

Display This Question:

If LIVEWHO = 3

RELBOILER The following questions are about your significant other.

Display This Question:

If COMMIT = 1



RELCOMTHOW How did you meet your significant other?

- ☐ Dating app/Online (1)
 - ☐ Through mutual friends (2)
 - ☐ At a bar or party (3)
 - ☐ Through a school related activity (class, club, etc.) (4)
 - ☐ Something else, please explain: (5)
-
-

Display This Question:

If COMMIT = 1



RELCMTWHN When did you and your significant other become a couple?

- ☐ Less than 1 week ago (1)
 - ☐ During the last 3 months (2)
 - ☐ During the last 6 months (3)
 - ☐ During the last year (4)
 - ☐ More than a year ago (5)
 - ☐ It's complicated, please explain: (6)
-
-

Display This Question:

If COMMIT = 1



RELCOMTOFTEN IN THE PAST WEEK, how often were you and your significant other together IN-PERSON?

- ☐ Never (1)
 - ☐ A few times (2)
 - ☐ Every day (3)
 - ☐ We live together (4)
-
-

Page Break

Display This Question:

If COMMIT = 0

And embed_university != Boston College



RELCASUL This PAST SEMESTER have you been in a casual romantic relationship with one or more individuals?

- ☐ Yes, was in casual romantic relationships (1)
- ☐ No, was not in casual romantic relationships (0)

Display This Question:

If RELCASUL = 1

RELCASUALT Thinking about the individuals you were in a casual relationship with, did you spend your time with them...?

- ☐ Mostly online (1)
- ☐ Mostly in-person (2)
- ☐ About the same amount of time in-person and online (3)

Page Break

PRIORITY Once it is safe to do so, how much of a priority are each of the following?

	Not at all a priority (1)	Not too much a priority (2)	Somewhat a priority (3)	Very much a priority (4)
Seeing family/friends (priorfamfr)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Traveling in the US (priortravus)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Traveling abroad (priortravabrd)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Going to concerts or live shows (priorconcert)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Going to sporting events (priorports)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Going to clubs/bars (priorclubs)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Going to parties (priorparties)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: Relationships 2

Start of Block: Academics

Q504 Now we'll ask about your academic classes.



ACMAJOR Have you decided on your major(s)?

- ☐ No, haven't decided on a major (0)
- ☐ Yes, please specify your major(s): (1)



ACCLASS THIS SEMESTER did you have....? (check all that apply)

- ☐ A class with 15 students or fewer (2)
 - ☐ A class with 16-30 students (7)
 - ☐ A class with 31-50 students (8)
 - ☐ A class with more than 50 students (1)
-

ACCLASSTYPE THIS SEMESTER did you have....? (check all that apply)

- ☐ A class with studio work (4)
 - ☐ A class with lab work (1)
 - ☐ A performing arts class (2)
 - ☐ A class that had teaching assistants (TA's) (3)
 - ☒ None of the above (5)
-

Page Break

ACTEACH Thinking about all of your classes THIS SEMESTER, how often have you...?

	Never (1)	1-2 times during the semester (2)	Once a month (3)	2-3 times a month (4)	At least once a week (5)
Participated in a class in-person (acclsperson)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Watched a pre- recorded lecture (acclsrecord)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Watched/listened to a virtual lecture delivered live (acclsvirtlec)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participated in small group virtual discussion in a break out room (acclsvirtdisc)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break

ACFACULTY THIS SEMESTER, how often did you do any of the following either in-person or online?

Display This Choice:

If ACCLASSTYPE = 3

	Never (1)	Once (2)	More than once (3)
Asked a professor for a letter of recommendation (acprofrec)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Met with a professor during office hours to get guidance about course work (acproffoff)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Met with a professor for mentoring or career advice (acprofment)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Met in a small group with a professor and a few other students (acprofgrp)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Display This Choice:</i> <i>If ACCLASSTYPE = 3</i>			
Communicated one-on-one with a teaching assistant (acprofta)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break



ACVALUE THIS SEMESTER at [\\${e://Field/UNIVERSITY}](#), how often have you felt...?

	Never (1)	Rarely (2)	Sometimes (3)	Often (4)	All the time (5)
That your courses inspired you to think in new ways (acvalnew)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
That faculty provided you with feedback that helped you assess your progress in class (acvalfdbk)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
That your contributions were valued in class (acvalcontrib)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
That faculty encouraged you to ask questions and participate in discussions (acvaldiscuss)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
That you were bored in class (acvalbored)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break



SUMRCLASS Are you planning to take any academic classes in SUMMER 2021?

- ☐ Yes, planning to take academic classes (1)
- ☐ No, not planning to take academic classes (0)

End of Block: Academics

Start of Block: Campus Climate

Q488 The next questions are about your experiences at $\{e://Field/UNIVERSITY\}$.



RATEUNIV Please rate your satisfaction with $\{e://Field/UNIVERSITY\}$ in each of the following areas:

Display This Choice:

If embed_university != Boston College

	Not at all satisfied (1)	Not too satisfied (2)	Somewhat satisfied (3)	Very satisfied (4)	Not Applicable (5)
Overall quality of instruction (rtuninstruct)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Effectiveness of remote instruction (rtunremote)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access to academic support services (i.e., tutoring center) (rtunaccsprt)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
COVID testing program (rtuncovtest)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Handling of positive COVID cases on campus (rtuncovpos)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of dining services (rtundining)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of university controlled housing (rtunhousing)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<div> Display This Choice: If embed_university != Boston College </div>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diversity and inclusion efforts (rtundivers)					

Religious
services,
organizations,
and
religious/spiritual
counseling
(rtunivrelig)



Page Break



CAMPCLIM

To what extent do you agree or disagree with the following statements about \${e://Field/UNIVERSITY}?

Display This Choice:

If embed_university != Boston College

Display This Choice:

If embed_university != Boston College

Display This Choice:

If embed_university != Boston College

Display This Choice:

If embed_university != Boston College

Display This Choice:

If embed_university != Boston College

	Strongly disagree (1)	Disagree (2)	Somewhat disagree (3)	Somewhat agree (4)	Agree (5)	Strongly agree (6)
<i>Display This Choice:</i> <i>If embed_university != Boston College</i>						
Sexual harassment and violence are normalized and widespread (cmpclmsxhrs)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Display This Choice:</i> <i>If embed_university != Boston College</i>						
\${e://Field/UNIVERSITY} is committed to the safety and wellbeing, and educational success of its immigrant students (cmpclmimm)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
There is a sense of social solidarity among all members of the \${e://Field/UNIVERSITY} community (cmpclmsolid)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
\${e://Field/UNIVERSITY} is committed to protecting the health of its students, faculty, and staff (cmpclmhealth)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Display This Choice:</i> <i>If embed_university != Boston College</i>						
\${e://Field/UNIVERSITY} has a problem with antisemitism on campus (cmpclmantisem)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Display This Choice:

*If embed_university !=
Boston College*

The concerns of minority
groups are taken
seriously
(cmpclmminority)

☐ ☐ ☐ ☐ ☐ ☐

Display This Choice:

*If embed_university !=
Boston College*

There is a hostile
environment toward
people of color
(cmpclmhostpoc)

☐ ☐ ☐ ☐ ☐ ☐

Students at
\${e://Field/UNIVERSITY}
take COVID safety
seriously (cmpclmccovid)

☐ ☐ ☐ ☐ ☐ ☐

Page Break



STDNTCHALL Thinking about THIS SEMESTER, to what extent were each of the following a source of stress?

	Not at all (1)	Not too much (2)	Somewhat (3)	Very much (4)
Achieving the academic performance you expect of yourself (stdntwrryacperf)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your physical health (stdntwrryhlthself)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your mental health (stdntwrrymnthlth)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The extent to which others adhere to social distancing guidelines (stdntwrrysocdist)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not being able to socialize/hang out with your friends in-person (stdntwrrysocial)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The direction the country is going in (stdntwrrycountry)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your financial obligations (stdntwrryfinself)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access to reliable internet (stdntwrryintnet)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Health of loved ones (stdntwrryhlthfam)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Financial situation of my immediate family (stdntwrryfinfam)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

STRESSOTHR Are there any other significant sources of stress you had THIS SEMESTER?

Page Break

RELLONLY IN THE PAST WEEK, how often did you feel lonely?

- ☐ Never (1)
 - ☐ Rarely (2)
 - ☐ Sometimes (3)
 - ☐ Often (4)
 - ☐ All the time (5)
-

RELEMOT IN THE PAST WEEK, how often did you feel that emotional or mental difficulties hurt your ability to live your day to day life?

- ☐ Never (1)
 - ☐ Rarely (2)
 - ☐ Sometimes (3)
 - ☐ Often (4)
 - ☐ All the time (5)
-

Page Break

COMFORT At [\\${e://Field/UNIVERSITY}](#), overall, to what extent do you feel...?

	Not at all (1)	A little (2)	Somewhat (3)	Very much (4)
Comfortable (univcomfort)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Safe (univsafe)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
That you belong (univbelong)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: Campus Climate

Start of Block: Current Religion

Q486 The following questions are about your current religion.



RESPRELIG What is your CURRENT religion, if any?

- ☐ Christian (1)
 - ☐ Jewish (2)
 - ☐ Muslim (3)
 - ☐ Buddhist (4)
 - ☐ Hindu (5)
 - ☐ Unitarian Universalist (6)
 - ☐ Atheist (7)
 - ☐ Agnostic (8)
 - ☐ Nothing in particular (9)
 - ☐ More than one religion (10)
 - ☐ Something else, please specify: (11)
-

Page Break

Display This Question:

If RESPRELIG = 10



RESPRELIGMANY With what religions do you identify? (check all that apply)

☐ Christian (1)

☐ Jewish (2)

☐ Muslim (3)

☐ Buddhist (4)

☐ Hindu (5)

☐ Unitarian Universalist (6)

☐ Atheist (7)

☐ Agnostic (8)

☐ Something else. Please specify: (9)

Display This Question:

If RESPRELIG = 1

Or RESPRELIGMANY = 1

CHRSTDENOM Are you...?

- ☐ Mainline protestant (e.g., Methodist, Lutheran, Episcopalian. Presbyterian) (1)
- ☐ Baptist (5)
- ☐ Roman Catholic (2)
- ☐ Church of Jesus Christ of Latter Day Saints (LDS/Mormon) (3)
- ☐ Greek or Russian Orthodox (4)
- ☐ Nothing in particular (6)
- ☐ Something else: (7) _____

Page Break

Display This Question:

If RESPRELIG = 1

Or RESPRELIGMANY = 1



CHRISTTYPE Do you CURRENTLY consider yourself to be a/n...? (check all that apply)

- ☐ Born again Christian (1)
- ☐ Charismatic (2)
- ☐ Evangelical (3)
- ☐ Fundamentalist (4)
- ☒ None of the above (5)

Display This Question:

If RESPRELIG = 3

Or RESPRELIGMANY = 3

MUSLIMTYPE Are you...?

- ☐ Shi'a (1)
- ☐ Sunni (2)
- ☐ Other (please specify): (3) _____

Display This Question:

If *RESPRELIG* = 2

Or *RESPRELIGMANY* = 2



DENOM With which denomination or movement of Judaism do you currently identify, if any?

- ☐ Reform (1)
- ☐ Conservative (2)
- ☐ Orthodox (3)
- ☐ Secular/Culturally Jewish (4)
- ☐ Just Jewish (5)
- ☐ Other (please specify): (6) _____

Page Break



RELASIDE ASIDE from religion, do you consider yourself to be any of the following in any way (for example ethnically, culturally or because of your family's background)? (check all that apply)

Display This Choice:

If RESPRELIG != 2

And RESPRELIGMANY != 2

☐ Jewish (1)

Display This Choice:

If RESPRELIG != 3

And RESPRELIGMANY != 3

☐ Muslim (2)

Display This Choice:

If CHRSTDENOM != 2

☐ Catholic (3)

Display This Choice:

If CHRSTDENOM != 3

☐ Mormon (4)

☒ None of the above (5)

Page Break

RELIMP How important is religion in your life today?

- ☐ Not at all important (1)
- ☐ A little important (2)
- ☐ Somewhat important (3)
- ☐ Very important (4)

Page Break

Display This Question:

If RESPRELIG = 2

Or RESPRELIGMANY = 2

Or RELASIDE = 1



JEWIMP How important is being Jewish to how you think about yourself?

- ☐ Not at all important (1)
- ☐ Only a little important (2)
- ☐ Moderately important (3)
- ☐ Very important (4)
- ☐ Extremely important (5)

Page Break

End of Block: Current Religion

Start of Block: Israel 1

BRIGO Have you...?

- ☐ Gone on a Birthright Israel trip (1)
- ☐ Applied to go on a Birthright Israel trip but not gone (2)
- ☐ Never applied (3)
-
-

CONJEW To what extent do you feel...?

	Not at all (1)	A little (2)	Somewhat (3)	Very much (4)
Part of a worldwide Jewish community (conwwjew)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A connection to Israel (conisr)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A connection to Jewish customs and traditions (conjewtrad)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: Israel 1

Start of Block: Activism & Views



ACTIVISM Since the beginning of the academic year, have you....? (check all that apply)

Display This Choice:

If PERMRES = 1

- ☐ Voted in the 2020 presidential election (12)
- ☐ Participated **in-person** in a protest march, rally, or demonstration (1)
- ☐ Signed a petition about a political or social issue (2)
- ☐ Called, written, or visited an elected official (3)
- ☐ Boycotted a company or brand (4)
- ☐ Volunteered for a political campaign (e.g. phone banking) (13)
- ☐ Donated money to any organization concerned with a political or social issue (5)
- ☐ Attended (virtually or in-person) a meeting of any level of government (7)
- ☐ Submitted a letter to the editor or opinion piece to a media publication (9)
- ☐ Posted/shared political content on social media (10)
- ☒ None of these (11)

Page Break

Display This Question:

If PERMRES = 1



PATRUS To what extent do you agree or disagree with the following statements about the United States?

Display This Choice:

If embed_university != Boston College

Display This Choice:

If embed_university != Boston College

	Strongly disagree (1)	Disagree (2)	Somewhat disagree (3)	Somewhat agree (4)	Agree (5)	Strongly agree (6)
There is too much criticism of the United States in the world, and we as Americans should not criticize it (usnatnocrit)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If I criticize the United States, I do so because I love it (usnatlove)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Display This Choice:</i> <i>If</i> <i>embed_university</i> <i>!= Boston</i> <i>College</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The United States is virtually always right (usnatright)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Display This Choice:</i> <i>If</i> <i>embed_university</i> <i>!= Boston</i> <i>College</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I oppose some United States policies because I care about my country and want to improve it (usnatcare)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Display This Question:

If PERMRES = 1



ORGS To what extent is your overall opinion of the following favorable or unfavorable?

	Very unfavorable (159)	Mostly unfavorable (160)	Mostly favorable (161)	Very favorable (162)	No opinion (163)	Never heard of it (164)
Black Lives Matter (orgsblm)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The Boycott, Divestment and Sanctions (BDS) movement (orgsbds)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
QAnon (orgsqanon)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
National Rifle Association (NRA) (orgsnra)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sunrise Movement (orgssun)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break

Display This Question:

If PERMRES = 1

POLVIEWS In terms of political views, people often classify themselves as "liberal," "moderate," or "conservative." Where would you place yourself on this scale?

- ☐ Extremely liberal (1)
- ☐ Liberal (2)
- ☐ Slightly liberal (3)
- ☐ Moderate (4)
- ☐ Slightly conservative (5)
- ☐ Conservative (6)
- ☐ Extremely conservative (7)

Page Break

Display This Question:

If PERMRES = 1

AMERICANIMP How important is being American to you?

- ☐ Not at all (1)
- ☐ Not too much (2)
- ☐ Somewhat (3)
- ☐ Very much (4)

End of Block: Activism & Views

Start of Block: About you 2

Q241 We're almost done. The next questions are for statistical purposes.



YEARBORN In what year were you born?

▼ 1997 or earlier (1997) ... 2003 (2003)

Display This Question:

If embed_university != Boston College



GENDER

What is your current gender identity?

- ☐ Man (1)
 - ☐ Woman (2)
 - ☐ Non-binary (3)
 - ☐ Genderqueer/Gender non-conforming (4)
 - ☐ Identity not listed above, please state: (5)
-

Display This Question:

If embed_university = Boston College

GENDER_BC What is your current gender identity?

- ☐ Man (1)
 - ☐ Woman (2)
 - ☐ Prefer to identify in a different way (3)
-

Page Break



RACEPOC Do you identify as a person of color?

☐ Yes (1)

☐ No (0)



LGBTQ Do you identify as LGBTQ?

☐ Yes (1)

☐ No (0)

Page Break



HISPANIC Are you of Hispanic, Latino, or Spanish origin, such as Mexican, Cuban, Puerto Rican, or Argentinian?

☐ Yes (1)

☐ No (0)



RACE What is your race or origin? (check all that apply)

☐ White (1)

☐ Black or African American (2)

☐ Asian or Asian American (3)

☐ Middle Eastern or North African (4)

☐ American Indian or Alaska Native (5)

☐ Native Hawaiian or other Pacific Islander (6)

☐ Some other race or origin (please specify): (7)

Page Break

LASTTHOUGHTS To conclude, is there anything more you would like to add about your experiences in the past year?

End of Block: About you 2

Start of Block: Incentive



want_gift_card Thank you for completing the survey, you are eligible for a \$10 Amazon.com gift card. You may choose to receive the gift card or to have \$10 donated on your behalf to The Greater Boston Food Bank.

How would you like to proceed?

- ☐ Send me \$10 Amazon.com gift card (1)
- ☐ Donate \$10 on my behalf to The Greater Boston Food Bank (0)

Display This Question:

If want_gift_card = 1

gift_email Please enter your email so we can send you your gift card:

End of Block: Incentive

Campus Study 2021_Northeastern University

Start of Block: Welcome

Q1 Welcome

Thank you for participating in this survey about the impact of the COVID-19 pandemic on undergraduate students and recent graduates in the US. The survey is part of a larger study that includes undergraduates and recent graduates at a number of US universities. [\\${e://Field/UNIVERSITY_FORMAL}](#) was invited to join this study to understand how COVID-19 impacted its students. We know this is a difficult time and we appreciate you sharing your experiences.

Why we are asking you to participate in this study

You are part of a random sample of [\\${e://Field/UNIVERSITY_FORMAL}](#) undergraduates and recent graduates who were selected to participate in this study. Completing this survey will not benefit you directly. However, your responses are important and will help colleges and universities understand the needs of students like you.

What to expect

This survey asks about your studies, work, health, and social life during the 2020-21 academic year. The survey **will take about 15-20 minutes to complete**.

You may find some questions about your experience with coronavirus upsetting. Your participation is voluntary and you are free to skip any question or end the survey at any time.

Confidentiality

Any information you provide will remain strictly confidential and will only be reported in the aggregate. Only members of the research team will have access to individuals' data that will be housed on secure servers at Brandeis University. The information you give us may be de-identified and used for other research in the future.

Questions and concerns

The study is being conducted by Professor Leonard Saxe at Brandeis University. If you have any questions or concerns about the research, you can email us at campusstudy@brandeis.edu or call 781-736-3821. This research was approved by a committee that oversees the ethics of research conducted by Brandeis University and reviewed by the [\\${e://Field/UNIVERSITY}](#)'s institutional research board. If you have any questions about your rights - or if you have concerns about the study - you may contact them at 781-736-8133 or irb@brandeis.edu. To download a copy of this introductory message, which serves as your consent to participate in

this research, please [click here](#).

By clicking the arrow button at the bottom of this page, you are agreeing that: You are at least 18 years old. You have read the information above and have no more questions about the research. You would like to be a part of this research. You understand you may quit the survey at any time.

Page Break

End of Block: Welcome

Start of Block: SCREENER



STDNTNOW In the SPRING SEMESTER were you an UNDERGRADUATE student at [\\${e://Field/UNIVERSITY}](#)?

- ☐ No, was not an undergraduate (0)
- ☐ Yes, was an undergraduate (1)
-

PERMRES Is your permanent residence in...?

- ☐ The United States (1)
- ☐ Another country. Which: (2)
-

Display This Question:

If PERMRES = 1

ZIPCODE What is the zip code of your permanent residence?

Page Break

End of Block: SCREENER

Start of Block: COVID Health

Q485 The coronavirus crisis has affected the lives of most people in countless ways.



CVOTHER Has anyone CLOSE TO YOU (e.g., parents, significant other, grandparents, sibling, close friend) become seriously ill or died from COVID-19?

- ☐ Yes, someone close became ill or died (1)
- ☐ No, nobody close became ill or died (0)
-

Page Break



CVTEST Have you ever gotten a COVID-19 test? (check all that apply)

- ☐ Yes, on campus (1)
- ☐ Yes, off campus (2)
- ☒ Never got tested (3)

Display This Question:

If CVTEST = 1

Or CVTEST = 2

CVPOSITIV Have you ever tested positive for COVID-19?

- ☒ No, never tested positive (1)
- ☐ Tested positive and was asymptomatic (2)
- ☐ Tested positive and had mild symptoms (3)
- ☐ Tested positive and was very ill, but never hospitalized (4)
- ☐ Tested positive and was hospitalized (5)

Page Break

End of Block: COVID Health

Start of Block: COVID Concerns



CVINFECT How concerned are you that you might spread the coronavirus to other people without knowing that you have it?

- ☐ Not at all concerned (1)
 - ☐ Not too concerned (2)
 - ☐ Somewhat concerned (3)
 - ☐ Very concerned (4)
-

CVHOSPITAL How concerned are you that you will get the coronavirus and require hospitalization?

- ☐ Not at all concerned (1)
 - ☐ Not too concerned (2)
 - ☐ Somewhat concerned (3)
 - ☐ Very concerned (4)
-

Page Break

CVRSPNSBL How much PERSONAL responsibility do you feel you have to curb the spread of coronavirus?

- ☐ None at all (1)
- ☐ Not much (2)
- ☐ Some (3)
- ☐ A lot (4)

End of Block: COVID Concerns

Start of Block: Vaccines

Q502 The following questions are about the vaccine to prevent COVID-19.



VACOPINION Which comes closer to your views? Getting vaccinated against COVID-19 is...?

- ☐ A personal choice (1)
- ☐ Part of everyone's responsibility to protect the health of others (2)
- ☐ Not sure (3)

Page Break



VACBEEN As of today, have you gotten the vaccine to prevent COVID-19?

- ☐ No (0)
- ☐ Got first dose of two (Pfizer, Moderna, etc.) (1)
- ☐ Got both doses (Pfizer, Moderna, etc.) (2)
- ☐ Got a one dose vaccine (Johnson & Johnson, etc.) (3)

Display This Question:

If VACBEEN = 1

Or VACBEEN = 2

Or VACBEEN = 3

VACWHEN When did you get vaccinated (please select the date of your first dose)?

- ☐ January 2021 (1)
 - ☐ February 2021 (2)
 - ☐ March 2021 (3)
 - ☐ April 2021 (4)
 - ☐ May 2021 (5)
-

Display This Question:

If VACBEEN = 1

Or VACBEEN = 2

Or VACBEEN = 3

And If

VACWHEN = 3

Or VACWHEN = 2

Or VACWHEN = 1



VACWHY What gave you priority to receive the vaccine?

- ☐ Work in a healthcare setting (1)
 - ☐ First responder (2)
 - ☐ Essential worker (3)
 - ☐ Medical condition (4)
 - ☐ Something else, please explain: (5)
-

Display This Question:

If VACBEEN = 0

VACGET In regards to vaccines to prevent COVID-19 is your attitude...?

- ☐ Get it as soon as you can (1)
 - ☐ Wait and see how it's working (2)
 - ☐ Only get it if required to do so for school, work, or other activities (3)
 - ☐ Definitely not get it (4)
 - ☐ Not sure (5)
-

Page Break

End of Block: Vaccines

Start of Block: Finances

Q503 The next questions are about your work and financial situation.

EMPNOW Are you CURRENTLY working for pay (including a co-op position)?

- ☐ Yes, full-time in one job or position (1)
 - ☐ Yes, part-time in one job or position (2)
 - ☐ Yes, working in multiple positions (3)
 - ☐ Not working, looking for work (4)
 - ☐ Not working, not looking for work (5)
-

Page Break

FINWRYBASIC Thinking about THIS MONTH, how worried are you that you will not be able to afford to pay for your basic living expenses?

- ☐ Not at all worried (1)
 - ☐ Not too worried (2)
 - ☐ Somewhat worried (3)
 - ☐ Very worried (4)
-

Page Break

FINWORRY How worried, if at all, are you about each of the following?

	Not at all worried (1)	Not too worried (2)	Somewhat worried (3)	Very worried (4)
You will not be able to afford to continue your education (finwryedu)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You will not be able to afford health care (finwryhlthcr)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You will not be able to find a good job after graduation (finwryjob)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You will not be able to pay off student loan debt in the future (finwrystdln)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break

End of Block: Finances

Start of Block: Relationships 1 b

RELNETWRK Thinking about your personal support network – relatives and friends who you can rely on for help or support – how many people would you say you can rely on?

- ☐ No one (1)
- ☐ Just a few people (2)
- ☐ A fair number of people (3)
- ☐ A lot of people (4)

Page Break



RELCOMIT Do you CURRENTLY have a significant other?

- ☐ Yes, have significant other (1)
- ☐ No, don't have significant other (0)

End of Block: Relationships 1 b

Start of Block: Relationships 2*Display This Question:**If LIVEWHO = 3*

RELBOILER The following questions are about your significant other.

*Display This Question:**If COMMIT = 1*

RELCOMTHOW How did you meet your significant other?

- ☐ Dating app/Online (1)
 - ☐ Through mutual friends (2)
 - ☐ At a bar or party (3)
 - ☐ Through a school related activity (class, club, etc.) (4)
 - ☐ Something else, please explain: (5)
-

Display This Question:

If COMMIT = 1



RELCMTWHN When did you and your significant other become a couple?

- ☐ Less than 1 week ago (1)
 - ☐ During the last 3 months (2)
 - ☐ During the last 6 months (3)
 - ☐ During the last year (4)
 - ☐ More than a year ago (5)
 - ☐ It's complicated, please explain: (6)
-

Page Break

Display This Question:

If COMMIT = 1



RELCOMTOFTEN IN THE PAST WEEK, how often were you and your significant other together IN-PERSON?

- ☐ Never (1)
 - ☐ A few times (2)
 - ☐ Every day (3)
 - ☐ We live together (4)
-

Page Break

Display This Question:

If COMMIT = 0

And embed_university != Boston College



RELCASUL In the PAST 6 MONTHS, have you been in a casual romantic relationship with one or more individuals?

- ☐ Yes, was in casual romantic relationships (1)
- ☐ No, was not in casual romantic relationships (0)

Display This Question:

If RELCASUL = 1

RELCASUALT Thinking about the individuals you were in a casual relationship with, did you spend your time with them...?

- ☐ Mostly online (1)
- ☐ Mostly in-person (2)
- ☐ About the same amount of time in-person and online (3)

Page Break

PRIORITY Once it is safe to do so, how much of a priority are each of the following?

	Not at all a priority (1)	Not too much a priority (2)	Somewhat a priority (3)	Very much a priority (4)
Seeing family/friends (priorfamfr)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Traveling in the US (priortravus)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Traveling abroad (priortravabrd)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Going to concerts or live shows (priorconcert)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Going to sporting events (prior sports)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Going to clubs/bars (priorclubs)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Going to parties (priorparties)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: Relationships 2

Start of Block: Student Status 1

Q556 Thinking about the 2020-21 academic year...

Display This Question:

If embed_university != Northeastern University

TRNSFRSDNT In the FALL SEMESTER, were you...?

- ☐ A student at \${e://Field/UNIVERSITY} (1)
 - ☐ A student at a different school (2)
 - ☐ Wasn't a student (4)
 - ☐ Something else (please specify): (5)
-

Display This Question:

If embed_university = Northeastern University

TRNSFRSDNTNU In the FALL SEMESTER, were you...?

- ☐ A student at \${e://Field/UNIVERSITY} taking classes (1)
 - ☐ A student at \${e://Field/UNIVERSITY} doing co-op (7)
 - ☐ A student at a different school (2)
 - ☐ Wasn't a student (4)
 - ☐ Something else (please specify): (5)
-

Display This Question:

If embed_university = Northeastern University

SPRINGSTATUS In the SPRING SEMESTER were you...?

- ☐ Taking academic classes at Northeastern (1)
- ☐ Doing a Northeastern co-op (2)
- ☐ Something else (please specify): (3)
-

STDNTFTPT In the SPRING SEMESTER were you a...?

- ☐ Full-time student (1)
- ☐ Part-time student (2)
-

GRAD Did you graduate at the end of the 2021 spring semester?

- ☐ Yes, graduated (1)
- ☐ No, didn't graduate (2)
-

Display This Question:

If GRAD = 1

GRAD4OR5 Did you complete your degree in...?

- ☐ 4 years (1)
- ☐ 5 years (2)
- ☐ Something else (please specify): (3)
-

Page Break

End of Block: Student Status 1

Start of Block: Student Status 2

primcol What [\\${e://Field/iswas}](#) your PRIMARY College/School?

- ☐ Bouve College of Health Sciences (1)
 - ☐ College of Arts, Media & Design (2)
 - ☐ College of Engineering (3)
 - ☐ College of Science (4)
 - ☐ College of Social Science & Humanities (5)
 - ☐ D'Amore-McKim School of Business (6)
 - ☐ Khoury College of Computer Sciences (7)
 - ☐ Office of the Provost (8)
-

STDNTYR In the 2020-21 academic year were you a...?

- ☐ Freshman (1st year) (1)
- ☐ Sophomore (2nd year) (2)
- ☐ Junior (3rd year) (3)
- ☐ Senior (4th year) (4)

Display This Choice:

If embed_university = Northeastern University

- ☐ Senior (5th year) (6)
 - ☐ Something else (please specify): (5)
-

Display This Question:

If GRAD = 2

track4or5 As far as you know, how many years in total will it take you to complete your degree?

- ☐ Will complete in 4 years (1)
- ☐ Will complete in 5 years (2)
- ☐ Haven't decided yet (3)

Page Break

COOPNUM Overall, how many co-cops have you done (please also count any co-op you are currently in) ...?

- ☐ None (4)
- ☐ One co-op (1)
- ☐ Two co-ops (2)
- ☐ Three co-ops (3)

SPRINGJOB During the SPRING SEMESTER did you work for pay (including a co-op position)?

- ☐ Worked full time (1)
 - ☐ Worked part time (2)
 - ☐ Didn't work (3)
-

Display This Question:

If SPRINGJOB = 1

Or SPRINGJOB = 2

EMPCMPS Did you work...?

- ☐ At a position through a Northeastern co-op (4)
- ☐ At a \${e://Field/UNIVERSITY} sponsored job (1)
- ☐ At a job not connected to \${e://Field/UNIVERSITY} (2)
- ☐ Both at a \${e://Field/UNIVERSITY} and at a non-\${e://Field/UNIVERSITY} job (3)

Page Break

End of Block: Student Status 2

Start of Block: Housing



HOUSING During the SPRING SEMESTER, did you live...?

- ☐ In \${e://Field/UNIVERSITY} controlled housing (e.g., a dorm, hotel or apartment managed by \${e://Field/UNIVERSITY}, etc.) (1)
 - ☐ Off campus, close enough to come to campus in-person (2)
 - ☐ Off campus, too far to come to campus regularly (3)
 - ☐ Something else, please explain: (4)
-



LIVEWHO During the SPRING SEMESTER, who did you live with? (check all that apply)

- ☐ Your parents (1)
 - ☐ Roommates (2)
 - ☐ Partner / Significant other (3)
 - ☒ I lived alone (4)
 - ☐ Someone else, please explain: (5)
-

End of Block: Housing

Start of Block: Quarantine



CVQRNT During the SPRING SEMESTER did you need to spend any time in quarantine or isolation because...? (check all that apply)

Display This Choice:

If CVPOSITIV = 2

Or CVPOSITIV = 3

Or CVPOSITIV = 4

Or CVPOSITIV = 5

- ☐ You tested positive for COVID-19 (1)
- ☐ You were exposed to someone who tested positive for COVID-19 (2)
- ☐ You traveled (4)
- ☐ You were planning to see family or friends you don't live with (7)
- ☐ For another reason, please explain: (6)
-
- ☐ ☒ Didn't need to quarantine (5)

Display This Question:

If CVQRNT = 1

Or CVQRNT = 2

Or CVQRNT = 4

Or CVQRNT = 7

Or CVQRNT = 6



CVQRNTW

Thinking about any times that you needed to quarantine or isolate during the SPRING SEMESTER...

Did you quarantine...? (check all that apply)

☐ On campus or in university controlled housing (1)

☐ Off campus (2)

Display This Question:

If CVQRNT = 1

Or CVQRNT = 2

Or CVQRNT = 4

Or CVQRNT = 7

Or CVQRNT = 6

CVQRNTT For how many days did you quarantine or isolate?

☐ Please enter number of days (1)

Page Break

End of Block: Quarantine

Start of Block: Healthcare Access



HLNEED During the SPRING SEMESTER, did you NEED help from a healthcare professional for...? (check all that apply)

- ☐ A COVID-19 related concern (1)
- ☐ A non-COVID-19 related concern (2)
- ☐ A mental health concern (3)
- ☒ None of the above (4)

Display This Question:

If HLNEED = 1



HLCOVIDGET During the SPRING SEMESTER, did you receive the help you needed for your COVID-19 related concern...? (check all that apply)

- ☐ From a healthcare professional ON CAMPUS (1)
 - ☐ From a healthcare professional OFF CAMPUS (2)
 - ☒ Didn't get the help I needed (4)
-

Display This Question:

If HLCOVIDGET = 4

HLCOVIDNOGET Why didn't you get the help you needed for your COVID-19 related concern?

Display This Question:

If HLNEED = 2



HLNOCOVIDGET During the SPRING SEMESTER, did you receive the help you needed for your NON-COVID-19 related concern...? (check all that apply)

- ☐ From a healthcare professional ON CAMPUS (1)
- ☐ From a healthcare professional OFF CAMPUS (2)
- ☒ Didn't get the help I needed (4)

Display This Question:

If HLNOCOVIDGET = 4

HLNOCOVIDNOGET Why didn't you get the help you needed for your NON-COVID-19 related concern?

Display This Question:

If HLNEED = 3



HLMENTALGET During the SPRING SEMESTER, did you receive the help you needed for your MENTAL HEALTH related concern...? (check all that apply)

- ☐ From a mental health professional ON CAMPUS (1)
- ☐ From a mental health professional OFF CAMPUS (2)
- ☒ Didn't get the help I needed (4)

Display This Question:

If HLMENTALGET = 4

HLMENTALNOGET Why didn't you get the help you needed for your MENTAL HEALTH related concern?

Page Break

End of Block: Healthcare Access

Start of Block: Relationships 1a

Q486 The next questions are about your social life during the spring semester.



EXTRACUR During the SPRING SEMESTER did you...? (choose all that apply)

- ☐ Belong to a fraternity or sorority (1)
 - ☐ Have a leadership position in a student-run organization (7)
 - ☐ Play club, intramural, or recreational sports (3)
 - ☐ Play NCAA athletics (5)
 - ☒ None of the above (6)
-

Page Break

EXTRACTIME During the SPRING SEMESTER how often did you... ?

	Never (1)	1-2 times during the semester (2)	Once a month (3)	2-3 times a month (4)	At least once a week (5)
Volunteer (e.g., serve on a committee, political organizing, or working in a soup kitchen) (extratimevol)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participate in student clubs/groups (extratimeclub)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pursue a passion, special interest or hobby in a group setting (e.g., played with a band, played D&D, craft night, etc.) (extratimehobby)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Play recreational sports or exercise in a group setting (extratimesport)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break



RELCONT During the SPRING SEMESTER how often did you...?

	Never (0)	Once or twice during the semester (1)	Once or twice a month (2)	Around once a week (3)	Every few days (4)	Every day (5)
Spend time socializing in-person with \${e://Field/UNIVERSITY} friends (socfrndcmps)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Spend time socializing in-person with non- \${e://Field/UNIVERSITY} friends (socfrndoffcmp)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Spend time socializing with friends online (socfrndonln)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Talk to your parents (soctlkprnt)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Talk to other members of your family (siblings, grandparents, etc.) (soctlkfam)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break

CVDO During the SPRING SEMESTER did you...?

	Never (1)	Hardly ever (2)	Some of the time (3)	Most or all of the time (4)
Wear a mask or face covering in public places (cvdomaskpub)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Avoid large OUTDOOR gatherings (cvdoavdout)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Avoid large INDOOR gatherings or crowded places (cvdoavdind)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wear a mask when spending time socially with people who don't live with you (cvdomasksoc)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: Relationships 1a

Start of Block: Academics

Q504 Now we'll ask about your academic classes.

Display This Question:

If GRAD != 1



ACMAJOR Have you decided on your major(s)?

- ☐ No, haven't decided on a major (0)
- ☐ Yes, please specify your major(s): (1)
- _____

Display This Question:

If GRAD = 1

ACMAJORGRAD What were your majors?

Page Break

ACNUMCLS In the SPRING SEMESTER, how many courses did you take OVERALL?

- ☐ Number of courses (4) _____

ACINPERSCL In the SPRING SEMESTER, how many of your courses met IN PERSON at least once a week?

- ☐ Number of courses (4) _____

Page Break



ACCLASS In the SPRING SEMESTER did you have....? (check all that apply)

- ☐ A class with 15 students or fewer (2)
 - ☐ A class with 16-30 students (7)
 - ☐ A class with 31-50 students (8)
 - ☐ A class with more than 50 students (1)
-

ACCLASSTYPE In the SPRING SEMESTER did you have....? (check all that apply)

- ☐ A class with studio work (4)
 - ☐ A class with lab work (1)
 - ☐ A performing arts class (2)
 - ☐ A class that had teaching assistants (TA's) (3)
 - ☒ None of the above (5)
-

Page Break

ACTEACH Thinking about all of your classes in the SPRING SEMESTER, how often did you...?

	Never (1)	1-2 times during the semester (2)	Once a month (3)	2-3 times a month (4)	At least once a week (5)
Participated in a class in-person (acclsperson)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Watched a pre- recorded lecture (acclsrecord)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Watched/listened to a virtual lecture delivered live (acclsvirtlec)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participated in small group virtual discussion in a break out room (acclsvirtdisc)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break

ACFACULTY During the SPRING SEMESTER, how often did you do any of the following either in-person or online?

Display This Choice:

If ACCLASSTYPE = 3

Display This Choice:

If SPRINGSTATUS = 2

	Never (1)	Once (2)	More than once (3)
Asked a professor for a letter of recommendation (acprofrec)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Met with a professor during office hours to get guidance about course work (acproffo)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Met with a professor for mentoring or career advice (acprofment)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Met in a small group with a professor and a few other students (acprofgrp)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Display This Choice:</i> <i>If ACCLASSTYPE = 3</i>			
Communicated one-on-one with a teaching assistant (acprofta)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Display This Choice:</i> <i>If SPRINGSTATUS = 2</i>			
Met with your Co-op mentor to discuss opportunities, applications, etc. (acmentor)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break



ACVALUE During the SPRING SEMESTER at [\\${e://Field/UNIVERSITY}](#), how often did you feel...?

	Never (1)	Rarely (2)	Sometimes (3)	Often (4)	All the time (5)
That your courses inspired you to think in new ways (acvalnew)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
That faculty provided you with feedback that helped you assess your progress in class (acvalfdbk)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
That your contributions were valued in class (acvalcontrib)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
That faculty encouraged you to ask questions and participate in discussions (acvaldiscuss)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
That you were bored in class (acvalbored)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break

SUMRCLASS Are you planning to take any academic classes in SUMMER 2021?

- ☐ Yes, planning to take academic classes (1)
- ☐ No, not planning to take academic classes (2)

End of Block: Academics

Start of Block: Stress



STDNTCHALL Thinking about the SPRING SEMESTER, to what extent were each of the following a source of stress?

Display This Choice:

If SPRINGSTATUS = 1

Display This Choice:

If SPRINGSTATUS = 2

	Not at all (1)	Not too much (2)	Somewhat (3)	Very much (4)
<div>Display This Choice:</div> <div>If</div> <div>SPRINGSTATUS = 1</div>				
Achieving the academic performance you expect of yourself (stdntwrryacperf)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<div>Display This Choice:</div> <div>If</div> <div>SPRINGSTATUS = 2</div>				
Your co-op work (stdntwrrycoop)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your physical health (stdntwrryhlthself)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your mental health (stdntwrrymnthlth)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The extent to which others adhere to social distancing guidelines (stdntwrrysocdist)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not being able to socialize/hang out with your friends in-person (stdntwrrysocial)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The direction the country is going in (stdntwrrycountry)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your financial obligations (stdntwrryfinself)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Access to reliable internet (stdntwrryintnet)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Health of loved ones (stdntwrryhlthfam)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Financial situation of my immediate family (stdntwrryfinfam)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

STRESSOTHR Are there any other significant sources of stress you had DURING THE SPRING SEMESTER?

Page Break

RELLONLY During the SPRING SEMESTER, how often did you feel lonely?

- ☐ Never (1)
 - ☐ Rarely (2)
 - ☐ Sometimes (3)
 - ☐ Often (4)
 - ☐ All the time (5)
-

RELEMOT During the SPRING SEMESTER, how often did you feel that emotional or mental difficulties hurt your ability to live your day to day life?

- ☐ Never (1)
- ☐ Rarely (2)
- ☐ Sometimes (3)
- ☐ Often (4)
- ☐ All the time (5)

End of Block: Stress

Start of Block: Campus Climate

Q488 The next questions are about your experiences at \${e://Field/UNIVERSITY}, overall.

RATEUNIV Please rate your satisfaction with \${e://Field/UNIVERSITY} in each of the following areas:

Display This Choice:

If embed_university != Boston College

	Not at all satisfied (1)	Not too satisfied (2)	Somewhat satisfied (3)	Very satisfied (4)	Not Applicable (5)
Overall quality of instruction (rtuninstruct)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Effectiveness of remote instruction (rtunremote)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access to academic support services (i.e., tutoring center) (rtunaccsprt)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
COVID testing program (rtuncovtest)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Handling of positive COVID cases on campus (rtuncovpos)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of dining services (rtundining)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of university controlled housing (rtunhousing)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<div> Display This Choice: If embed_university != Boston College </div>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diversity and inclusion efforts (rtundivers)					

Religious
services,
organizations,
and
religious/spiritual
counseling
(rtunivrelig)



Co-op
opportunities
and support
(rtuncoop)



Page Break

**CAMPCLIM**

To what extent do you agree or disagree with the following statements about \${e://Field/UNIVERSITY}?

Display This Choice:

If embed_university != Boston College

Display This Choice:

If embed_university != Boston College

Display This Choice:

If embed_university != Boston College

Display This Choice:

If embed_university != Boston College

Display This Choice:

If embed_university != Boston College

	Strongly disagree (1)	Disagree (2)	Somewhat disagree (3)	Somewhat agree (4)	Agree (5)	Strongly agree (6)
<p><i>Display This Choice:</i> <i>If embed_university != Boston College</i></p> <p>Sexual harassment and violence are normalized and widespread (cmpclmsxhrs)</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<p><i>Display This Choice:</i> <i>If embed_university != Boston College</i></p> <p><i>{e://Field/UNIVERSITY}</i> is committed to the safety and wellbeing, and educational success of its immigrant students (cmpclmimm)</p> <p>There is a sense of social solidarity among all members of the <i>{e://Field/UNIVERSITY}</i> community (cmpclmsolid)</p> <p><i>{e://Field/UNIVERSITY}</i> is committed to protecting the health of its students, faculty, and staff (cmpclmhealth)</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<p><i>Display This Choice:</i> <i>If embed_university != Boston College</i></p> <p><i>{e://Field/UNIVERSITY}</i> has a problem with antisemitism on campus (cmpclmantisem)</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Display This Choice:

*If embed_university !=
Boston College*

The concerns of minority
groups are taken
seriously
(cmpclmminority)

☐☐☐☐☐☐

Display This Choice:

*If embed_university !=
Boston College*

There is a hostile
environment toward
people of color
(cmpclmhostpoc)

☐☐☐☐☐☐

Students at
\${e://Field/UNIVERSITY}
take COVID safety
seriously (cmpclmcovid)

☐☐☐☐☐☐

Page Break

COMFORT Thinking about your time at $\{e://Field/UNIVERSITY\}$, overall, to what extent $\{e://Field/dotense\}$ you feel...?

	Not at all (1)	A little (2)	Somewhat (3)	Very much (4)
Comfortable (univcomfort)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Safe (univsafe)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
That you belong (univbelong)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: Campus Climate

Start of Block: Current Religion

Q486 Switching gears, next we'll ask some questions about your views.



RESPRELIG What is your CURRENT religion, if any?

- ☐ Christian (1)
 - ☐ Jewish (2)
 - ☐ Muslim (3)
 - ☐ Buddhist (4)
 - ☐ Hindu (5)
 - ☐ Unitarian Universalist (6)
 - ☐ Atheist (7)
 - ☐ Agnostic (8)
 - ☐ Nothing in particular (9)
 - ☐ More than one religion (10)
 - ☐ Something else, please specify: (11)
-

Page Break

Display This Question:

If RESPRELIG = 10



RESPRELIGMANY With what religions do you identify? (check all that apply)

☐ Christian (1)

☐ Jewish (2)

☐ Muslim (3)

☐ Buddhist (4)

☐ Hindu (5)

☐ Unitarian Universalist (6)

☐ Atheist (7)

☐ Agnostic (8)

☐ Something else. Please specify: (9)

Display This Question:

If RESPRELIG = 1

Or RESPRELIGMANY = 1

CHRSTDENOM Are you...?

- ☐ Mainline protestant (e.g., Methodist, Lutheran, Episcopalian. Presbyterian) (1)
- ☐ Baptist (5)
- ☐ Roman Catholic (2)
- ☐ Church of Jesus Christ of Latter Day Saints (LDS/Mormon) (3)
- ☐ Greek or Russian Orthodox (4)
- ☐ Nothing in particular (6)
- ☐ Something else: (7) _____

Page Break

Display This Question:

If RESPRELIG = 1

Or RESPRELIGMANY = 1



CHRISTTYPE Do you CURRENTLY consider yourself to be a/n...? (check all that apply)

- ☐ Born again Christian (1)
- ☐ Charismatic (2)
- ☐ Evangelical (3)
- ☐ Fundamentalist (4)
- ☐ ☒ None of the above (5)

Display This Question:

If RESPRELIG = 3

Or RESPRELIGMANY = 3

MUSLIMTYPE Are you...?

- ☐ Shi'a (1)
- ☐ Sunni (2)
- ☐ Other (please specify): (3) _____

Display This Question:

If RESPRELIG = 2

Or RESPRELIGMANY = 2



DENOM With which denomination or movement of Judaism do you currently identify, if any?

- ☐ Reform (1)
- ☐ Conservative (2)
- ☐ Orthodox (3)
- ☐ Secular/Culturally Jewish (4)
- ☐ Just Jewish (5)
- ☐ Other (please specify): (6) _____

Page Break



RELASIDE ASIDE from religion, do you consider yourself to be any of the following in any way (for example ethnically, culturally or because of your family's background)? (check all that apply)

Display This Choice:

If RESPRELIG != 2

And RESPRELIGMANY != 2

☐ Jewish (1)

Display This Choice:

If RESPRELIG != 3

And RESPRELIGMANY != 3

☐ Muslim (2)

Display This Choice:

If CHRSTDENOM != 2

☐ Catholic (3)

Display This Choice:

If CHRSTDENOM != 3

☐ Mormon (4)

☒ None of the above (5)

Page Break

RELIMP How important is religion in your life today?

- ☐ Not at all important (1)
- ☐ A little important (2)
- ☐ Somewhat important (3)
- ☐ Very important (4)

Page Break

Display This Question:

If RESPRELIG = 2

Or RESPRELIGMANY = 2

Or RELASIDE = 1



JEWIMP How important is being Jewish to how you think about yourself?

- ☐ Not at all important (1)
- ☐ Only a little important (2)
- ☐ Moderately important (3)
- ☐ Very important (4)
- ☐ Extremely important (5)

Page Break

End of Block: Current Religion

Start of Block: Israel 1

BRIGO Have you...?

- ☐ Gone on a Birthright Israel trip (1)
- ☐ Applied to go on a Birthright Israel trip but not gone (2)
- ☐ Never applied (3)

Page Break

CONJEW To what extent do you feel...?

	Not at all (1)	A little (2)	Somewhat (3)	Very much (4)
Part of a worldwide Jewish community (conwwjew)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A connection to Israel (conisr)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A connection to Jewish customs and traditions (conjewtrad)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: Israel 1

Start of Block: Activism & Views



ACTIVISM Since the beginning of the academic year, have you....? (check all that apply)

Display This Choice:

If PERMRES = 1

- ☐ Voted in the 2020 presidential election (12)
- ☐ Participated **in-person** in a protest march, rally, or demonstration (1)
- ☐ Signed a petition about a political or social issue (2)
- ☐ Called, written, or visited an elected official (3)
- ☐ Boycotted a company or brand (4)
- ☐ Volunteered for a political campaign (e.g. phone banking) (13)
- ☐ Donated money to any organization concerned with a political or social issue (5)
- ☐ Attended (virtually or in-person) a meeting of any level of government (7)
- ☐ Submitted a letter to the editor or opinion piece to a media publication (9)
- ☐ Posted/shared political content on social media (10)
- ☒ None of these (11)

Page Break

Display This Question:

If PERMRES = 1



PATRUS To what extent do you agree or disagree with the following statements about the United States?

Display This Choice:

If embed_university != Boston College

Display This Choice:

If embed_university != Boston College

	Strongly disagree (1)	Disagree (2)	Somewhat disagree (3)	Somewhat agree (4)	Agree (5)	Strongly agree (6)
There is too much criticism of the United States in the world, and we as Americans should not criticize it (usnatnocrit)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If I criticize the United States, I do so because I love it (usnatlove)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Display This Choice:</i> <i>If</i> <i>embed_university</i> <i>!= Boston</i> <i>College</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The United States is virtually always right (usnatright)						
<i>Display This Choice:</i> <i>If</i> <i>embed_university</i> <i>!= Boston</i> <i>College</i>						
I oppose some United States policies because I care about my country and want to improve it (usnatcare)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

 Page Break

Display This Question:

If PERMRES = 1



ORGS To what extent is your overall opinion of the following favorable or unfavorable?

	Very unfavorable (159)	Mostly unfavorable (160)	Mostly favorable (161)	Very favorable (162)	No opinion (163)	Never heard of it (164)
Black Lives Matter (orgsblm)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The Boycott, Divestment and Sanctions (BDS) movement (orgsbds)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
QAnon (orgsqanon)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
National Rifle Association (NRA) (orgsnra)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sunrise Movement (orgssun)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break

Display This Question:

If PERMRES = 1

POLVIEWS In terms of political views, people often classify themselves as "liberal," "moderate," or "conservative." Where would you place yourself on this scale?

- ☐ Extremely liberal (1)
- ☐ Liberal (2)
- ☐ Slightly liberal (3)
- ☐ Moderate (4)
- ☐ Slightly conservative (5)
- ☐ Conservative (6)
- ☐ Extremely conservative (7)

Page Break

Display This Question:

If PERMRES = 1

AMERICANIMP How important is being American to you?

- ☐ Not at all (1)
- ☐ Not too much (2)
- ☐ Somewhat (3)
- ☐ Very much (4)

End of Block: Activism & Views

Start of Block: About you 2

Q241 We're almost done. The next questions are for statistical purposes.



YEARBORN In what year were you born?

▼ 1997 or earlier (1997) ... 2003 (2003)

Display This Question:

If embed_university != Boston College



GENDER

What is your current gender identity?

- ☐ Man (1)
- ☐ Woman (2)
- ☐ Non-binary (3)
- ☐ Genderqueer/Gender non-conforming (4)
- ☐ Identity not listed above, please state: (5)
-

Display This Question:

If embed_university = Boston College

GENDER_BC What is your current gender identity?

- ☐ Man (1)
- ☐ Woman (2)
- ☐ Prefer to identify in a different way (3)
-

Page Break



RACEPOC Do you identify as a person of color?

☐ Yes (1)

☐ No (0)



LGBTQ Do you identify as LGBTQ?

☐ Yes (1)

☐ No (0)

Page Break



HISPANIC Are you of Hispanic, Latino, or Spanish origin, such as Mexican, Cuban, Puerto Rican, or Argentinian?

☐ Yes (1)

☐ No (0)



RACE What is your race or origin? (check all that apply)

☐ White (1)

☐ Black or African American (2)

☐ Asian or Asian American (3)

☐ Middle Eastern or North African (4)

☐ American Indian or Alaska Native (5)

☐ Native Hawaiian or other Pacific Islander (6)

☐ Some other race or origin (please specify): (7)

Page Break

DISABILITY Which of the following statements is true for you? (check all that apply)

- ☐ You are deaf, or have serious difficulty hearing (1)
- ☐ You are blind, or have serious difficulty seeing, even when wearing glasses (2)
- ☐ Because of a physical, mental, or emotional condition, you have serious difficulty concentrating, remembering, or making decisions (3)
- ☐ You have serious difficulty walking or climbing stairs (4)
- ☐ You have difficulty dressing or bathing (5)
- ☐ Because of a physical, mental, or emotional condition, you have difficulty doing errands alone such as visiting a doctor's office or shopping (6)
- ☒ None of the above (7)

Page Break

LASTTHOUGHTS To conclude, is there anything more you would like to add about your experiences in the past year?

End of Block: About you 2
