

**2021 PEW RESEARCH CENTER'S AMERICAN TRENDS PANEL
WAVE 88 APRIL 2021
FINAL TOPLINE (UPDATED JUNE 23, 2022)
APRIL 12-18, 2021
N=4,623**

NOTE: ALL NUMBERS ARE PERCENTAGES UNLESS OTHERWISE NOTED. THE PERCENTAGES LESS THAN 0.5% ARE REPLACED BY AN ASTERISK (*). ROWS/COLUMNS MAY NOT TOTAL 100% DUE TO ROUNDING.

	Sample size	Margin of error at 95% confidence level
U.S. adults	4,623	+/- 2.2 percentage points

DISPLAY TO ALL:

First, we have some questions about your life in general these days.

ASK ALL:

COVINTESS How important, if at all, has the internet been for YOU PERSONALLY during the coronavirus outbreak?

Apr 12-18, <u>2021</u>		Apr 7-12, <u>2020</u>
58	Essential	53
33	Important, but not essential	34
7	Not too important	10
2	Not at all important	3
*	No answer	*

ASK ALL:

E_COVIDMOD Which of the following best describes your current employment situation?

Apr 12-18, <u>2021</u>		Jan 19-24, <u>2021</u>
45	Employed full-time	44
12	Employed part-time	12
23	Retired	18
3	Furloughed or temporarily laid off	3
18	Not employed	22
*	No answer	1

ASK IF CURRENTLY EMPLOYED (E_COVIDMOD=1,2) [N=2,855]:WFHCURR Are you currently working from home...¹

Apr 12-18, <u>2021</u>	
22	All of the time
7	Most of the time
10	Some of the time
11	Rarely
49	Never
*	No answer

ASK ALL:

COVIDCHG As a result of the coronavirus outbreak, has your own personal life...

Apr 12-18, <u>2021</u>		Feb 16-21, <u>2021</u>	Mar 19-24, <u>2020</u>
36	Changed in a major way	41	44
47	Changed, but only a little bit	43	44
16	Stayed about the same as it was before the outbreak	15	12
*	No answer	*	*

ASK ALL:CLOSENESS Compared with before the beginning of the coronavirus outbreak in February 2020, how close do you now generally feel to... **[RANDOMIZE ITEMS] [RANDOMIZE RESPONSE OPTIONS 1 AND 2, WITH OPTION 3 ALWAYS LAST]**

	<u>More close than before</u>	<u>Less close than before</u>	<u>About as close as before</u>	<u>No answer</u>
a. Close family members Apr 12-18, 2021	22	25	53	*
b. Friends you know well Apr 12-18, 2021	14	38	47	*
c. Casual acquaintances Apr 12-18, 2021	6	53	41	*

¹ WFHCURR was also asked in Wave 77, but in that wave was only asked of those who were currently employed full- or part-time, had only one job or considered one of their multiple jobs their primary job, and said that for the most part, the responsibilities of their job could be done from home.

ASK IF INTERNET USER (XTABLET=2) [N=4,475]:

BBHOME1 Do you subscribe to dial-up internet service at home or do you subscribe to a higher-speed broadband service such as DSL, cable, or fiber optic service?

Apr 12-18, 2021		Apr 7-12, 2020
3	Dial-up access	4
91	Higher-speed broadband service	87
5	I do not have home internet service	7
1	No answer	1

BBHOME1 BASED ON ALL RESPONDENTS:

BBHOME1 Do you subscribe to dial-up internet service at home or do you subscribe to a higher-speed broadband service such as DSL, cable, or fiber optic service?²

Apr 12-18, 2021		Apr 7-12, 2020
3	Dial-up access	4
86	Higher-speed broadband service	85
10	I do not have home internet service	10
*	No answer	1

ASK ALL:

SMARTPHONE Do you have a smartphone?

Apr 12-18, 2021		Apr 7-12, 2020	Jun 3-17, 2019
91	Yes, I have a smartphone	90	87
9	No, I do not have a smartphone	10	12
*	No answer	*	*

ASK ALL:

COVIDIGGOV Do you think the federal government has a responsibility to ensure that all Americans have each of the following during the coronavirus outbreak? **[RANDOMIZE ITEMS]**

	Yes, the federal government has <u>this responsibility</u>	No, the federal government does not have this <u>responsibility</u>	<u>No answer</u>
a. High-speed internet connection at home			
Apr 12-18, 2021	37	62	1
Apr 7-12, 2020	37	62	1
b. Cellphone services			
Apr 12-18, 2021	30	70	1
Apr 7-12, 2020	34	65	1

² All non-internet users (XTABLET=1) are coded as "I do not have home internet service" for the purposes of this table.

ASK ALL:

COVIDSCHL1 Do you think K-12 schools have a responsibility to provide students with laptop or tablet computers in order to help them complete their schoolwork at home during the coronavirus outbreak?

Apr 12-18, <u>2021</u>		Apr 7-12, <u>2020</u>
49	Yes, schools have this responsibility to all students	37
37	Yes, schools have this responsibility, but only for students whose families cannot afford it	43
13	No, schools do not have this responsibility	19
1	No answer	1

ASK ALL:

DIGCONF Overall, how confident, if at all, do you feel using computers, smartphones, or other electronic devices to do the things you need to do online?³

Apr 12-18, <u>2021</u>		Oct 29-Nov 10, <u>2019</u>
57	Very confident	58
33	Somewhat confident	31
7	Only a little confident	7
2	Not at all confident	3
1	No answer	*

DISPLAY TO ALL:

Next, we have some questions for you about major technology companies and their role in society.

ASK ALL:

TECHAWARE How much, if at all, have you heard about the debates on the role government should play in regulating major technology companies?

Apr 12-18, <u>2021</u>	
14	A great deal
37	A fair amount
35	Not too much
13	Nothing at all
*	No answer

³ In W57, the question was as follows: "Overall, how confident do you feel using computers, smartphones, or other electronic devices to do the things you need to do online?"

ASK ALL:

TECHIMPACT If the government were to take steps to reduce the size of major technology companies, do you think this would... **[RANDOMIZE RESPONSE OPTIONS 1 AND 2, WITH OPTION 3 ALWAYS LAST]**

Apr 12-18,
2021

37	Mostly be a GOOD thing
29	Mostly be a BAD thing
31	Not make much of a difference
2	No answer

ASK ALL:

TECHINFL How much power and influence do you think major technology companies have in today's economy? **[RANDOMIZE RESPONSE OPTIONS 1 AND 2, WITH OPTION 3 ALWAYS LAST]**

Apr 12-18,
2021

68	Too much power and influence
4	Not enough power and influence
25	About the right amount of power and influence
3	No answer

ASK ALL:

TC5 Thinking about the role of the government in regulating major technology companies, do you think they should be regulated... **[RANDOMIZE RESPONSE OPTIONS 1 AND 2, WITH OPTION 3 ALWAYS LAST]**

Apr 12-18,
2021

56	More than they are now
9	Less than they are now
32	The same as they are now
3	No answer

Jun 16-22,
2020

47
11
39
3

May 29-Jun 11,
2018

51
9
38
1

ASK ALL:

TECHSIZE Which statement comes closer to your view, even if neither is exactly right? **[RANDOMIZE RESPONSE OPTIONS]**

Apr 12-18,
2021

42	As long as major technology companies follow the rules, the government should allow these companies to grow as large as they want, even if this means there is less competition
55	Even if major technology companies follow the rules, the government should NOT allow these companies to grow beyond a certain size, because it hurts competition
3	No answer

DISPLAY TO ALL:

Thinking specifically about social media companies...

ASK ALL:

SMSUEGEN In your opinion, should people be able to sue social media companies for content that other users post on these companies' platforms?

Apr 12-18,
2021

41	Yes, they should be able to sue social media companies
56	No, they should not be able to sue social media companies
3	No answer

ASK ALL:

SUEIMPACT If people could sue social media companies for content that other users post on these companies' platforms, do you think the amount of each of the following things on these platforms would most likely... **[RANDOMIZE ITEMS] [RANDOMIZE RESPONSE OPTIONS 1 AND 2, WITH OPTION 3 ALWAYS LAST; SHOW RESPONSE OPTIONS IN SAME ORDER FOR ITEMS a-c]**

		<u>Increase</u>	<u>Decrease</u>	<u>Stay about the same</u>	<u>No answer</u>
a.	Bullying or harassing posts or content				
	Apr 12-18, 2021	17	53	29	1
b.	Inaccurate or misleading information				
	Apr 12-18, 2021	18	49	32	1
c.	People freely expressing their opinions				
	Apr 12-18, 2021	19	40	40	1

ASK ALL:

SMBANPERM As you may know, some social media companies permanently or temporarily banned former President Donald Trump's accounts following rioting at the U.S. Capitol in Washington D.C. on January 6. Do you think his accounts... **[RANDOMIZE RESPONSE OPTIONS]**

Apr 12-18,
2021

49	SHOULD be banned permanently from social media sites
50	Should NOT be banned permanently from social media sites
1	No answer

DISPLAY TO ALL:

Thinking more about your experiences during the coronavirus outbreak...

ASK ALL:

TECHCHG Compared with before the beginning of the coronavirus outbreak in February 2020, have you used digital technology or the internet in any new or different ways?

Apr 12-18,

2021

40	Yes, have done this
59	No, have not done this
1	No answer

NOTE: A PREVIOUS VERSION OF THIS TOPLINE DID NOT PROVIDE CODED RESPONSES FOR THE FOLLOWING OPEN-END ITEM. THESE RESPONSES HAVE BEEN ADDED BELOW.

ASK IF HAS USED DIGITAL TECHNOLOGY OR THE INTERNET IN ANY NEW OR DIFFERENT WAYS (TECHCHG=1) [N=2,204]:

TECHCHG2 Please explain how you have used digital technology or the internet in new or different ways compared with before the beginning of the coronavirus outbreak. [OPEN-END RESPONSE, CODED ANSWERS SHOWN BELOW]

Apr 12-18,

2021

26	Video calls/conferencing: Generic mentions
16	Obtaining groceries, food or products or using essential services
13	Remote work and employment, aside from explicit mentions of video calls/conferencing
8	Video calls/conferencing: Remote work and employment
8	Video calls/conferencing: Friends and family, holidays and events
7	Entertainment, streaming, video platforms, hobbies
7	Online learning, aside from explicit mentions of video calls/conferencing
5	Video calls/conferencing: Online learning
5	Social media and social interaction
4	As a way to find and search for information
4	Video calls/conferencing: Telehealth
3	Religious services/activities
5	Other
18	No answer

ASK ALL:

TECHHELP Which of the following best describes you, even if neither is exactly right?

When I get a new computer, smartphone, or other electronic device, I usually...
[RANDOMIZE RESPONSE OPTIONS]

Apr 12-18,

2021

26	Need someone else to set it up or show me how to use it
73	Am able to set it up and learn how to use it on my own
1	No answer

ASK ALL:

VIDEOCALL Since the beginning of the coronavirus outbreak in February 2020, how often, if at all, have you talked with others via VIDEO calls?

Apr 12-18,

2021

12	Several times a day
7	About once a day
18	A few times a week
12	About once a week
16	Every few weeks
15	Less often
19	Never
*	No answer

ASK IF HAS USED VIDEO CALLING (VIDEOCALL=1-6) [N=3,947]:

CALLFATIG How often, if at all, do you feel worn out or fatigued from spending time on video calls?

Apr 12-18,

2021

13	Often
27	Sometimes
28	Rarely
31	Never
*	No answer

ASK ALL:

LIMITTECH Since the beginning of the coronavirus outbreak in February 2020, have you at any point tried to cut back on the amount of time you spend on the internet or your smartphone?

Apr 12-18,

2021

33	Yes, have done this
66	No, have not done this
1	No answer

LIMITTECH BASED ON INTERNET USERS (XTABLET=2) [N=4,396]:

LIMITTECH Since the beginning of the coronavirus outbreak in February 2020, have you at any point tried to cut back on the amount of time you spend on the internet or your smartphone?

Apr 12-18,

2021

34	Yes, have done this
66	No, have not done this
1	No answer

ASK IF BROADBAND USER (BBHOME1=2) [N=3,998]:

CONNECT How often, if at all, do you experience problems with the speed, reliability or quality of your high-speed internet connection at home in a way that makes it hard to do the things you need to do online?

Apr 12-18,
2021

12	Often
37	Sometimes
42	Rarely
10	Never
*	No answer

ASK IF BROADBAND USER (BBHOME1=2) [N=3,998]:

UPGRADE Since the beginning of the coronavirus outbreak in February 2020, have you done anything to improve the speed, reliability or quality of your high-speed internet connection at home?

Apr 12-18,
2021

29	Yes, have done this
70	No, have not done this
1	No answer

ASK IF BROADBAND USER (BBHOME1=2) OR HAS A SMARTPHONE (SMARTPHONE=1):

COVPAYTECH How much, if at all, do you worry about being able to pay for each of the following over the next few months? [RANDOMIZE ITEMS]

	<u>A lot</u>	<u>Some</u>	<u>Not too much</u>	<u>Not at all</u>	<u>No answer</u>
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ASK IF BROADBAND USER (BBHOME1=2) [N=4,151]:

a. High-speed internet connection at home

Apr 12-18, 2021	8	18	25	49	*
Apr 7-12, 2020	9	19	28	44	*

ASK IF HAS A SMARTPHONE (SMARTPHONE=1) [N=4,325]:

b. Your cellphone bill

Apr 12-18, 2021	9	15	26	50	*
Apr 7-12, 2020	11	18	27	43	*

ASK ALL:

VAXTRY1 Have you tried to register or sign yourself up to receive a COVID-19 vaccine?

Apr 12-18,
2021

57	Yes, I have done this
42	No, I have not done this
1	No answer

ASK IF TRIED TO REGISTER OR SIGN UP (VAXTRY1=1) [N=2,908]:

VAXTRY2 Have you tried to register or sign yourself up ONLINE to receive a COVID-19 vaccine?

Apr 12-18,

2021

78

Yes, I tried to do so online

21

No, I tried to do so in another way

1

No answer

ASK IF DID NOT TRY TO REGISTER OR SIGN UP AT ALL (VAXTRY1=2) OR TRIED TO DO SO IN ANOTHER WAY (VAXTRY2=2):

VAXNOTTRY Please indicate if any of the following is a reason you have not tried to register or sign yourself up to receive a COVID-19 vaccine. **[RANDOMIZE ITEMS]**⁴

		A major <u>reason</u>	A minor <u>reason</u>	<u>Not a reason</u>	<u>No answer</u>
ASK IF DID NOT TRY TO REGISTER OR SIGN UP AT ALL (VAXTRY1=2) OR TRIED TO DO SO IN ANOTHER WAY (VAXTRY2=2) [N=2,227]:					
a.	I don't have access to a computer, smartphone, or the internet				
	Apr 12-18, 2021	2	5	92	1
ASK IF DID NOT TRY TO REGISTER OR SIGN UP AT ALL (VAXTRY1=2) OR TRIED TO DO SO IN ANOTHER WAY (VAXTRY2=2) [N=2,227]:					
b.	I'm not comfortable using computers, smartphones, or the internet				
	Apr 12-18, 2021	4	7	88	1
ASK IF DID NOT TRY TO REGISTER OR SIGN UP AT ALL (VAXTRY1=2) OR TRIED TO DO SO IN ANOTHER WAY (VAXTRY2=2) [N=2,227]:					
c.	Someone else is going to help me do so or has done so already				
	Apr 12-18, 2021	9	5	85	2
ASK IF DID NOT TRY TO REGISTER OR SIGN UP AT ALL (VAXTRY1=2) OR TRIED TO DO SO IN ANOTHER WAY (VAXTRY2=2) [N=2,227]:					
d.	I need help, but don't have anyone to help me do so				
	Apr 12-18, 2021	4	5	89	1
ASK IF DID NOT TRY TO REGISTER OR SIGN UP AT ALL (VAXTRY1=2) [N=1,689]:					
e.	I'm not yet eligible to get vaccinated for COVID-19				
	Apr 12-18, 2021	8	8	83	1
ASK IF DID NOT TRY TO REGISTER OR SIGN UP AT ALL (VAXTRY1=2) [N=1,689]:					
f.	I'm not planning to get vaccinated for COVID-19				
	Apr 12-18, 2021	51	16	32	1
ASK IF TRIED TO REGISTER OR SIGN UP IN ANOTHER WAY (VAXTRY2=2) [N=538]:					
g.	I was able to sign up in another way				
	Apr 12-18, 2021	77	7	15	1

⁴ This summary table represents the full battery of items for VAXNOTTRY, some of which were asked of both those who did not try to register or sign up at all and those who tried to do so in another way (VAXNOTTRYa-d), and others that were asked only of those who did not try to register or sign up at all (VAXNOTTRYe-f) or of those who tried to sign up in another way (VAXNOTTRYg). The tables on the following pages split these items out by each base individually.

VAXNOTTRY BASED ON DID NOT TRY TO REGISTER OR SIGN UP AT ALL (VAXTRY1=2)**[N=1,689]:**

VAXNOTTRY Please indicate if any of the following is a reason you have not tried to register or sign yourself up to receive a COVID-19 vaccine. **[RANDOMIZE ITEMS]**

	<u>A major reason</u>	<u>A minor reason</u>	<u>Not a reason</u>	<u>No answer</u>
a. I don't have access to a computer, smartphone, or the internet Apr 12-18, 2021	2	4	93	1
b. I'm not comfortable using computers, smartphones, or the internet Apr 12-18, 2021	3	7	89	1
c. Someone else is going to help me do so or has done so already Apr 12-18, 2021	5	6	88	2
d. I need help, but don't have anyone to help me do so Apr 12-18, 2021	4	5	90	1
e. I'm not yet eligible to get vaccinated for COVID-19 Apr 12-18, 2021	8	8	83	1
f. I'm not planning to get vaccinated for COVID-19 Apr 12-18, 2021	51	16	32	1

VAXNOTTRY BASED ON TRIED TO REGISTER OR SIGN UP IN ANOTHER WAY (VAXTRY2=2)
[N=538]:

VAXNOTTRY Please indicate if any of the following is a reason you have not tried to register or sign yourself up to receive a COVID-19 vaccine ONLINE. **[RANDOMIZE ITEMS]**

	<u>A major reason</u>	<u>A minor reason</u>	<u>Not a reason</u>	<u>No answer</u>
a. I don't have access to a computer, smartphone, or the internet Apr 12-18, 2021	5	6	88	1
b. I'm not comfortable using computers, smartphones, or the internet Apr 12-18, 2021	8	9	81	2
c. Someone else is going to help me do so or has done so already Apr 12-18, 2021	23	3	73	1
d. I need help, but don't have anyone to help me do so Apr 12-18, 2021	4	8	87	1

NO ITEMS e-f

g. I was able to sign up in another way Apr 12-18, 2021	77	7	15	1
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ASK IF TRIED TO REGISTER OR SIGN UP ONLINE (VAXTRY2=1) [N=2,349]:

VAXDIFF1 How easy or difficult was it to try to register or sign yourself up ONLINE to receive a COVID-19 vaccine?

Apr 12-18, 2021	
42	Very easy
29	Somewhat easy
18	Somewhat difficult
11	Very difficult
*	No answer

**ASK IF VERY OR SOMEWHAT DIFFICULT TO REGISTER OR SIGN UP ONLINE (VAXDIFF1=3,4)
[N=649]:**

VAXDIFF2 Please indicate if any of the following is a reason why you had difficulty trying to register or sign yourself up ONLINE to receive a COVID-19 vaccine. **[RANDOMIZE ITEMS]**

	<u>A major reason</u>	<u>A minor reason</u>	<u>Not a reason</u>	<u>No answer</u>
a. I had trouble using my computer, smartphone or the internet Apr 12-18, 2021	7	9	83	1
b. I'm not yet eligible to get vaccinated for COVID-19 Apr 12-18, 2021	8	12	78	1
c. I had problems knowing where to look to register or sign up online Apr 12-18, 2021	33	29	36	2
d. I had problems with the website or system crashing Apr 12-18, 2021	29	22	48	1
e. I had problems finding an available appointment Apr 12-18, 2021	78	10	11	1

ASK IF TRIED TO REGISTER OR SIGN UP ONLINE (VAXTRY2=1) [N=2,349]:

VAXNEEDHELP At any point in trying to register or sign yourself up ONLINE to receive a COVID-19 vaccine, did you need help from someone else?

Apr 12-18, <u>2021</u>	
18	Yes, I needed help
82	No, I did not need help
*	No answer

ASK ALL:

VAXTRY3 Have you tried to register or sign SOMEONE ELSE up to receive a COVID-19 vaccine?

Apr 12-18, <u>2021</u>	
25	Yes, I have done this
74	No, I have not done this
1	No answer

ASK IF TRIED TO REGISTER OR SIGN SOMEONE ELSE UP (VAXTRY3=1) [N=1,265]:

VAXTRY4 Have you tried to register or sign SOMEONE ELSE up ONLINE to receive a COVID-19 vaccine?

Apr 12-18,

2021

87

Yes, I tried to do so online

13

No, I tried to do so in another way

*

No answer

DISPLAY IF TRIED TO REGISTER OR SIGN SOMEONE ELSE UP ONLINE (VAXTRY4=1) [N=1,124]:

Thinking about the person you've done this for MOST RECENTLY...

ASK IF TRIED TO REGISTER OR SIGN SOMEONE ELSE UP ONLINE (VAXTRY4=1) [N=1,124]:

VAXDIFF3 How easy or difficult was it to try to register or sign this person up ONLINE to receive a COVID-19 vaccine?

Apr 12-18,

2021

36

Very easy

35

Somewhat easy

18

Somewhat difficult

11

Very difficult

*

No answer

DISPLAY TO ALL:

On a different topic...

ASK ALL:

TECHREPLACE Thinking about the limits on social contact that experts have recommended during the coronavirus outbreak, have the everyday interactions that you would have had in person, and instead had online or by telephone, generally been...

Apr 12-18,

2021

17

Just as good as in-person contact

68

Useful but not a replacement for in-person contact

15

Not of much use

1

No answer

ASK IF INTERNET USER (XTABLET=2) [N=4,475]:

SNSUSE Do you ever use social media sites like Facebook, Twitter, or Instagram?

Apr 12-18,

2021

76

Yes, I use social media sites

24

No, I do not use social media sites

*

No answer

ASK ALL:

TECHVALUE Since the beginning of the coronavirus outbreak in February 2020, how much has each of the following helped you, personally, stay connected with your family and friends?
[RANDOMIZE ITEMS]

	Helped a <u>lot</u>	Helped a <u>little</u>	Hasn't made much <u>difference</u>	No <u>answer</u>
ASK IF USES SOCIAL MEDIA (SNSUSE=1) [N=3,488]:				
a. Social media sites				
Apr 12-18, 2021	27	32	40	*
ASK ALL:				
b. Text messages or group messaging apps				
Apr 12-18, 2021	44	27	29	1
ASK ALL:				
c. Video calls				
Apr 12-18, 2021	30	29	40	1
ASK ALL:				
d. Voice calls				
Apr 12-18, 2021	38	26	35	*
ASK IF INTERNET USER (XTABLET=2) [N=4,475]:				
e. Email				
Apr 12-18, 2021	20	26	53	*

ASK ALL:

KIDSINHH How many children in the following age groups live in your household? Please enter a number between 0 and 9 in each box below. Enter 9 if there are more than 9 children in any of the following age groups. [NUMERIC RESPONSE, PERCENTAGES FOR AGE GROUPS INDICATE THOSE WITH AT LEAST ONE CHILD IN THE GROUP]⁵

Apr 12-18,	
<u>2021</u>	
26	0-12
15	13-17
66	No children under 18 in my household
*	No answer

ASK ALL:

PARENTK12 Are you the parent or guardian of any children who are now enrolled in elementary, middle or high school and who live in your household?

Apr 12-18,		Apr 7-12,
<u>2021</u>		<u>2020</u>
26	Yes	24
74	No	76
*	No answer	*

⁵ Percentages do not add up to 100% due to households with children in both age groups.

ASK IF PARENT/GUARDIAN OF K-12 STUDENT (PARENTK12=1) [N=1,801]:

SCHLCLOSE Were your children's schools closed due to the coronavirus outbreak at any point since the beginning of the outbreak in February 2020?

Apr 12-18,

2021

87	Yes, school was closed at some point
8	No, school was not closed at any point
4	My children were homeschooled before the beginning of the coronavirus outbreak
*	No answer

ASK IF PARENT/GUARDIAN OF K-12 STUDENT (PARENTK12=1) [N=1,801]:

REMOTEEANY Since the beginning of the coronavirus outbreak in February 2020, have your children had any online instruction – whether this was fully online or a mix of online and in-person?

Apr 12-18,

2021

93	Yes, my children have had some online instruction
7	No, my children have not had any online instruction
*	No answer

ASK IF ANY REMOTE INSTRUCTION (REMOTEEANY=1) [N=1,712]:

REMOTEEEXP Overall, would you say online instruction for your children has gone...

Apr 12-18,

2021

18	Very well
45	Somewhat well
23	Not too well
15	Not well at all
*	No answer

ASK IF ANY REMOTE INSTRUCTION (REMOTEEANY=1) [N=1,712]:

TECHLRN How easy or difficult has it been for you to help your children to use technology and the internet for online instruction?

Apr 12-18,

2021

28	Very easy
42	Somewhat easy
22	Somewhat difficult
7	Very difficult
1	No answer

ASK IF PARENT/GUARDIAN OF K-12 STUDENT (PARENTK12=1) [N=1,801]:

HWGAP Since the beginning of the coronavirus outbreak in February 2020, have your children ever... **[RANDOMIZE ITEMS]**

		Yes, my children <u>had to do this</u>	No, my children did not have to <u>do this</u>	<u>No answer</u>
a.	Had to use public Wi-Fi to finish their schoolwork because there was not a reliable internet connection at home			
	Apr 12-18, 2021	16	83	*
b.	Not been able to complete their schoolwork because they did not have access to a computer at home			
	Apr 12-18, 2021	17	82	1
c.	Had to do their schoolwork on a cellphone			
	Apr 12-18, 2021	28	72	1

ASK IF PARENT/GUARDIAN OF K-12 STUDENT (PARENTK12=1) [N=1,801]:

PARVIEW1 Compared with before the beginning of the coronavirus outbreak in February 2020, would you say your children are spending... **[RANDOMIZE RESPONSE OPTIONS 1 AND 2, WITH OPTION 3 ALWAYS LAST]**

Apr 12-18,	
<u>2021</u>	
72	More time in front of screens
7	Less time in front of screens
20	About the same amount of time in front of screens
1	No answer

ASK IF PARENT/GUARDIAN OF K-12 STUDENT (PARENTK12=1) [N=1,801]:

PARVIEW2 Compared with before the beginning of the coronavirus outbreak in February 2020, in general, would you say your rules about the amount of time you allow your children to be in front of screens, ASIDE from time they might spend on schoolwork, have... **[RANDOMIZE RESPONSE OPTIONS 1 AND 2, WITH OPTION 3 ALWAYS LAST]**

Apr 12-18,	
<u>2021</u>	
18	Become more strict
39	Become less strict
43	Stayed about the same
*	No answer

ASK IF PARENT OF CHILD UNDER 12 FROM W63 (XW63PARENT=1) [N=1,786]:

KIDCONFIRM About a year ago, we asked you some questions about your **[FILL WITH XCHILDDDESC: (YOUNGEST child/OLDEST child age 11 or younger) and their use of the internet and technology. At that time, this child was an (AGE) year old (SEX)]**.

We'd now like to ask you some follow up questions about this same child to learn how things might have changed over the past year.

Are you still comfortable answering questions about this child?

Apr 12-18,

2021

92

Yes, I am comfortable

8

No, I am not comfortable

*

No answer

NOTE: A PREVIOUS VERSION OF THIS TOPLINE INCLUDED RESULTS HERE FROM A SERIES OF QUESTIONS FOLLOWING UP WITH PARENTS WHO RESPONDED TO WAVE 63 (FIELD MARCH 2020) AND HAD A CHILD AGE 11 OR YOUNGER AT THAT TIME.

TO PROPERLY REPRESENT THE POPULATION OF PARENTS WITH A CHILD AGE 11 OR YOUNGER AS OF MARCH 2020, THE DATA FROM THIS SERIES OF VARIABLES HAS BEEN REWEIGHTED TO INCORPORATE ADDITIONAL ADJUSTMENTS SPECIFIC TO THAT POPULATION.

THE PRIOR VERSION OF THESE RESULTS HAS BEEN REMOVED FROM THIS VERSION OF THE TOPLINE. PLEASE SEE PAGE 20 OF THIS FILE FOR THE REVISED AND REWEIGHTED TOPLINE CONTAINING THESE VARIABLES, WHICH ALIGNS WITH THE ANALYSIS PRESENTED IN THE PUBLICATION FROM THESE ITEMS.

ASK ALL:

PARTY In politics today, do you consider yourself a:

ASK IF INDEP/SOMETHING ELSE (PARTY=3 or 4) OR MISSING:

PARTYLN As of today do you lean more to...⁶

<u>Republican</u>	<u>Democrat</u>	<u>Independent</u>	<u>Something else</u>	<u>No answer</u>	<u>Lean Rep</u>	<u>Lean Dem</u>
24	31	30	14	1	19	21

⁶ PARTY and PARTYLN asked in a prior survey.

**2021 PEW RESEARCH CENTER'S AMERICAN TRENDS PANEL
WAVE 88 APRIL 2021
FINAL TOPLINE – REWEIGHTED PARENT ITEMS ONLY (UPDATED JUNE 23, 2022)
APRIL 12-18, 2021
N=1,681**

THE QUESTIONS PRESENTED BELOW ARE PART OF A LARGER SURVEY CONDUCTED ON THE AMERICAN TRENDS PANEL.

NOTE: THE FOLLOWING SERIES OF ITEMS WAS DESIGNED SPECIFICALLY TO FOLLOW UP WITH PARENTS WHO RESPONDED TO WAVE 63 (FIELDDED MARCH 2020) AND HAD A CHILD AGE 11 OR YOUNGER AT THAT TIME.

THE RESULTS BELOW REFLECT A REWEIGHTED ANALYSIS CONDUCTED TO INCORPORATE ADDITIONAL ADJUSTMENTS SPECIFIC TO THE POPULATION OF PARENTS WITH A CHILD 11 OR YOUNGER AS OF MARCH 2020. THEY ALIGN WITH THE ANALYSIS PRESENTED IN THE PUBLICATION FROM THESE ITEMS.

ALL NUMBERS ARE PERCENTAGES UNLESS OTHERWISE NOTED. THE PERCENTAGES LESS THAN 0.5% ARE REPLACED BY AN ASTERISK (*). ROWS/COLUMNS MAY NOT TOTAL 100% DUE TO ROUNDING.

	Sample size	Margin of error at 95% confidence level
U.S. parents of a child who was age 11 or younger in March 2020	1,681	+/- 4.2 percentage points

DISPLAY IF PARENT IS STILL COMFORTABLE ANSWERING QUESTIONS ABOUT THE CHILD WAVE 63 FOCUSED ON (KIDCONFIRM=1) [N=1,681]:⁷

The next set of questions are about this same child. When answering, please think specifically about that child and choose the answers that apply only to them.

⁷ KIDCONFIRM was asked of 1,786 parents who were part of Wave 63 in March 2020 and had a child age 11 or younger in that survey, reminding them of which child the first survey asked specific questions about: "About a year ago, we asked you some questions about your [FILL WITH XCHILDDDESC: (YOUNGEST child/OLDEST child age 11 or younger) and their use of the internet and technology. At that time, this child was an (AGE) year old (boy/girl)]. We'd now like to ask you some follow-up questions about this same child to learn how things might have changed over the past year. Are you still comfortable answering questions about this child?" Parents who said no or did not answer KIDCONFIRM were not shown the questions asking about this child. Because this analysis includes only those panelists who responded to both Wave 63 and Wave 88, some 2020 estimates reported in this analysis differ slightly from those published in prior Pew Research Center publications, which are based on all Wave 63 respondents. Some 2021 estimates also differ slightly from previous versions of this topline due to the reweighting described in the note above.

**ASK IF PARENT IS STILL COMFORTABLE ANSWERING QUESTIONS ABOUT THE CHILD WAVE 63
FOCUSED ON (KIDCONFIRM=1) [N=1,681]:**

CHILDTECH As far as you know, does your child ever use or interact with the following types of devices, even if just to watch videos or listen to music? **[RANDOMIZE ITEMS]**

	Yes, my child uses or interacts with <u>this</u>	No, my child does not use or <u>interact with this</u>	<u>No answer</u>
NO ITEMS a-b			
c. A tablet computer			
Apr 12-18, 2021	81	19	0
Mar 2-15, 2020	68	32	*
d. A game console or portable game device			
Apr 12-18, 2021	51	49	*
Mar 2-15, 2020	45	55	*
NO ITEM e			
f. A smartphone			
Apr 12-18, 2021	71	29	*
Mar 2-15, 2020	63	37	*

DISPLAY IF PARENT IS STILL COMFORTABLE ANSWERING QUESTIONS ABOUT THE CHILD WAVE 63 FOCUSED ON (KIDCONFIRM=1) [N=1,681]:

Still thinking about that same child ...

ASK IF PARENT IS STILL COMFORTABLE ANSWERING QUESTIONS ABOUT THE CHILD WAVE 63 FOCUSED ON (KIDCONFIRM=1) [N=1,681]:

CHILDSOCIAL As far as you know, does this child ever use ... **[RANDOMIZE ITEMS BUT ITEM E SHOULD ALWAYS BE LAST]**

	Yes, my child uses <u>this</u>	No, my child <u>does not use this</u>	<u>No answer</u>
a. Facebook			
Apr 12-18, 2021	7	92	1
Mar 2-15, 2020	3	97	*
b. Instagram			
Apr 12-18, 2021	7	92	1
Mar 2-15, 2020	4	96	*
c. Snapchat			
Apr 12-18, 2021	10	90	1
Mar 2-15, 2020	9	91	*
d. TikTok			
Apr 12-18, 2021	21	79	*
Mar 2-15, 2020	13	87	*
e. Other social media site			
Apr 12-18, 2021	17	82	1
Mar 2-15, 2020	8	91	*

ASK IF PARENT IS STILL COMFORTABLE ANSWERING QUESTIONS ABOUT THE CHILD WAVE 63 FOCUSED ON (KIDCONFIRM=1) AND (CHILD USES A SMARTPHONE (CHILDTECHF=1) OR CHILD USES SOCIAL MEDIA (CHILDSOCIALa-e=1) OR CHILD USES VIDEOGAMES (CHILDTECHd=1)):

CHILDTIME Overall, how much time would you say this child spends ... **[RANDOMIZE ITEMS; RANDOMIZE RESPONSE OPTIONS 1 AND 2, WITH OPTION 3 ALWAYS LAST; SHOW RESPONSES IN SAME ORDER FOR ITEMS A-C]**

	Too much time	Too little time	About the right amount of time	No answer
ASK IF PARENT IS STILL COMFORTABLE (KIDCONFIRM=1) AND CHILD USES SMARTPHONE (CHILDTECHF=1) [N=1,185]:				
a. On a smartphone				
Apr 12-18, 2021	36	9	55	*
Mar 2-15, 2020	26	13	60	1
ASK IF PARENT IS STILL COMFORTABLE (KIDCONFIRM=1) AND CHILD USES SOCIAL MEDIA (CHILDSOCIALa-e=1) [N=556]:				
b. On social media sites				
Apr 12-18, 2021	24	16	56	3
Mar 2-15, 2020	20	21	57	2
ASK IF PARENT IS STILL COMFORTABLE (KIDCONFIRM=1) AND CHILD USES VIDEOGAMES (CHILDTECHd=1) [N=890]:				
c. Playing video games				
Apr 12-18, 2021	44	7	49	0
Mar 2-15, 2020	27	11	61	1

CHILDTIME BASED ON PARENTS WHO WERE STILL COMFORTABLE ANSWERING QUESTIONS ABOUT THE CHILD WAVE 63 FOCUSED ON AND WHOSE CHILD USED EACH TECHNOLOGY IN BOTH WAVE 63 AND WAVE 88:

CHILDTIME Overall, how much time would you say this child spends ... **[RANDOMIZE ITEMS; RANDOMIZE RESPONSE OPTIONS 1 AND 2, WITH OPTION 3 ALWAYS LAST; SHOW RESPONSES IN SAME ORDER FOR ITEMS A-C]**

	Too much time	Too little time	About the right amount of time	No answer
ASK IF PARENT IS STILL COMFORTABLE (KIDCONFIRM=1) AND CHILD USED SMARTPHONE IN BOTH WAVE 63 AND WAVE 88 (CHILDTIMEf=1) [N=924]:				
a. On a smartphone				
Apr 12-18, 2021	42	6	52	*
Mar 2-15, 2020	28	13	58	1

ITEM b NOT SHOWN⁸

ASK IF PARENT IS STILL COMFORTABLE (KIDCONFIRM=1) AND CHILD USED VIDEOGAMES IN BOTH WAVE 63 AND WAVE 88 (CHILDTIMEd=1) [N=633]:

c. Playing video games				
Apr 12-18, 2021	51	5	45	0
Mar 2-15, 2020	31	8	61	*

ASK IF PARENT IS STILL COMFORTABLE (KIDCONFIRM=1) AND CHILD WAS AGE 5-11 IN W63 (XW63CHILD511=1) [N=1,058]:

REMOTEANY2 Since the beginning of the coronavirus outbreak in February 2020, has THIS child had any online instruction – whether this was fully online or a mix of online and in-person?

Apr 12-18, 2021	
92	Yes, this child has had some online instruction
8	No, this child has not had any online instruction
*	No answer

⁸ There were not enough parents of a child age 11 or younger who said their child used social media in both waves to report results for CHILDTIMEb – “on social media sites” – for this base.

**ASK IF PARENT IS STILL COMFORTABLE ANSWERING QUESTIONS ABOUT THE CHILD WAVE 63
FOCUSED ON (KIDCONFIRM=1) AND CHILD WAS AGE 5-11 IN WAVE 63 (XW63CHILD511=1)
[N=1,058]:**

MONITOR Do you ever do any of the following things? **[RANDOMIZE ITEMS]**

	<u>Yes, I do this</u>	<u>No, I do not do this</u>	<u>No answer</u>
a. Check the websites this child visits or the mobile apps they use			
Apr 12-18, 2021	84	16	*
Mar 2-15, 2020	78	22	1
b. Take away this child's smartphone or internet privileges as punishment			
Apr 12-18, 2021	74	26	*
Mar 2-15, 2020	81	18	1
c. Limit the times of day or length of time when this child can use screens			
Apr 12-18, 2021	78	22	*
Mar 2-15, 2020	86	13	*

**ASK IF PARENT IS STILL COMFORTABLE ANSWERING QUESTIONS ABOUT THE CHILD WAVE 63
FOCUSED ON (KIDCONFIRM=1) [N=1,681]:**

ALLOWED In general, are you OK with this child using mobile devices, like a smartphone or tablet
computer, during any of the following times? **[RANDOMIZE ITEMS]**

	<u>Yes, I would allow this</u>	<u>No, I would not allow this</u>	<u>No answer</u>
a. While dining with family at home			
Apr 12-18, 2021	15	85	*
Mar 2-15, 2020	11	89	*
b. While dining out with family at a restaurant			
Apr 12-18, 2021	29	70	*
Mar 2-15, 2020	28	71	*
c. Just before bedtime			
Apr 12-18, 2021	42	58	1
Mar 2-15, 2020	35	65	*
d. While they are a passenger in your car			
Apr 12-18, 2021	81	19	*
Mar 2-15, 2020	80	20	*

ALLOWED BASED ON PARENTS STILL COMFORTABLE ANSWERING QUESTIONS ABOUT THE CHILD WAVE 63 FOCUSED ON (KIDCONFIRM=1) AND CHILD WAS AGE 5-11 IN WAVE 63 (XW63CHILD511=1) [N=1,058]:

ALLOWED In general, are you OK with this child using mobile devices, like a smartphone or tablet computer, during any of the following times? **[RANDOMIZE ITEMS]**

	Yes, I would allow <u>this</u>	No, I would not <u>allow this</u>	<u>No answer</u>
a. While dining with family at home			
Apr 12-18, 2021	13	87	*
Mar 2-15, 2020	13	87	*
b. While dining out with family at a restaurant			
Apr 12-18, 2021	24	75	*
Mar 2-15, 2020	24	76	*
c. Just before bedtime			
Apr 12-18, 2021	48	51	1
Mar 2-15, 2020	41	59	*
d. While they are a passenger in your car			
Apr 12-18, 2021	87	13	*
Mar 2-15, 2020	88	12	*

ASK IF PARENT IS STILL COMFORTABLE ANSWERING QUESTIONS ABOUT THE CHILD WAVE 63 FOCUSED ON (KIDCONFIRM=1) AND CHILD HAS A SMARTPHONE (CHILDTECHf=1) [N=1,185]:

MOBILEHLPCH Do you think that using smartphones has helped or hurt this child's ability to do each of the following? **[RANDOMIZE ITEMS]**

	Helped <u>a lot</u>	Helped <u>a little</u>	Hurt a <u>little</u>	Hurt a <u>lot</u>	Made no <u>difference</u>	<u>No answer</u>
a. Learn effective social skills						
Apr 12-18, 2021	10	18	16	9	46	*
NO ITEMS b-c						
d. Do well in school						
Apr 12-18, 2021	11	22	16	4	47	*
e. Develop healthy friendships						
Apr 12-18, 2021	8	15	15	6	55	*