Supplement A: School-related COVID-19 concerns among parents of school-aged children: Survey items, *ENGINE Insights,* January 2021

Item	Response
During the previous (fall) school period, did any of your children in grades K-12...? ***[Select as many as apply]***	01. Attend school in-person full-time 02. Attend school at home (virtual learning) full-time 03. Attend school both in-person and at home (virtual learning)
Thinking about this school year, how concerned are you about the following right now? [Select one answer for each] • The quality of your children's education being negatively impacted by the COVID-19 pandemic • The disruption to your daily routines if virtual (at-home) learning is necessary • Your child attending school and as a result contracting COVID-19	01. Very concerned 02. Somewhat concerned 03. Not very concerned 04. Not at all concerned
How much do you agree or disagree with the following? • *We have enough acces to internet services for my child(ren) to attend school virtually*	01. Strongly agree 02. Somewhat agree 03. Somewhat disagree 04. Strongly disagree

Supplement B: Reported school learning mode and parental concerns about school-related COVID-19 by race/ethnicity – ENGINE Insights, United States, 2021

	Total	White, non-Hispanic*		Black, non-Hispanic		
	N (%)††	N (%)	CI	N (%)	CI	Chi squared p-value
School learning mode						0.003**
In-person only	227 (24.0)	179 (28.1)	24.3, 31.9	17 (22.2)	12.7, 31.6	
Virtual only	411 (46.4)	264 (39.0)	35.0, 43.0	49 (58.7)	47.8, 69.5	
Combined	278 (29.6)	212 (32.9)	29.0, 36.8	17 (19.2)	10.7, 27.6	
School-related concerns§						
Quality of education						0.188
Very/somewhat concerned	748 (85.2)	556 (84.0)	80.9, 87.2	74 (89.6)	83.0, 96.2	
Not very/not at all concerned	132 (14.8)	99 (15.9)	12.8, 19.1	9 (10.4)	3.8, 16.9	
Disruption to daily routines due to virtual learning						0.535
Very/somewhat concerned	652 (70.8)	464 (69.4)	65.5, 73.2	61 (72.8)	62.9, 82.6	
Not very/not at all concerned	264 (29.2)	191 (30.6)	26.8, 34.5	22 (27.2)	17.4, 37.0	
Internet access					0.359	
Not enough for virtual school	116 (12.4)	82 (11.8)	9.2, 14.4	12 (15.5)	7.3, 23.7	
Enough for virtual school	800 (87.6)	573 (88.1)	85.6, 90.7	71 (84.5)	76.3, 92.7	
School-related transmission¶						
Child contracting COVID-19 at school						0.003**
Very/somewhat concerned	758 (82.9)	531 (80.2)	76.8, 83.5	78 (94.0)	88.8, 99.2	
Not very/not at all concerned	158 (17.1)	124 (19.8)	16.5, 23.2	5 (6.0)	0.8, 11.2	

Abbreviations: CI = confidence interval; COVID-19 = coronavirus disease 2019
*Reference group
†Other racial groups, non-Hispanic includes participants who identified as Native American and Alaska Natives, Asians, multiracial, and other.
§Respondents were asked to report concerns related to: 1) Quality of Education: "The quality of your children's education being negatively impacted by the COVID-19 pandemic;" 2) Disruption to daily routines: "The disruption to your daily routines if virtual (at-home) learning is necessary;" 3) Internet Access: "We have enough access to

Hispanic/Latino			Other racial groups, non-Hispanic†		
N (%)	CI	Chi squared p-value	N (%)	CI	Chi squared p-value
		0.0004**			0.104
24 (16.2)	10.1, 22.2		7 (17.1)	5.0, 29.2	
74 (56.9)	48.5, 65.3		24 (56.6)	40.5, 72.7	
39 (26.9)	19.5, 34.3		10 (26.3)	11.7, 40.9	
		0.314			0.560
119 (87.5)	82.0, 93.0		35 (80.1)	66.0, 94.2	
18 (12.5)	7.0, 18.0		6 (19.9)	5.8, 34.1	
		0.254			0.754
101 (74.4)	67.0, 81.8		26 (67.0)	52.1, 81.8	
36 (25.6)	18.2, 33.0		15 (33.0)	18.2, 47.9	
		0.650			0.570
19 (13.2)	7.6, 18.9		3 (8.7)	0.0, 18.0	
118 (86.8)	81.1, 92.4		38 (91.3)	82.0, 100.0	
		0.198			0.889
116 (85.0)	78.9, 91.1		33 (81.1)	68.5, 93.6	
21 (15.0)	8.9, 21.1		8 (18.9)	6.3, 31.5	

internet services for my child(ren) to attend school virtually"

¶Respondents were asked to report concerns related to: Contracting COVID-19 at School: "Your child attending school and as a result contracting COVID-19"

**Denotes a p-value < 0.05 based on pairwise chi squared test.

††Unweighted N; weighted percentages (%), Statistical weighting was used during analysis to match the 2019 edition of the Current Population Survey proportions, so the sample represented the U.S. population by sex, age, region, race/ethnicity, and education.