

Appendix for Zooming In or Left Out?: How COVID Changed Schooling, Screen, and Social Time for High School and College Students by Household Income

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1 American Time Use Survey Variables

For our analysis, we use a sample of 15-25 year old students from the 2017-2022 American Time Use Survey.

Our main time use variable of interest is education time (BLS_EDUC), which includes education (060000) and travel related to education (180600). We decompose this into class time (BLS_EDUC_CLASS, 060100) and homework time (BLS_EDUC_HWORK, 060300), which includes homework and research.

We also study work time (BLS_WORK_WORKING, 050100), sleep time (BLS_PCARE_SLEEP, 010100), and time spent in all leisure activities (BLS_LEIS). For the later, we separate out several important components including screen time (television and movies (120303 and 120304), playing games (including computer games) (120307), and computer use for leisure (120308)), socializing time (BLS_LEIS_SOCCOM, including socializing and communicating (120100), attending or hosting social events (120200) and waiting involved with these two categories (120501 and 120502)), and sports and exercise time (BLS_LEIS_PARTSPORT, 130100).

For each time use variable, we construct a binary variable for whether the respondent participated in any minutes of that activity on their diary day, which we use for our extensive margin analysis. We also construct a continuous measure for each equal to the number of minutes of that activity on their diary day, if they participated in the activity. We use this measure for our intensive margin analysis.

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Table 1: Summary Statistics for the Full Sample

Variable	Mean	Std. dev.
Education time	236.18	235.71
Class time	134.04	178.55
Homework time	83.36	130.25
Work time	70.55	161.86
Leisure time	310.86	203.62
Socializing time	41.62	95.90
Screen time	186.67	175.71
Exercise/sports time	30.87	70.10
Sleep time	568.36	134.15
Age	18.49	2.81
White	0.54	0.5
Black, non-Hispanic	0.1	0.3
Hispanic	0.24	0.43
Other race/ethnicity	0.11	0.32
Male	0.49	0.5
Female	0.51	0.5
Income: \$25K or less	0.16	0.36
Income: \$25K-\$49K	0.16	0.37
Income: \$50K-\$74K	0.16	0.37
Income: \$75K-\$99K	0.14	0.35
Income: \$100K+	0.38	0.49
HS PT	0.01	0.12
HS FT	0.49	0.5
College PT	0.1	0.3
College FT	0.39	0.49
Not a holiday	0.98	0.14
Holiday	0.02	0.14
January	0.1	0.3
February	0.08	0.28
March	0.09	0.29
April	0.08	0.28
May	0.07	0.26
June	0.06	0.23
July	0.06	0.24
August	0.08	0.27
September	0.08	0.27
October	0.1	0.29
November	0.09	0.29
December	0.1	0.3
Northeast	0.16	0.37
Midwest	0.24	0.43
South	0.34	0.47
West	0.26	0.44
Metro., Central City	0.28	0.45
Metro., Not Central City	0.48	0.5
Metro., Not identified	0.12	0.33
Non-Metro	0.1	0.3
Not identified	0.01	0.11

N = 2,495. Calculated using survey weights.

Table 2: Difference in Means Test - Pre- and During Pandemic

Variable	Pre-Covid (N=1468)		Covid (N=1027)		Diff in means
	Mean	Std. dev.	Mean	Std. dev.	
Age	18.56	2.82	18.41	2.80	-0.15
White	0.55	0.50	0.52	0.50	-0.03
Black, non-Hispanic	0.10	0.30	0.10	0.30	0.00
Hispanic	0.25	0.43	0.24	0.43	-0.01
Other race/ethnicity	0.10	0.29	0.14	0.35	0.04***
Male	0.49	0.50	0.49	0.50	0.00
Female	0.51	0.50	0.51	0.50	0.00
Income: \$25K or less	0.16	0.37	0.15	0.35	-0.02
Income: \$25K-\$49K	0.17	0.37	0.15	0.36	-0.01
Income: \$50K-\$74K	0.18	0.38	0.14	0.35	-0.03
Income: \$75K-\$99K	0.15	0.35	0.14	0.35	0.00
Income: \$100K+	0.35	0.48	0.41	0.49	0.06**
HS PT	0.01	0.11	0.02	0.13	0.00
HS FT	0.50	0.50	0.48	0.50	-0.02
College PT	0.10	0.30	0.09	0.29	-0.01
College FT	0.38	0.49	0.41	0.49	0.03
Northeast	0.15	0.35	0.18	0.38	0.03
Midwest	0.25	0.43	0.23	0.42	-0.02
South	0.34	0.47	0.34	0.47	0.00
West	0.26	0.44	0.25	0.44	-0.01
Metro., Central City	0.28	0.45	0.28	0.45	0.00
Metro., Not Central City	0.47	0.50	0.50	0.50	0.03
Metro., Not identified	0.12	0.33	0.12	0.33	0.00
Non-Metro	0.11	0.32	0.09	0.28	-0.02*
Not identified	0.02	0.13	0.01	0.09	-0.01*

Notes: *** .01; ** .05; * .10; All analysis uses sample weights.

Table 3: Marginal Effects of Extensive Margin Estimates with Replicate Weights

	(1) EDUC	(2) CLASS	(3) HWORK	(4) WORK	(5) LEISURE	(6) SOCIAL	(7) SCREEN	(8) EXERCISE
Covid Ind.	0.00512 (0.0209)	-0.0186 (0.0196)	-0.00629 (0.0231)	0.0168 (0.0169)	-0.00443 (0.0115)	-0.122*** (0.0254)	0.0259 (0.0182)	-0.0271 (0.0221)
Age	-0.00208 (0.00602)	-0.0113* (0.00587)	-0.00235 (0.00742)	0.0266*** (0.00440)	-0.00281 (0.00300)	-0.00372 (0.00648)	-0.0109* (0.00562)	-0.00495 (0.00574)
Black, non-Hispanic	0.0158 (0.0396)	0.0140 (0.0417)	0.0237 (0.0430)	-0.0332 (0.0328)	0.0204 (0.0198)	-0.0810** (0.0399)	0.0305 (0.0331)	-0.0272 (0.0319)
Hispanic	0.00980 (0.0298)	-0.0204 (0.0348)	0.0241 (0.0298)	-0.0511** (0.0198)	0.0112 (0.0144)	-0.0286 (0.0293)	0.0327 (0.0245)	0.0269 (0.0290)
Other race/ethnicity	0.0474 (0.0351)	0.0278 (0.0413)	0.0579 (0.0384)	-0.0814*** (0.0274)	-0.0303 (0.0222)	-0.0230 (0.0395)	-0.0574* (0.0343)	-0.0247 (0.0341)
Female	0.00836 (0.0194)	0.0144 (0.0206)	0.0596*** (0.0210)	-0.0456** (0.0179)	-0.0280*** (0.0106)	0.0274 (0.0219)	-0.0807*** (0.0203)	-0.0752*** (0.0213)
Income: \$25K-\$49K	-0.0382 (0.0336)	-0.0414 (0.0374)	-0.0320 (0.0423)	0.0124 (0.0277)	0.00864 (0.0194)	0.0155 (0.0371)	0.0110 (0.0302)	0.0351 (0.0341)
Income: \$50K-\$74K	-0.0156 (0.0339)	0.00418 (0.0391)	-0.0129 (0.0383)	0.0379 (0.0314)	0.0172 (0.0215)	0.0526 (0.0415)	0.0176 (0.0331)	0.0299 (0.0362)
Income: \$75K-\$99K	0.0359 (0.0353)	0.0239 (0.0431)	-0.0222 (0.0416)	0.0471 (0.0319)	0.000272 (0.0204)	0.0443 (0.0442)	0.000660 (0.0347)	0.0463 (0.0386)
Income: \$100K+	-0.0101 (0.0321)	-0.0204 (0.0380)	0.0309 (0.0343)	0.0186 (0.0267)	0.0201 (0.0171)	0.0806** (0.0391)	-0.0139 (0.0300)	0.0956*** (0.0347)
HS FT	0.0880 (0.0928)	0.112 (0.111)	0.0279 (0.107)	-0.328*** (0.104)	0.109 (0.0906)	0.297*** (0.0512)	0.0518 (0.0972)	0.128* (0.0770)
College PT	-0.0911 (0.101)	-0.126 (0.114)	-0.0746 (0.113)	-0.102 (0.112)	0.0816 (0.0894)	0.207*** (0.0631)	0.0754 (0.104)	0.0569 (0.0842)
College FT	0.0581 (0.0970)	0.0135 (0.112)	0.114 (0.112)	-0.267** (0.106)	0.0886 (0.0897)	0.253*** (0.0586)	0.0575 (0.103)	0.0819 (0.0780)
Holiday Ind	-0.229** (0.0888)	-0.415*** (0.0179)	-0.147* (0.0805)	-0.0342 (0.0697)	0.0271 (0.0303)	0.291*** (0.0788)	-0.00523 (0.0757)	-0.00589 (0.0801)
Feb	0.126*** (0.0465)	0.129** (0.0536)	0.0829 (0.0545)	0.0188 (0.0377)	0.0144 (0.0298)	-0.0579 (0.0415)	0.0148 (0.0440)	0.0530 (0.0445)
Mar	0.137*** (0.0431)	0.0598 (0.0482)	0.0743 (0.0515)	0.0448 (0.0438)	0.0313 (0.0286)	0.0315 (0.0518)	0.0630 (0.0437)	0.00540 (0.0458)
Apr	0.0580 (0.0459)	0.0377 (0.0563)	0.0325 (0.0565)	0.0159 (0.0405)	0.0134 (0.0364)	-0.0859* (0.0489)	0.0733 (0.0476)	0.0170 (0.0450)
May	-0.0687 (0.0499)	-0.0754 (0.0526)	-0.0432 (0.0580)	0.00159 (0.0347)	0.0223 (0.0387)	-0.000440 (0.0532)	0.0673 (0.0469)	0.0631 (0.0461)
Jun	-0.227*** (0.0602)	-0.212*** (0.0590)	-0.202*** (0.0586)	0.0387 (0.0501)	0.0713*** (0.0237)	0.0342 (0.0553)	0.108*** (0.0410)	0.0973* (0.0549)
Jul	-0.408*** (0.0464)	-0.366*** (0.0436)	-0.327*** (0.0436)	0.0422 (0.0408)	0.0568** (0.0248)	0.0463 (0.0595)	0.0555 (0.0511)	0.142** (0.0555)
Aug	-0.184*** (0.0551)	-0.165*** (0.0596)	-0.184*** (0.0487)	0.0214 (0.0384)	0.0464** (0.0228)	-0.0446 (0.0512)	0.130*** (0.0395)	0.0892* (0.0507)
Sep	0.129*** (0.0417)	0.104* (0.0540)	0.160*** (0.0537)	-0.0103 (0.0429)	0.0410 (0.0275)	-0.0801 (0.0505)	0.0367 (0.0461)	0.101** (0.0503)
Oct	0.102** (0.0404)	0.0827 (0.0506)	0.0779 (0.0549)	0.0604 (0.0384)	0.0149 (0.0307)	-0.0101 (0.0530)	0.0133 (0.0484)	-0.0394 (0.0370)
Nov	0.123*** (0.0419)	0.0372 (0.0485)	0.158*** (0.0531)	0.0227 (0.0356)	0.0137 (0.0311)	-0.0147 (0.0459)	0.0144 (0.0500)	-0.0447 (0.0406)
Dec	-0.0815* (0.0488)	-0.0921* (0.0518)	-0.0578 (0.0492)	-0.0162 (0.0310)	0.0421 (0.0288)	0.119** (0.0495)	0.0344 (0.0536)	0.00441 (0.0423)
Midwest	-0.0731* (0.0348)	-0.0948*** (0.0352)	-0.00580 (0.0411)	0.0796*** (0.0256)	0.00115 (0.0171)	-0.0216 (0.0390)	0.0544* (0.0313)	-0.0442 (0.0367)
South	-0.0689** (0.0287)	-0.0911*** (0.0294)	-0.0119 (0.0375)	0.0351 (0.0260)	-0.00729 (0.0169)	-0.0392 (0.0394)	0.00907 (0.0301)	0.0196 (0.0325)
West	-0.0186 (0.0297)	-0.0334 (0.0342)	0.0536 (0.0352)	0.0584** (0.0274)	-0.0160 (0.0188)	-0.00863 (0.0399)	0.00841 (0.0325)	-0.0527 (0.0350)
MSA	-0.0466* (0.0263)	-0.00420 (0.0295)	-0.0593** (0.0273)	-0.0172 (0.0201)	0.00763 (0.0127)	0.00235 (0.0313)	-0.00306 (0.0229)	0.0260 (0.0246)
MSA-not identified	-0.0628* (0.0370)	-0.0183 (0.0412)	-0.144*** (0.0400)	0.0463 (0.0344)	0.00469 (0.0185)	0.0182 (0.0395)	0.0111 (0.0290)	-0.0299 (0.0356)
Non-metro	-0.0260 (0.0355)	0.0474 (0.0359)	-0.0963** (0.0472)	0.00736 (0.0325)	-0.0162 (0.0230)	-0.0840** (0.0412)	0.0279 (0.0336)	-0.0323 (0.0354)
MSA Status Unknown	0.0690 (0.0925)	0.0502 (0.0941)	-0.163 (0.113)	0.271** (0.111)	-0.0566 (0.0571)	-0.0697 (0.101)	-0.0684 (0.0846)	-0.141** (0.0636)

Notes: *** .01; ** .05; * .10; N = 2495; All analysis uses replicate weights.

Table 4: Marginal Effects of Intensive Margin Estimates with Replicate Weights

	(1) EDUC	(2) CLASS	(3) HWORK	(4) WORK	(5) LEISURE	(6) SOCIAL	(7) SCREEN	(8) EXERCISE	(9) SLEEP
Covid Ind.	-34.23*** (12.21)	-17.63* (9.482)	2.964 (8.420)	-2.792 (17.04)	19.10** (8.651)	1.099 (10.80)	37.26*** (8.642)	3.783 (8.262)	5.559 (7.093)
Age	0.181 (3.803)	-2.629 (3.414)	6.688** (3.091)	3.474 (5.271)	-8.982*** (2.388)	2.032 (3.163)	-7.826*** (2.125)	-3.804* (2.203)	-8.136*** (1.752)
Black, non-Hispanic	11.14 (18.77)	21.35 (16.96)	-13.97 (14.86)	64.39** (32.33)	-22.26 (15.83)	-7.597 (17.24)	-1.724 (15.02)	-13.95 (14.51)	0.143 (12.91)
Hispanic	-17.08 (15.11)	33.67*** (10.95)	-32.64*** (11.41)	10.79 (23.34)	3.655 (11.41)	-9.509 (11.92)	6.121 (10.83)	-18.10* (10.26)	7.132 (8.414)
Other race/ethnicity	32.15 (20.36)	4.997 (14.21)	41.22*** (14.53)	-18.32 (36.09)	-27.79 (16.82)	12.57 (17.50)	-23.30 (14.31)	-32.54*** (10.06)	-6.651 (9.902)
Female	27.54** (10.69)	17.31* (8.950)	-2.203 (9.057)	-28.87 (18.40)	-67.41*** (8.722)	12.08 (9.617)	-57.39*** (8.263)	-25.95*** (8.191)	1.194 (6.001)
Income: \$25K-\$49K	-5.862 (21.58)	-15.26 (16.89)	22.77 (19.39)	34.50 (33.43)	18.21 (14.91)	38.04* (20.33)	3.200 (13.39)	-28.32* (16.78)	-24.90** (11.05)
Income: \$50K-\$74K	1.707 (18.84)	-3.285 (15.05)	-6.296 (18.73)	13.28 (30.93)	7.779 (13.80)	-4.897 (16.02)	-5.267 (13.32)	-5.043 (18.45)	-21.24** (10.62)
Income: \$75K-\$99K	14.72 (22.59)	1.496 (19.23)	23.29 (16.90)	-12.44 (32.40)	16.38 (15.60)	-6.501 (16.33)	3.992 (15.14)	-1.052 (20.21)	-38.78*** (11.37)
Income: \$100K+	-20.42 (17.71)	-10.28 (15.38)	-16.91 (16.59)	26.77 (32.05)	14.86 (13.77)	-1.629 (14.90)	-3.374 (12.53)	-16.85 (16.08)	-39.84*** (9.679)
HS FT	121.5** (47.67)	37.02 (29.63)	45.33 (37.78)	-0.143 (80.65)	-25.50 (43.74)	95.15* (49.85)	-57.62 (50.88)	45.71** (19.11)	-41.37 (29.02)
College PT	-34.71 (55.69)	-123.9*** (41.52)	87.23* (44.23)	122.9 (92.89)	-11.54 (44.43)	72.25 (51.99)	-20.30 (49.57)	46.87** (22.32)	-15.88 (31.42)
College FT	72.67 (50.66)	-73.94** (32.83)	99.87*** (37.64)	57.41 (86.46)	-3.522 (42.80)	130.9** (51.80)	-36.89 (49.36)	44.27** (19.93)	-17.40 (29.60)
Holiday Ind	-71.21 (55.62)	-328.8*** (35.47)	105.7* (55.53)	-15.15 (57.95)	86.98** (37.19)	57.68 (45.84)	37.77 (32.05)	-50.08*** (16.26)	28.35 (21.81)
Feb	-7.354 (23.71)	-41.19* (22.12)	14.16 (17.10)	-38.14 (45.86)	-15.61 (20.29)	-13.50 (21.26)	-22.03 (17.27)	-11.07 (20.61)	8.406 (12.81)
Mar	-25.18 (27.28)	-34.18 (21.34)	11.41 (20.10)	-15.00 (50.51)	-28.91 (20.72)	-18.31 (22.70)	-35.12* (18.44)	-13.06 (14.70)	-14.35 (12.25)
Apr	-44.52* (25.67)	-42.43 (26.28)	-11.03 (17.06)	-86.24* (46.37)	2.409 (21.89)	-33.39 (22.54)	5.692 (20.95)	-11.63 (21.27)	3.988 (13.86)
May	-17.08 (23.70)	-40.98** (19.87)	27.16 (20.05)	-5.523 (52.54)	23.16 (19.44)	3.246 (23.76)	-3.452 (19.46)	-13.47 (15.21)	3.535 (15.29)
Jun	-116.4*** (32.49)	-124.7*** (33.13)	28.38 (23.06)	0.570 (53.25)	70.26*** (25.41)	25.17 (22.44)	25.23 (24.11)	2.929 (24.38)	6.211 (16.67)
Jul	-145.7*** (35.67)	-151.6** (75.04)	-5.153 (24.66)	26.40 (51.83)	97.70*** (26.98)	26.69 (30.80)	48.86* (25.90)	-29.30** (14.42)	0.508 (14.26)
Aug	-95.75*** (32.41)	-102.1*** (26.81)	3.272 (24.19)	57.29 (46.32)	53.34** (21.10)	-16.11 (26.14)	11.95 (19.76)	-7.279 (15.74)	7.681 (14.53)
Sep	17.39 (27.43)	-32.44 (22.37)	29.79 (18.40)	-45.38 (57.63)	-38.30* (19.43)	-33.33 (22.04)	-43.12** (16.61)	-15.61 (15.71)	-6.305 (14.62)
Oct	-15.35 (22.55)	-42.45* (21.76)	4.537 (20.54)	-34.88 (40.55)	-18.57 (19.14)	-17.06 (22.14)	-6.265 (19.14)	-31.62* (17.52)	-22.62* (12.92)
Nov	-24.73 (21.29)	-40.12** (19.76)	2.489 (16.33)	3.924 (39.37)	-27.33 (18.39)	-20.10 (23.83)	-20.10 (16.26)	-37.97** (17.76)	-7.854 (13.58)
Dec	-46.75* (26.32)	-33.56 (24.16)	1.354 (22.97)	-3.777 (43.25)	42.12** (20.11)	32.32 (26.60)	3.952 (20.20)	-33.76** (14.92)	-6.368 (14.16)
Midwest	-31.10 (18.97)	-22.88 (15.45)	0.685 (16.02)	-17.07 (29.47)	0.855 (14.12)	-26.87 (17.06)	-0.192 (12.70)	23.54* (12.47)	4.501 (10.32)
South	-25.15 (19.03)	-6.592 (16.26)	-11.01 (13.89)	-28.64 (29.30)	10.22 (13.51)	-10.94 (15.71)	4.642 (12.52)	6.071 (10.38)	-7.164 (9.001)
West	-4.558 (19.05)	-15.89 (15.98)	18.78 (16.06)	-37.35 (25.64)	-14.61 (14.39)	-17.50 (16.00)	-4.771 (13.31)	14.23 (9.894)	-9.066 (9.671)
MSA	18.49 (14.72)	12.88 (11.06)	19.74** (9.822)	49.90** (21.51)	5.408 (11.34)	29.45*** (10.85)	-5.004 (9.498)	-6.028 (9.062)	2.882 (7.970)
MSA-not identified	-17.87 (20.00)	24.43 (15.51)	-16.71 (14.90)	51.18* (28.12)	14.61 (14.56)	-2.050 (13.11)	26.12* (14.29)	-12.08 (11.63)	-15.21* (9.079)
Non-metro	15.05 (21.76)	30.05* (17.39)	-16.90 (18.02)	13.44 (35.73)	4.520 (16.56)	14.40 (18.60)	4.945 (14.97)	4.741 (20.41)	-12.15 (11.46)
MSA Status Unknown	-10.79 (27.89)	-22.18 (25.08)	39.71 (46.91)	6.478 (37.47)	-25.19 (40.64)	-69.50*** (22.09)	65.14 (49.49)	14.92 (94.56)	-19.91 (17.94)
Constant	321.1*** (89.30)	407.5*** (73.72)	-31.25 (76.43)	228.9* (138.3)	510.3*** (71.88)	-36.96 (76.39)	430.1*** (77.12)	182.3*** (50.91)	780.3*** (45.33)

*** p<0.01, ** p<0.05, * p<0.10. All analysis uses replicate weights.

Table 5: Marginal Effects of Interaction Estimates with Replicate Weights

	(1) EDUC	(2) CLASS	(3) HWORK	(4) WORK	(5) LEISURE	(6) SOCIAL	(7) SCREEN	(8) EXERCISE	(9) SLEEP
Panel A: Covid Indicator									
Extensive Margin									
Low Income	-0.001 (0.048)	-0.006 (0.048)	0.008 (0.049)	-0.002 (0.033)	0.036 (0.028)	-0.094* (0.051)	0.055 (0.039)	-0.054 (0.044)	
Mid-to-High Income	-0.014 (0.025)	-0.041* (0.024)	-0.016 (0.026)	0.023 (0.021)	-0.011 (0.013)	-0.127*** (0.029)	0.019 (0.021)	-0.011 (0.026)	
Intensive Margin									
Low Income	-62.96** (28.38)	-50.26** (20.17)	-21.76 (22.40)	1.199 (42.15)	35.15** (17.62)	37.05 (22.77)	52.94*** (17.89)	-35.13** (17.39)	9.174 (13.52)
Mid-to-High Income	-28.72** (13.26)	-12.93 (10.76)	7.148 (8.826)	-0.480 (17.97)	20.05* (10.45)	-4.434 (12.07)	36.10*** (10.63)	8.543 (9.213)	2.898 (7.638)
Panel B: Two Covid Periods									
Intensive Margin									
Early Pandemic Period									
Low Income	-0.022 (0.070)	-0.103 (0.065)	0.0339 (0.0685)	-0.0174 (0.0491)	0.067** (0.026)	-0.011 (0.064)	0.128*** (0.037)	-0.000 (0.060)	
Mid-to-High Income	0.010 (0.029)	-0.052 (0.032)	0.0137 (0.0350)	0.0296 (0.0300)	-0.022 (0.019)	-0.199*** (0.031)	0.012 (0.029)	0.010 (0.036)	
Later Pandemic Period									
Low Income	0.008 (0.053)	0.042 (0.057)	-0.005 (0.056)	0.004 (0.037)	0.023 (0.033)	-0.132** (0.0581)	0.021 (0.050)	-0.081* (0.047)	
Mid-to-High Income	-0.027 (0.030)	-0.035 (0.028)	-0.032 (0.032)	0.019 (0.024)	-0.005 (0.014)	-0.0862** (0.0357)	0.022 (0.024)	-0.023 (0.030)	
Extensive Margin									
Early Pandemic Period									
Low Income	-105.1** (41.75)	-86.24*** (31.49)	-6.322 (36.94)	-42.92 (59.69)	96.09*** (25.51)	79.36* (43.46)	79.67*** (27.02)	-48.61*** (18.40)	22.23 (20.42)
Mid-to-High Income	-46.01*** (16.77)	-15.49 (16.26)	10.72 (12.84)	-9.862 (23.92)	28.72* (15.31)	5.037 (15.40)	55.37*** (14.79)	17.86 (12.89)	9.444 (9.537)
Later Pandemic Period									
Low Income	-43.79 (32.26)	-37.37* (21.95)	-29.13 (22.64)	18.46 (44.72)	4.905 (20.60)	6.916 (25.27)	38.60* (20.24)	-24.74 (20.62)	2.970 (15.21)
Mid-to-High Income	-18.54 (15.43)	-11.41 (12.79)	4.944 (9.671)	5.216 (22.14)	15.44 (12.29)	-8.121 (13.14)	25.61** (12.87)	2.713 (9.877)	-0.715 (9.262)

Notes: *** .01; ** .05; *.10; N = 2495; All analysis uses replicate weights.

Low income is considered \$34,999 or lower (25th percentile of the distribution).

Marginal effects are calculated from the OLS model including interactions between the covid indicator and low income indicator along with all additional covariates.