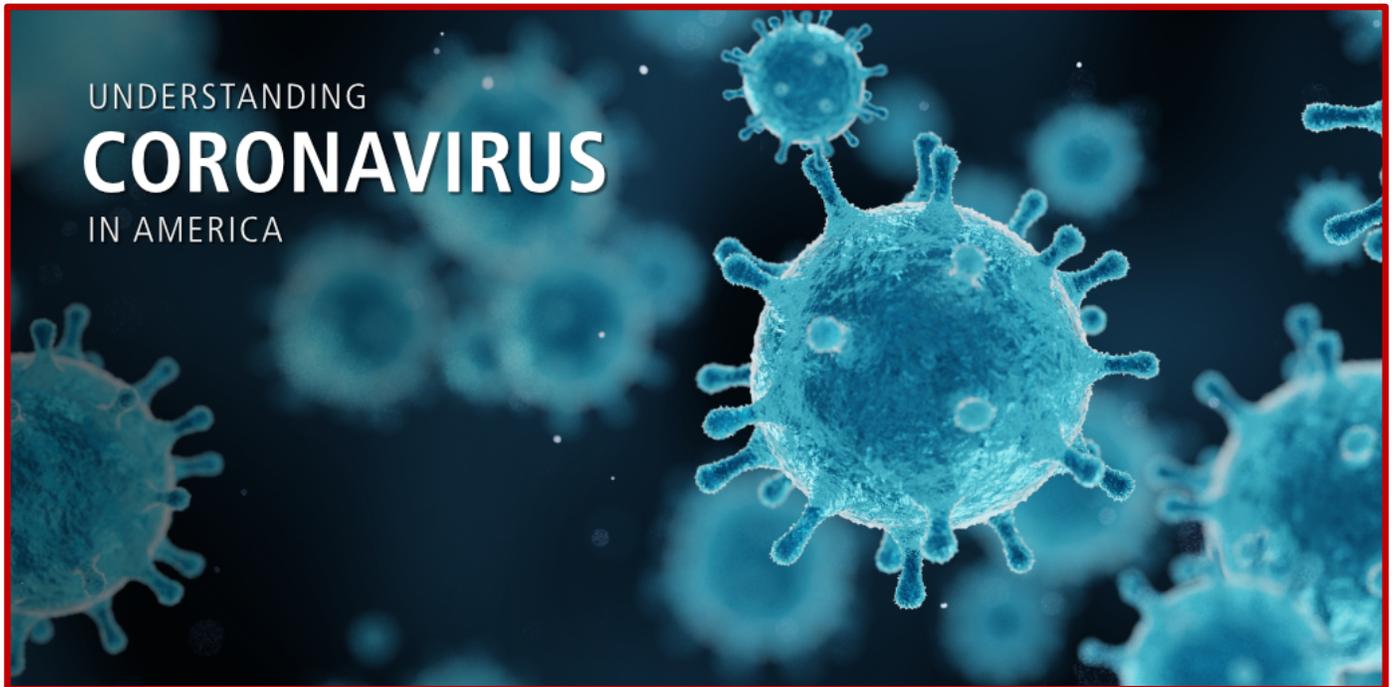


**Center for Economic and Social Research
Understanding America Study**



**Coronavirus Tracking Survey
K-12 Education Methodology and Select Crosstab Results**

**UAS348 – Wave 21
June 9 – July 19, 2021**

July 30, 2021 Release

Methodology

On April 1, 2020, USC’s Center for Economic and Social Research (CESR) invited all active members of CESR’s Understanding America Study (UAS) probability-based internet panel to participate in an ongoing coronavirus tracking survey. The panel includes participants with and without household members in K-12 or higher education. This document describes the methodology used to identify households with members who were eligible to receive questions from the education modules included in the UAS.

This methodology and topline is associated with participants in Wave 21 of the UAS tracking survey, administered from June 9, 2021 to July 19, 2021. A total of 2702 panel members were eligible to be included in the full weighted sample, resulting in a participation rate of 63% for this wave. See the methodology and topline for the full tracking survey [here](#).

Education Sample Information

A total of 1714 adult US residents with household members (usually their children) in preK-12 participated in this wave and are included in the final UAS348 data file. After unduplicating households with multiple respondents (see below), UAS348 includes responses from 1448 households. This sample is similarly-sized to those from previous administrations of the education portion of the UAS (see Table 1).

The margin of sampling error for the full sample of unduplicated households with children is +/- 2 percentage points. For questions with smaller sample sizes than the full sample, margins of sampling error are wider. All margins of sampling error are specified by question in the topline and crosstab results.

Note that topline and crosstab results are only reported for items with at least 100 responses, unduplicated. If certain items are missing (especially for particular subgroups, in the crosstab document), it is likely that there were fewer than 100 responses to that item from that group in UAS348.

Table 1. Education Sample Size Across Waves		
Wave	Dates in the field	Unduplicated SA sample size
UAS235	April 1 – April 28, 2020	1296

UAS240	April 15 – May 12, 2020	1505
UAS242	April 29 – May 26, 2020	1533
UAS250	June 24 – July 21, 2020	1411
UAS264	September 30 – October 27, 2020	1334
UAS270	November 11 – December 8, 2020	1432
UAS272	November 25 – December 22, 2020	1404
UAS274	December 9, 2020 – January 5, 2021	1449
UAS276	December 23, 2020 – January 19, 2021	1475
UAS278	January 6 – February 2, 2021	1510
UAS280	January 20 – February 16, 2021	1526
UAS282	February 3 – March 2, 2021	1556
UAS340	February 17 – March 30, 2021	1542
UAS342	March 17 – April 27, 2021	1507
UAS344	April 14 – May 25, 2021	1510
UAS346	May 12 - June 22, 2021	1473
UAS348	June 9 - July 19, 2021	1448

Method and Rationale for Unduplicating Households

Some households in the UAS education sample have multiple respondents who respond about the same individuals in K-12 or postsecondary education. For instance, in a household with two parents and one child, and both parents were included in the UAS panel and participated in a given wave, both respondents were asked the same education questions about their child’s experiences. In UAS348, 266 households (16%) in the sample of respondents with school-aged children had multiple respondents within a household. While the UAS is designed to capture information about American households, for the education modules, we are primarily interested in the characteristics and experiences of individual students, and duplication within households will over-represent the responses of households with multiple respondents. To eliminate this over-representation, we unduplicate households with the goal of maintaining respondent sample continuity across waves. The method is described in more detail below:

1. Most households (1381 households in the UAS348 school-aged sample) already have a flag in the main UAS dataset identifying the “primary respondent.” When the primary respondent flag exists, we defer to that designation by selecting that individual. For more information about the primary respondent flag, see <https://uasdata.usc.edu/index.php> (“default survey variables”).

2. For households in which the flag doesn't already exist, we randomly designated one respondent per household as that household's "primary respondent" in the first UAS administration of education questions (UAS235) and retained those responses for the unduplicated sample.
3. If the "primary respondent" gives a response in any subsequent wave, we retain that response for that wave's unduplicated sample.
4. If that primary respondent is not available in a given wave, we randomly select another respondent from that household to retain for the unduplicated sample.

The unduplicating process yielded an unduplicated household count of 1473 households with school-aged children (Table 1). Similar proportions of responses (available on request) were dropped in other waves.

Randomly-selected child

Responses to questions asked of parents of preK-12th grade children who have more than one child might differ by child. For questions for which parents may have differing responses by child, starting with uas240 we programmed the survey instrument to randomly select a single child and asked the respondent to respond for that child only. We retained this same randomly selected child over time for these questions, which permitted comparing responses about the same child longitudinally.

Since UAS 264 was administered at the beginning of a new school year, we added a question in UAS264 asking whether the previous randomly selected child was still enrolled in K-12 education. If yes, we retained the same randomly-selected child. If no, we moved that child to the postsecondary sample (no questions in UAS346 pertain to this group) and asked about their current post-high school plans, and randomly selected a different child from that household to be part of the school-aged sample, if applicable. If a household had no randomly-selected child in our system (for example, because their only school-aged child had just started kindergarten this year), then we randomly selected a child beginning in UAS264. Overall, 74% of respondents (n=993) in UAS264 (school year 2020-2021) were responding about the same randomly-selected child as in UAS250 and earlier (school year 2019-2020). We recommend using survey question sl055 to restrict the sample to just these 993 for longitudinal analyses.

Tracking Survey Design

Each panel member is randomized to respond on a pre-assigned day of the week, distributed so that our full sample is invited to participate over a 14-day period. Respondents have until their next assigned wave day (or 14 days) to complete the survey but receive an extra \$1 incentive for completing the survey on their assigned day.

Survey questionnaires, topline, microdata files, and a press room specific to the UAS education samples are available on our UAS Covid19 data site at uasdata.usc.edu/page/Covid-19+Home.

Questionnaire

Survey wording and question text are provided in this topline release, but for full wording including context, please refer to the associated codebook and questionnaire. For most questions, we rotated the order of response options, and/or questions to average out order effects. Respondents participated via computer, mobile device or tablet, at any time of day or night during the field period. When households selected as UAS panel members through Address-Based-Sampling did not have a tablet and/or internet access we provided them. The survey was conducted in the respondents' choice of English or Spanish.

A few survey questions experienced slight changes across UAS administration waves, summarized in Table 2.

Question	Changes starting in	Description of Change
cl006b, cl010aa, cl010bb, cl011b, cl013	UAS242	New answer option added: “[NAME]’s institution does not plan for in-person enrollment in the fall.”
sl012, sl014	UAS250	New answer option added: “A national service program (e.g., Americorps, City Year)”
sl045, sl046	UAS250	In UAS250, a coding error affected data for these questions (description and recommendations for how to proceed are below)
ed015 / sl038	UAS250	This question asks about support for cancelling all standardized tests for the 2020-2021 school year. When asked prior to UAS250 (as part of sl038), respondents answered on a 5-point scale, with a neutral midpoint option. When asked in UAS250 and beyond (as part of ed015), respondents answered on a 4-point scale, with no neutral midpoint option.
cl005ddd	UAS250	Prior to UAS250, respondents were instructed to pick one way their employment status had changed. Starting in UAS250, they

		were instructed to check all options that apply. (The set of options does not change across waves.)
sl076, sl077	UAS264	“Other” is not an answer option for these, but was an answer option for the analogous questions in school year 2019-2020, sl012 and sl014.
cl005	UAS264	“Unsure” answer option is new as of UAS264.

Two further notes specific to time-use questions (sl045 and sl046)

UAS 250 asks respondents to report on activities that SA children engaged in on a typical day in the last week. However, 10% of the SA sample (n=153) were still in school at the time they responded to the survey. We removed students still in school from the analyses of these questions and recommend other researchers do the same if examining how children spent time during “the summer.” (SI039 indicates whether school is in session during UAS250 administration).

There was also a programming error for these questions early in the administration of UAS250, such that any response greater than 7 hours in the last week was coded as 1-2 hours in the last week. Therefore, the “1-2 hours in the last week” category contains some responses of 1-2 hours in the last week and some responses of 7-8, 8-9, and 10 or more hours in the last week. While the error was fixed during the administration window, we recommend using only the categories unaffected by the error, for example by using a binary indicator for “0 hours in the last week” versus “more than 0 hours in the last week.”

Weights

The method for creating sample weights for the tracking survey follows the general procedure for UAS surveys described in CESR’s online methodology documentation. Sample weights are constructed in two steps. First, we calculate a base weight that corrects for unequal probabilities of selection of different households into the UAS. Second, we generate poststratification weights, which align sample distributions of key demographics, namely gender, race/ethnicity, age, education, and geographic location, with their population counterparts. Population benchmarks are derived from the Basic Monthly Current Population Survey (CPS). The sample weights bring the sample in line with the U.S. adult population. Note that we did not recalculate weights to align to the characteristics of U.S. households with students in K-12 or higher education in particular.

About the UAS Internet Panel

The Understanding America Study (UAS) is an ongoing national research panel that started in 2014. We recruit panel members in waves from Marketing Systems Group frames of all household addresses in the United States. To ensure full coverage of the U.S. population, we provide internet-connected tablets to households that were not already online. Our panel includes U.S. residents who have cell phones, landlines, or no phone at all. It also includes a small number of respondents recruited from a listed sample, these participants are not included in weighted samples. Panel members are compensated for their participation.

For more information about the UAS panel, including weighting details; panel sampling procedures; recruitment protocols, survey and recruitment response rates; panel attrition rates; panel management protocols; and microdata files (including nonresponse and paradata), please visit the Understanding America Study panel website at <https://UASdata.usc.edu>.

About CESR

The Center for Economic and Social Research (CESR), part of the USC Dornsife College of Letters, Arts and Sciences, conducts basic and applied research in economics, psychology, demography, education, and sociology. The center's name signifies the breadth of the research, which encompasses numerous disciplines, topics and methodologies. The Center's multi-disciplinary philosophy fosters a productive and innovative research environment focused on understanding and informing important societal issues.

Survey Team

Arie Kapteyn Ph.D., is Professor of Economics and the Executive Director of the Dornsife College of Letters Arts and Sciences Center for Economic and Social Research (CESR) at the University of Southern California.

Marshall Garland MA, is a Senior Research Scientist at Gibson Consulting Group.

Michael Fienberg is a PhD student at the University of Southern California Rossier School of Education

Morgan Polikoff, Ph.D., is an Associate Professor at the University of Southern California Rossier School of Education.

Amie Rapaport, Ph.D., is the Director of Research at Gibson Consulting Group.

Anna Saavedra, Ed.D., is a Research Scientist at the Dornsife College of Letters Arts and Sciences Center for Economic and Social Research (CESR) at the University of Southern California.

Daniel Silver is a PhD candidate at the University of Southern California Rossier School of Education

Jill E Darling, MSHS, is Survey Director for the Understanding America Study at the Center for Economic and Social Research at the University of Southern California.

For questions about this survey, please contact uas-l@usc.edu

The USC Dornsife Center for Economic and Social Research is a proud member of the American Association for Public Opinion Research's Transparency Initiative. The survey was funded by the USC Dornsife College of Arts, Letters and Sciences.

Topline Report

Survey dates: June 9, 2021 to July 19, 2021

Respondent Characteristic	Sample Proportion (N=1714 before unduplication)	
	Unweighted (%)	Weighted (%)
Male	36%	41%
Age 18-34	20%	29%
Age 35-54	64%	58%
Age 55-64	10%	8%
Age 65+	6%	4%
Education (HS degree or less)	23%	38%
Education (some college)	36%	30%
Education (BA or more)	41%	32%
HH income (\$24,999 or less)	19%	23%
HH income (\$25,000-\$49,999)	19%	21%

HH income (\$50,000-\$74,999)	17%	17%
HH income (\$75,000-\$149,999)	30%	29%
HH income (\$150,000 or more)	14%	11%
Non-Hispanic White	57%	55%
Non-Hispanic Black	10%	14%
Non-Hispanic Asian	6%	5%
Non-Hispanic Other	5%	4%
Hispanic/Latino	22%	23%
Has child in elementary (PK-5)*	45%	50%
Has child in middle school (6-8)*	20%	20%
Has child in high school (9-12)*	36%	30%
Public (district/magnet/charter)*	*	*
Private (religious/independent)*	*	*
Other (includes home school)*	*	*

*these indicators are not mutually exclusive

NOTE: Questions about school type were only asked of respondents whose schools were still in session as of UAS 348 (June-July 2021), so only 256 households responded.

Education Survey Items: Crosstabs

**sl056: In what grade is [NAME] this year?
grade of selected child**

Kindergarten	1st grade	2nd grade	3rd grade	4th grade	5th grade	6th grade	7th grade	8th grade	9th grade	10th grade	11th grade	12th grade	Obs	MOSE
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OVERALL		12.1	9.9	7.8	5.9	6.2	8.2	7.0	6.4	6.7	5.2	7.7	7.2	9.5	1361	+/- 3
EDUCATION	HS or Less	11.4	8.5	3.1	5.9	4.9	7.0	10.6	8.4	7.0	5.7	7.8	7.4	12.4	291	+/- 6
	Some College	9.7	9.9	9.9	7.1	8.5	11.7	6.0	5.1	6.2	5.4	8.0	5.5	7.1	496	+/- 4
INCOME	BA or More	15.2	11.5	11.1	4.8	5.5	6.5	4.3	5.5	6.6	4.5	7.3	8.5	8.7	573	+/- 4
	Less than \$25K	13.6	9.3	6.0	5.8	6.8	6.7	9.2	9.7	5.2	1.6	9.1	9.6	7.5	253	+/- 6
INCOME	\$25K-\$49K	7.1	10.6	4.8	8.7	4.5	13.7	6.4	4.7	7.3	6.8	5.5	6.6	13.2	267	+/- 6
	\$50K-\$74K	14.9	5.8	12.8	5.3	6.7	5.4	9.9	4.9	8.4	6.1	4.4	6.1	9.4	235	+/- 6
	\$75K-\$149K	11.6	11.3	9.4	4.2	7.9	7.5	5.6	7.0	6.3	6.1	7.6	6.7	8.9	413	+/- 5
	Greater than \$150K	16.1	13.2	5.7	5.8	3.6	6.8	3.4	4.1	6.7	5.2	14.5	6.8	7.9	193	+/- 7
GENDER	Female	12.4	9.2	7.9	7.0	6.1	9.7	6.8	7.7	6.2	4.6	6.4	6.4	9.6	892	+/- 3
	Male	11.6	11.1	7.7	4.0	6.5	6.0	7.5	4.3	7.5	6.1	9.8	8.5	9.3	469	+/- 5
RACE/ETHNICITY	NH White	12.0	9.2	8.8	7.0	5.6	7.5	7.1	7.5	6.5	5.4	5.7	7.1	10.5	777	+/- 4
	NH Black	10.9	6.8	6.8	5.6	6.1	9.3	9.0	9.7	5.4	8.0	9.7	8.5	4.0	127	+/- 9
	Hispanic	11.6	13.0	8.2	3.8	5.7	10.0	8.0	3.6	7.2	4.3	8.6	6.6	9.3	298	+/- 6
	CA	12.7	9.7	6.5	5.9	5.9	9.0	6.1	5.6	4.7	4.9	6.0	10.5	12.8	453	+/- 5
CA RESIDENTS	Resident															

sl057a: Is [NAME] enrolled in a public, private, charter or virtual school for the 2020-21 school year (even if currently attending school from home), or are they homeschooled, or does some other situation apply?
enrolled in any type of school

		Enrolled in School	Homeschooling	Neither enrolled nor homeschooling	Other	Obs	MOSE
OVERALL		85.8	7.4	2.0	4.7	1376	+/- 3
EDUCATION	HS or Less	81.0	7.4	4.0	7.6	296	+/- 6
	Some College	87.5	7.6	0.8	4.1	501	+/- 4
	BA or More	89.5	7.2	1.1	2.2	578	+/- 4
INCOME	Less than \$25K	85.9	6.4	4.2	3.4	260	+/- 6
	\$25K-\$49K	83.0	7.3	2.2	7.5	268	+/- 6
	\$50K-\$74K	82.1	11.5	2.2	4.2	237	+/- 6
	\$75K-\$149K	88.3	7.2	0.9	3.7	415	+/- 5
	Greater than \$150K	90.9	3.5	0.3	5.3	196	+/- 7
GENDER	Female	85.4	7.3	2.5	4.9	904	+/- 3
	Male	86.6	7.6	1.3	4.5	472	+/- 5
RACE/ETHNICITY	NH White	83.5	9.5	1.7	5.3	781	+/- 4
	NH Black	88.1	3.4	5.5	3.0	130	+/- 9
	Hispanic	88.6	6.4	1.2	3.8	305	+/- 6

CA RESIDENTS	CA Resident	88.7	5.2	1.2	4.9	461	+/- 5
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sl083: [if sl057a = yes] Is name's school still in session for the 2020-2021 school year?
school still in session

		1 Yes	2 No	3 Unsure	Obs	MOSE
OVERALL		20.4	78.3	1.3	1205	+/- 3
EDUCATION	HS or Less	24.1	73.0	2.9	245	+/- 6
	Some College	20.1	79.2	0.8	435	+/- 5
	BA or More	17.2	82.7	0.2	524	+/- 4
INCOME	Less than \$25K	29.8	65.8	4.4	213	+/- 7
	\$25K-\$49K	23.1	76.2	0.8	230	+/- 6
	\$50K-\$74K	14.4	85.1	0.5	204	+/- 7
	\$75K-\$149K	16.5	83.4	0.0	379	+/- 5
	Greater than \$150K	16.6	82.9	0.5	179	+/- 7
GENDER	Female	21.6	76.9	1.6	790	+/- 3
	Male	18.5	80.7	0.8	415	+/- 5
RACE/ETHNICITY	NH White	16.4	81.9	1.6	675	+/- 4
	NH Black	33.4	65.8	0.8	113	+/- 9
	Hispanic	19.7	79.4	0.9	272	+/- 6
CA RESIDENTS	CA Resident	22.1	74.7	3.3	412	+/- 5

se008: [if sl057a != 2 OR (sl057=2 AND se008a = 2) (not homeschooling or homeschooling and not planning to homeschool next year)] Are you planning to send [NAME] to school in-person at the beginning of the 2021-22 school year?
plan to send to school in person

		1 Yes	2 No	3 Unsure	Obs	MOSE
OVERALL		85.1	7.7	7.2	1152	+/- 3
EDUCATION	HS or Less	76.5	12.3	11.2	244	+/- 6
	Some College	86.5	6.8	6.7	428	+/- 5
	BA or More	92.6	3.8	3.6	479	+/- 4
INCOME	Less than \$25K	69.9	17.2	12.8	222	+/- 7
	\$25K-\$49K	82.7	5.1	12.2	221	+/- 7
	\$50K-\$74K	90.5	6.1	3.4	197	+/- 7
	\$75K-\$149K	91.3	5.9	2.9	348	+/- 5
	Greater than \$150K	95.3	0.7	4.0	164	+/- 8
GENDER	Female	82.6	8.4	8.9	757	+/- 4
	Male	89.2	6.5	4.4	395	+/- 5
RACE/ETHNICITY	NH White	89.9	5.9	4.2	639	+/- 4
	NH Black	74.0	10.7	15.2	117	+/- 9
	Hispanic	81.8	8.8	9.4	259	+/- 6
CA RESIDENTS	CA Resident	76.5	12.7	10.8	381	+/- 5

sl058a: [if sl057a = yes] What kind of school is [NAME] enrolled in?

kind of school enrolled in

		1 Public school	2 Private school	3 Charter school	4 Virtual School	5 Other	Obs	MOSE
OVERALL		85.6	5.9	3.0	5.3	0.2	222	+/- 7
GENDER	Female	86.5	2.4	4.4	6.6	0.1	149	+/- 8
RACE/ETHNICITY	NH White	83.6	9.4	2.7	3.9	0.4	100	+/- 10

sl060a: [if sl057=yes] Approximately what percent of the students at [NAME]'s school are currently attending school in person?

percent currently attending in person

		Mean	Obs	MOSE
OVERALL		62.6	221	+/- 7
GENDER	Female	61.6	149	+/- 8
RACE/ETHNICITY	NH White	73.4	100	+/- 10

sl061a: [if sl057a = yes] How is [NAME] currently attending school?

how currently attending school

		1 In-person only	2 Remote only	3 Both in-person and remote (hybrid)	4 Other, please specify: sl061a_other	Obs	MOSE
OVERALL		53.1	30.8	14.8	1.3	222	+/- 7
GENDER	Female	51.8	30.8	15.8	1.6	149	+/- 8
RACE/ETHNICITY	NH White	69.5	18.7	11.1	0.6	100	+/- 10

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sl062a: [if sl057a = yes] Given the state of the COVID-19 pandemic in your area and your school's safety protocols, how would you prefer [NAME] to attend school right now?

how prefer attending school

		1 In-person only	2 Remote only	3 Both in-person and remote (hybrid)	4 Other, please specify: sl062a_other	5 Unsure	Obs	MOSE
OVERALL		53.4	26.1	16.6	0.4	3.5	222	+/- 7
GENDER	Female	52.6	26.1	17.4	0.2	3.6	149	+/- 8
RACE/ETHNICITY	NH White	73.1	14.2	9.7	0.4	2.6	100	+/- 10

sl063: [if sl060a > 0 or sl061a= in person or sl061a= hybrid] Is [NAME]'s school using any of the following COVID-19 mitigation strategies?

School policy requires students to wear masks at all times

		1 Yes	2 No	3 Unsure	Obs	MOSE
OVERALL		68.7	19.0	12.3	209	+/- 7
GENDER	Female	77.5	13.0	9.5	142	+/- 8

sl063: [if sl060a > 0 or sl061a= in person or sl061a= hybrid] Is [NAME]'s school using any of the following COVID-19 mitigation strategies?
School policy requires teachers to wear masks at all times

		1 Yes	2 No	3 Unsure	Obs	MOSE
OVERALL		67.5	18.7	13.8	210	+/- 7
GENDER	Female	77.9	10.4	11.7	143	+/- 8

sl063: [if sl060a > 0 or sl061a= in person or sl061a= hybrid] Is [NAME]'s school using any of the following COVID-19 mitigation strategies?
School policy requires everyone on campus to have their temperature taken

		1 Yes	2 No	3 Unsure	Obs	MOSE
OVERALL		50.4	27.4	22.2	210	+/- 7
GENDER	Female	56.0	23.2	20.8	143	+/- 8

sl063: [if sl060a > 0 or sl061a= in person or sl061a= hybrid] Is [NAME]'s school using any of the following COVID-19 mitigation strategies?
School policy requires that everyone on campus remain six feet apart

		1 Yes	2 No	3 Unsure	Obs	MOSE
OVERALL		57.6	21.7	20.7	210	+/- 7
GENDER	Female	66.2	13.6	20.2	143	+/- 8

sl063: [if sl060a > 0 or sl061a= in person or sl061a= hybrid] Is [NAME]'s school using any of the following COVID-19 mitigation strategies?
Hand sanitizer is available in classroom(s)

		1 Yes	2 No	3 Unsure	Obs	MOSE
OVERALL		73.1	8.7	18.2	210	+/- 7
GENDER	Female	74.7	6.7	18.7	143	+/- 8

sl063: [if sl060a > 0 or sl061a= in person or sl061a= hybrid] Is [NAME]'s school using any of the following COVID-19 mitigation strategies?
School policy requires contact tracing if cases arise in the school

		1 Yes	2 No	3 Unsure	Obs	MOSE
OVERALL		65.8	10.9	23.3	210	+/- 7
GENDER	Female	73.7	5.1	21.2	143	+/- 8

sl084: On a typical weekday over this past week, for approximately how much time does [Name] engage in the following primarily academic activities: (responses in hours)
Educational activities provided by your child's school

		Mean	Obs	MOSE
OVERALL		2.5	1369	+/- 3
EDUCATION	HS or Less	2.7	293	+/- 6
	Some College	2.5	500	+/- 4
	BA or More	2.3	575	+/- 4

INCOME	Less than \$25K	2.6	257	+/- 6
	\$25K-\$49K	2.5	267	+/- 6
	\$50K-\$74K	2.7	235	+/- 6
	\$75K-\$149K	2.1	415	+/- 5
	Greater than \$150K	2.8	195	+/- 7
GENDER	Female	2.5	899	+/- 3
	Male	2.5	470	+/- 5
RACE/ETHNICITY	NH White	2.0	777	+/- 4
	NH Black	3.1	130	+/- 9
	Hispanic	3.0	303	+/- 6
CA RESIDENTS	CA Resident	3.4	458	+/- 5

sI084: On a typical weekday over this past week, for approximately how much time does [Name] engage in the following primarily academic activities: (responses in hours)
Engaging in math or science activities

		Mean	Obs	MOSE
OVERALL		1.8	1367	+/- 3
EDUCATION	HS or Less	2.0	292	+/- 6
	Some College	1.7	499	+/- 4
	BA or More	1.5	575	+/- 4
INCOME	Less than \$25K	2.0	256	+/- 6
	\$25K-\$49K	2.0	267	+/- 6
	\$50K-\$74K	1.9	235	+/- 6
	\$75K-\$149K	1.5	414	+/- 5
	Greater than \$150K	1.6	195	+/- 7
GENDER	Female	1.8	898	+/- 3
	Male	1.7	469	+/- 5
RACE/ETHNICITY	NH White	1.4	777	+/- 4
	NH Black	2.4	130	+/- 9
	Hispanic	2.0	302	+/- 6
CA RESIDENTS	CA Resident	2.4	457	+/- 5

sI084: On a typical weekday over this past week, for approximately how much time does [Name] engage in the following primarily academic activities: (responses in hours)
Writing (either with pen/paper or on a computer/tablet)

		Mean	Obs	MOSE
OVERALL		2.1	1366	+/- 3
EDUCATION	HS or Less	2.4	291	+/- 6
	Some College	2.2	499	+/- 4
	BA or More	1.6	575	+/- 4
INCOME	Less than \$25K	2.5	255	+/- 6
	\$25K-\$49K	2.2	267	+/- 6

	\$50K-\$74K	2.0	235	+/- 6
	\$75K-\$149K	2.0	414	+/- 5
	Greater than \$150K	1.4	195	+/- 7
GENDER	Female	2.2	898	+/- 3
	Male	1.9	468	+/- 5
RACE/ETHNICITY	NH White	1.8	777	+/- 4
	NH Black	2.5	129	+/- 9
	Hispanic	2.5	302	+/- 6
CA RESIDENTS	CA Resident	2.7	457	+/- 5

sl084: On a typical weekday over this past week, for approximately how much time does [Name] engage in the following primarily academic activities: (responses in hours)

Reading

		Mean	Obs	MOSE
OVERALL		2.4	1369	+/- 3
EDUCATION	HS or Less	2.6	293	+/- 6
	Some College	2.4	500	+/- 4
	BA or More	2.3	575	+/- 4
INCOME	Less than \$25K	2.5	258	+/- 6
	\$25K-\$49K	2.7	267	+/- 6
	\$50K-\$74K	2.2	235	+/- 6
	\$75K-\$149K	2.4	414	+/- 5
	Greater than \$150K	2.0	195	+/- 7
GENDER	Female	2.5	899	+/- 3
	Male	2.3	470	+/- 5
RACE/ETHNICITY	NH White	2.3	777	+/- 4
	NH Black	2.7	130	+/- 9
	Hispanic	2.4	303	+/- 6
CA RESIDENTS	CA Resident	2.8	458	+/- 5

sl084: On a typical weekday over this past week, for approximately how much time does [Name] engage in the following primarily academic activities: (responses in hours)

Screen time

		Mean	Obs	MOSE
OVERALL		4.4	1368	+/- 3
EDUCATION	HS or Less	4.2	294	+/- 6
	Some College	4.5	499	+/- 4
	BA or More	4.4	574	+/- 4
INCOME	Less than \$25K	3.9	259	+/- 6
	\$25K-\$49K	4.5	267	+/- 6
	\$50K-\$74K	4.4	234	+/- 6
	\$75K-\$149K	4.4	414	+/- 5

	Greater than \$150K	4.6	194	+/- 7
GENDER	Female	4.6	899	+/- 3
	Male	4.0	469	+/- 5
RACE/ETHNICITY	NH White	4.3	776	+/- 4
	NH Black	4.0	130	+/- 9
	Hispanic	4.6	304	+/- 6
CA RESIDENTS	CA Resident	4.8	459	+/- 5

sl084: On a typical weekday over this past week, for approximately how much time does [Name] engage in the following primarily academic activities: (responses in hours) physical activity

		Mean	Obs	MOSE
OVERALL		3.8	1368	+/- 3
EDUCATION	HS or Less	4.1	294	+/- 6
	Some College	3.9	499	+/- 4
	BA or More	3.4	574	+/- 4
INCOME	Less than \$25K	3.5	258	+/- 6
	\$25K-\$49K	4.0	267	+/- 6
	\$50K-\$74K	4.2	235	+/- 6
	\$75K-\$149K	3.8	414	+/- 5
	Greater than \$150K	3.5	194	+/- 7
GENDER	Female	3.9	899	+/- 3
	Male	3.6	469	+/- 5
RACE/ETHNICITY	NH White	4.1	776	+/- 4
	NH Black	3.6	130	+/- 9
	Hispanic	3.6	304	+/- 6
CA RESIDENTS	CA Resident	3.4	459	+/- 5

sl086: On a scale from 1 to 10, how likely would you be to send [NAME] to school full-time, in-person after reading this message?*
Likelihood of sending to school fully in-person

		Mean	Obs	MOSE
OVERALL		8.0	1366	+/- 3
EDUCATION	HS or Less	7.4	294	+/- 6
	Some College	8.0	497	+/- 4
	BA or More	8.7	574	+/- 4
INCOME	Less than \$25K	6.4	257	+/- 6
	\$25K-\$49K	7.8	267	+/- 6
	\$50K-\$74K	8.3	235	+/- 6
	\$75K-\$149K	8.7	413	+/- 5
	Greater than \$150K	9.3	194	+/- 7
GENDER	Female	7.9	898	+/- 3

	Male	8.2	468	+/- 5
RACE/ETHNICITY	NH White	8.3	775	+/- 4
	NH Black	7.7	129	+/- 9
	Hispanic	7.6	304	+/- 6
CA RESIDENTS	CA Resident	7.4	459	+/- 5

*This question followed an experimental manipulation designed to measure the effects of messaging on parents' willingness to send their child to school in person.

se007: How concerned or unconcerned are you about each of the following now, in summer 2021:

child psychological well-being

		1 Not at all concerned	2 A little concerned	3 Concerned	4 Very concerned	Obs	MOSE
OVERALL		61.1	24.5	9.1	5.3	1365	+/- 3
EDUCATION	HS or Less	67.8	18.9	8.3	5.0	291	+/- 6
	Some College	58.9	27.6	10.2	3.3	498	+/- 4
	BA or More	56.2	27.6	9.0	7.2	575	+/- 4
INCOME	Less than \$25K	61.7	18.4	12.4	7.5	256	+/- 6
	\$25K-\$49K	67.6	22.4	7.9	2.1	266	+/- 6
	\$50K-\$74K	60.6	23.7	8.3	7.4	235	+/- 6
	\$75K-\$149K	60.5	27.3	7.8	4.4	414	+/- 5
	Greater than \$150K	49.8	34.2	9.8	6.3	194	+/- 7
GENDER	Female	62.3	24.4	7.3	6.0	896	+/- 3
	Male	59.1	24.7	12.0	4.2	469	+/- 5
RACE/ETHNICITY	NH White	61.3	27.1	8.1	3.5	776	+/- 4
	NH Black	58.2	19.5	12.0	10.3	128	+/- 9
	Hispanic	65.7	19.2	8.6	6.5	304	+/- 6
CA RESIDENTS	CA Resident	53.8	29.4	10.4	6.3	457	+/- 5

se007: How concerned or unconcerned are you about each of the following now, in summer 2021:

child relationships with peers

		1 Not at all concerned	2 A little concerned	3 Concerned	4 Very concerned	Obs	MOSE
OVERALL		59.8	25.2	9.2	5.8	1363	+/- 3
EDUCATION	HS or Less	71.1	16.3	5.6	7.0	291	+/- 6
	Some College	55.5	31.6	10.7	2.2	498	+/- 4
	BA or More	51.9	29.0	11.6	7.5	573	+/- 4
INCOME	Less than \$25K	61.1	22.9	6.6	9.5	256	+/- 6
	\$25K-\$49K	65.9	20.7	9.4	4.0	266	+/- 6
	\$50K-\$74K	65.6	19.7	9.8	4.9	235	+/- 6
	\$75K-\$149K	56.6	28.5	9.6	5.3	413	+/- 5
	Greater than \$150K	44.4	38.9	11.7	5.0	193	+/- 7
GENDER	Female	62.8	23.3	7.5	6.3	895	+/- 3
	Male	54.9	28.3	11.8	4.9	468	+/- 5
RACE/ETHNICITY	NH White	62.8	24.3	8.3	4.6	774	+/- 4

	NH Black	55.0	27.7	7.5	9.7	129	+/- 9
	Hispanic	60.3	24.0	8.9	6.8	303	+/- 6
CA RESIDENTS	CA Resident	52.5	27.0	11.8	8.7	455	+/- 5

se007: How concerned or unconcerned are you about each of the following now, in summer 2021:

child amount learning

		1 Not at all concerned	2 A little concerned	3 Concerned	4 Very concerned	Obs	MOSE
OVERALL		49.2	28.8	12.8	9.1	1361	+/- 3
EDUCATION	HS or Less	57.9	22.4	12.0	7.7	290	+/- 6
	Some College	45.4	32.0	13.0	9.6	495	+/- 4
	BA or More	43.7	32.9	13.5	9.9	575	+/- 4
INCOME	Less than \$25K	52.6	25.9	12.2	9.3	253	+/- 6
	\$25K-\$49K	54.2	24.3	13.9	7.6	265	+/- 6
	\$50K-\$74K	47.7	30.5	11.3	10.4	235	+/- 6
	\$75K-\$149K	50.7	27.5	12.0	9.8	414	+/- 5
	Greater than \$150K	32.2	43.7	16.2	7.9	194	+/- 7
GENDER	Female	51.6	28.2	11.3	8.9	892	+/- 3
	Male	45.4	29.9	15.2	9.4	469	+/- 5
RACE/ETHNICITY	NH White	50.7	29.7	11.5	8.1	776	+/- 4
	NH Black	36.5	32.0	15.1	16.4	127	+/- 9
	Hispanic	52.3	27.0	12.0	8.7	302	+/- 6
CA RESIDENTS	CA Resident	39.0	32.8	15.6	12.6	456	+/- 5

se007: How concerned or unconcerned are you about each of the following now, in summer 2021:

child how engaged

		1 Not at all concerned	2 A little concerned	3 Concerned	4 Very concerned	Obs	MOSE
OVERALL		55.2	23.9	13.1	7.8	1364	+/- 3
EDUCATION	HS or Less	60.3	19.6	12.0	8.0	291	+/- 6
	Some College	49.5	29.1	14.8	6.6	498	+/- 4
	BA or More	54.9	23.8	12.7	8.5	574	+/- 4
INCOME	Less than \$25K	57.3	18.5	13.6	10.6	256	+/- 6
	\$25K-\$49K	55.0	25.3	12.6	7.1	266	+/- 6
	\$50K-\$74K	53.1	24.3	12.9	9.8	235	+/- 6
	\$75K-\$149K	58.3	23.5	11.8	6.4	414	+/- 5
	Greater than \$150K	46.7	32.2	16.6	4.5	193	+/- 7
GENDER	Female	57.6	22.4	11.6	8.4	895	+/- 3
	Male	51.2	26.4	15.5	6.9	469	+/- 5
RACE/ETHNICITY	NH White	55.4	25.7	12.4	6.6	775	+/- 4
	NH Black	47.1	22.3	16.8	13.8	129	+/- 9
	Hispanic	59.1	21.7	11.5	7.7	303	+/- 6

CA RESIDENTS	CA Resident	43.5	34.2	11.8	10.6	456	+/- 5
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**se007: How concerned or unconcerned are you about each of the following now, in summer 2021:
child doing socially**

		1 Not at all concerned	2 A little concerned	3 Concerned	4 Very concerned	Obs	MOSE
OVERALL		59.1	24.6	10.0	6.4	1364	+/- 3
EDUCATION	HS or Less	66.2	18.8	6.7	8.3	290	+/- 6
	Some College	56.0	28.7	10.9	4.3	498	+/- 4
	BA or More	54.5	27.0	12.6	5.9	575	+/- 4
INCOME	Less than \$25K	60.8	22.0	5.7	11.5	255	+/- 6
	\$25K-\$49K	65.0	20.9	9.2	4.9	266	+/- 6
	\$50K-\$74K	60.1	21.7	11.3	6.9	235	+/- 6
	\$75K-\$149K	56.3	27.8	11.0	4.8	414	+/- 5
	Greater than \$150K	49.8	32.8	14.8	2.7	194	+/- 7
GENDER	Female	61.0	22.3	9.4	7.3	895	+/- 3
	Male	55.9	28.2	11.0	4.9	469	+/- 5
RACE/ETHNICITY	NH White	63.1	23.1	8.3	5.6	776	+/- 4
	NH Black	51.7	27.3	12.6	8.4	129	+/- 9
	Hispanic	59.7	22.9	9.5	7.9	302	+/- 6
CA RESIDENTS	CA Resident	50.3	30.0	10.9	8.8	455	+/- 5

**se007: How concerned or unconcerned are you about each of the following now, in summer 2021:
child doing emotionally**

		1 Not at all concerned	2 A little concerned	3 Concerned	4 Very concerned	Obs	MOSE
OVERALL		54.4	26.6	12.5	6.5	1364	+/- 3
EDUCATION	HS or Less	61.1	20.2	11.2	7.5	291	+/- 6
	Some College	52.3	30.9	12.0	4.8	497	+/- 4
	BA or More	49.4	29.6	14.4	6.6	575	+/- 4
INCOME	Less than \$25K	59.5	18.9	12.2	9.3	256	+/- 6
	\$25K-\$49K	58.8	24.4	11.9	4.9	266	+/- 6
	\$50K-\$74K	52.9	26.7	10.5	9.9	235	+/- 6
	\$75K-\$149K	53.6	30.2	12.3	4.0	413	+/- 5
	Greater than \$150K	40.8	36.2	17.7	5.3	194	+/- 7
GENDER	Female	55.1	26.5	11.2	7.2	895	+/- 3
	Male	53.2	26.8	14.6	5.4	469	+/- 5
RACE/ETHNICITY	NH White	54.5	28.6	11.9	5.0	775	+/- 4
	NH Black	54.7	19.6	15.1	10.5	129	+/- 9
	Hispanic	56.8	25.5	10.4	7.4	303	+/- 6
CA RESIDENTS	CA Resident	43.6	32.5	14.5	9.4	456	+/- 5

se007: How concerned or unconcerned are you about each of the following now, in summer 2021:
child progress in math

		1 Not at all concerned	2 A little concerned	3 Concerned	4 Very concerned	Obs	MOSE
OVERALL		59.1	22.5	11.6	6.8	1364	+/- 3
EDUCATION	HS or Less	63.1	19.4	10.4	7.1	290	+/- 6
	Some College	57.7	25.4	12.0	5.0	498	+/- 4
	BA or More	56.5	23.3	12.5	7.7	575	+/- 4
INCOME	Less than \$25K	61.3	16.7	13.0	9.0	256	+/- 6
	\$25K-\$49K	56.3	26.9	11.5	5.3	266	+/- 6
	\$50K-\$74K	62.6	19.7	9.9	7.8	234	+/- 6
	\$75K-\$149K	59.2	22.5	12.7	5.6	414	+/- 5
	Greater than \$150K	55.0	29.6	8.8	6.6	194	+/- 7
GENDER	Female	62.0	22.0	9.0	6.9	895	+/- 3
	Male	54.5	23.3	15.7	6.5	469	+/- 5
RACE/ETHNICITY	NH White	60.5	24.8	9.3	5.3	775	+/- 4
	NH Black	51.8	21.6	13.2	13.4	129	+/- 9
	Hispanic	60.5	19.6	12.9	7.0	303	+/- 6
CA RESIDENTS	CA Resident	50.6	28.0	13.0	8.5	456	+/- 5

se007: How concerned or unconcerned are you about each of the following now, in summer 2021:
child progress in science

		1 Not at all concerned	2 A little concerned	3 Concerned	4 Very concerned	Obs	MOSE
OVERALL		61.9	21.8	9.8	6.4	1365	+/- 3
EDUCATION	HS or Less	66.8	19.3	7.6	6.3	291	+/- 6
	Some College	59.9	25.4	10.1	4.6	498	+/- 4
	BA or More	58.7	21.4	11.9	8.0	575	+/- 4
INCOME	Less than \$25K	62.6	17.1	10.8	9.6	256	+/- 6
	\$25K-\$49K	62.4	23.6	10.0	4.0	266	+/- 6
	\$50K-\$74K	65.1	18.8	9.5	6.7	235	+/- 6
	\$75K-\$149K	61.9	23.4	9.0	5.7	414	+/- 5
	Greater than \$150K	54.6	28.7	10.1	6.6	194	+/- 7
GENDER	Female	66.1	19.7	7.9	6.2	896	+/- 3
	Male	55.1	25.2	12.9	6.8	469	+/- 5
RACE/ETHNICITY	NH White	65.3	22.8	7.7	4.2	776	+/- 4
	NH Black	51.7	22.1	13.2	13.0	129	+/- 9
	Hispanic	61.3	21.4	9.0	8.4	303	+/- 6
CA RESIDENTS	CA Resident	55.4	23.3	13.0	8.3	456	+/- 5

se007: How concerned or unconcerned are you about each of the following now, in summer 2021:
child progress in reading/language arts

		1 Not at all concerned	2 A little concerned	3 Concerned	4 Very concerned	Obs	MOSE
OVERALL		59.9	22.2	10.2	7.7	1365	+/- 3
EDUCATION	HS or Less	64.6	20.3	7.2	7.8	291	+/- 6
	Some College	57.7	22.5	14.1	5.7	498	+/- 4
	BA or More	57.2	24.1	9.8	9.0	575	+/- 4
INCOME	Less than \$25K	59.9	17.9	12.0	10.1	256	+/- 6
	\$25K-\$49K	60.3	24.3	9.5	5.9	266	+/- 6
	\$50K-\$74K	63.5	17.4	9.8	9.4	235	+/- 6
	\$75K-\$149K	61.0	23.6	9.8	5.5	414	+/- 5
	Greater than \$150K	50.8	30.7	9.4	9.1	194	+/- 7
GENDER	Female	62.5	20.7	8.9	7.9	896	+/- 3
	Male	55.8	24.7	12.3	7.2	469	+/- 5
RACE/ETHNICITY	NH White	61.9	23.4	8.3	6.3	776	+/- 4
	NH Black	47.9	25.4	12.0	14.7	129	+/- 9
	Hispanic	62.8	19.8	10.7	6.8	303	+/- 6
CA RESIDENTS	CA Resident	49.9	26.9	15.1	8.1	456	+/- 5