

# Survey question wording and topline

PEW RESEARCH CENTER'S AMERICAN TRENDS PANEL  
WAVE 100

Nov. 30–Dec. 12, 2021  
Hispanic adults N=3,716  
U.S. adults N=14,497

**ASK ALL:**

FUTGEN Do you think life for future generations of Americans will be...

	Hispanic adults	U.S. adults
Better than life today	25	21
Worse than life today	43	53
About the same as life today	31	25
No answer	1	1

**TREND HISPANIC ADULTS**

	Better than <u>life today</u>	Worse than <u>life today</u>	About the same as <u>life today</u>	<u>No answer</u>
Nov 30-Dec 12, 2021	25	43	31	1
Jun 16-22, 2020	26	44	29	1
Sep 3-15, 2019	16	52	32	<1

**TREND U.S. ADULTS**

	Better than <u>life today</u>	Worse than <u>life today</u>	About the same as <u>life today</u>	<u>No answer</u>
Nov 30-Dec 12, 2021	21	53	25	1
Jun 16-22, 2020	25	48	26	1
Sep 3-15, 2019	21	51	28	<1

**ASK ALL:**

CONF

How much confidence, if any, do you have in each of the following to act in the best interests of the public? **[RANDOMIZE ITEMS]**

		<u>A great deal of confidence</u>	<u>A fair amount of confidence</u>	<u>Not too much confidence</u>	<u>No confidence at all</u>	<u>No answer</u>
a.	Elected officials					
	Hispanic adults	4	28	48	20	1
	U.S. adults	2	22	52	23	<1
b.	Journalists					
	Hispanic adults	7	38	40	14	1
	U.S. adults	6	34	36	24	1
c.	The military					
	Hispanic adults	21	45	25	9	1
	U.S. adults	25	49	18	7	1
d.	Religious leaders					
	Hispanic adults	10	36	35	18	1
	U.S. adults	12	43	30	15	1
e.	Business leaders					
	Hispanic adults	6	32	45	15	1
	U.S. adults	4	36	45	15	1
<b>ASK FORM 1,3 ONLY: [N=7,281]</b>						
f.	Medical scientists					
	Hispanic adults	29	50	15	5	1
	U.S. adults	29	49	17	5	<1
<b>ASK FORM 2,4 ONLY: [N=7,216]</b>						
g.	Scientists					
	Hispanic adults	26	48	19	6	1
	U.S. adults	29	49	17	5	1
<b>NO ITEM H</b>						
i.	Public school principals for grades K-12					
	Hispanic adults	13	51	29	7	1
	U.S. adults	14	51	26	9	1
j.	Police officers					
	Hispanic adults	14	46	30	10	1
	U.S. adults	20	49	22	9	<1

## TREND HISPANIC ADULTS

	<u>A great deal of confidence</u>	<u>A fair amount of confidence</u>	<u>Not too much confidence</u>	<u>No confidence at all</u>	<u>No answer</u>
a. Elected officials					
Nov 30-Dec 12, 2021	4	28	48	20	1
Nov 18-29, 2020	8	37	41	13	1
Apr 20-26, 2020	4	38	44	12	1
Jan 7-21, 2019	6	38	43	12	<1
Nov 27-Dec 10, 2018	7	33	47	12	2
Jan 29-Feb 13, 2018	2	23	51	24	<1
May 10-Jun 6, 2016	5	24	54	16	1
b. Journalists					
Nov 30-Dec 12, 2021	7	38	40	14	1
Nov 18-29, 2020	8	41	35	14	<1
Apr 20-26, 2020	8	45	36	10	1
Nov 27-Dec 10, 2018	15	41	31	11	2
<b>TREND FOR COMPARISON:</b>					
<i>The news media</i>					
Jan 7-21, 2019	9	44	34	12	<1
Nov 27-Dec 10, 2018	10	43	34	12	1
Jan 29-Feb 13, 2018	7	42	32	18	1
May 10-Jun 6, 2016	7	34	40	17	2
c. The military					
Nov 30-Dec 12, 2021	21	45	25	9	1
Nov 18-29, 2020	27	47	20	6	<1
Apr 20-26, 2020	31	48	16	5	1
Jan 7-21, 2019	28	47	19	6	1
Nov 27-Dec 10, 2018	33	41	20	5	1
Jan 29-Feb 13, 2018	28	45	23	4	<1
May 10-Jun 6, 2016	28	45	15	8	4
d. Religious leaders					
Nov 30-Dec 12, 2021	10	36	35	18	1
Nov 18-29, 2020	10	39	35	15	<1
Apr 20-26, 2020	13	38	32	16	1
Jan 7-21, 2019	13	44	30	14	<1
Nov 27-Dec 10, 2018	14	42	29	14	1
Jan 29-Feb 13, 2018	8	37	38	17	0
May 10-Jun 6, 2016	16	31	35	16	2
e. Business leaders					
Nov 30-Dec 12, 2021	6	32	45	15	1
Nov 18-29, 2020	6	37	43	13	1
Apr 20-26, 2020	6	39	43	11	1
Jan 7-21, 2019	8	36	46	10	<1
Nov 27-Dec 10, 2018	7	38	41	13	1
Jan 29-Feb 13, 2018	4	36	46	14	<1
May 10-Jun 6, 2016	4	32	45	16	3

**CONF TREND HISPANIC  
ADULTS CONTINUED ...**

	<u>A great deal of confidence</u>	<u>A fair amount of confidence</u>	<u>Not too much confidence</u>	<u>No confidence at all</u>	<u>No answer</u>
f. Medical scientists <sup>4</sup>					
Nov 30-Dec 12, 2021	29	50	15	5	1
Nov 18-29, 2020	30	49	18	3	<1
Apr 20-26, 2020	45	45	8	2	0
Jan 7-21, 2019	37	49	11	3	1
g. Scientists					
Nov 30-Dec 12, 2021	26	48	19	6	1
Nov 18-29, 2020	35	51	13	2	<1
Apr 20-26, 2020	39	49	10	2	1
Jan 7-21, 2019	28	54	13	4	2
Nov 27-Dec 10, 2018	33	48	15	2	1
Jan 29-Feb 13, 2018	24	56	14	6	0
May 10-Jun 6, 2016	22	53	21	4	1
<b>NO ITEM H</b>					
i. Public school principals for grades K-12					
Nov 30-Dec 12, 2021	13	51	29	7	1
Nov 18-29, 2020	16	55	21	8	<1
Apr 20-26, 2020	25	55	16	3	<1
Jan 7-21, 2019	20	57	18	4	<1
Nov 27-Dec 10, 2018	21	51	22	6	1
<b>TREND FOR COMPARISON:</b>					
<i>Public school principals and superintendents for grades K-12</i>					
Nov 27-Dec 10, 2018	23	53	18	5	1
May 10-Jun 6, 2016	11	48	33	8	1
j. Police officers					
Nov 30-Dec 12, 2021	14	46	30	10	1
Nov 18-29, 2020	18	49	26	7	<1
Apr 20-26, 2020	21	53	21	5	<1
Nov 27-Dec 10, 2018	21	48	21	8	1

<sup>4</sup> For the May 10-June 6, 2016, survey, the sample size is insufficient to report Hispanic adults.

## TREND U.S. ADULTS

	<u>A great deal of confidence</u>	<u>A fair amount of confidence</u>	<u>Not too much confidence</u>	<u>No confidence at all</u>	<u>No answer</u>
a. Elected officials					
Nov 30-Dec 12, 2021	2	22	52	23	<1
Nov 18-29, 2020	4	32	47	15	1
Apr 20-26, 2020	3	33	49	14	1
Jan 7-21, 2019	4	32	50	14	<1
Nov 27-Dec 10, 2018	4	33	48	15	<1
Jan 29-Feb 13, 2018	3	22	52	23	<1
May 10-Jun 6, 2016	3	24	54	19	1
b. Journalists					
Nov 30-Dec 12, 2021	6	34	36	24	1
Nov 18-29, 2020	9	37	31	23	<1
Apr 20-26, 2020	9	39	33	19	<1
Nov 27-Dec 10, 2018	15	41	28	16	<1
<b>TREND FOR COMPARISON:</b>					
<i>The news media</i>					
Jan 7-21, 2019	9	38	34	19	<1
Nov 27-Dec 10, 2018	10	38	33	19	<1
Jan 29-Feb 13, 2018	8	32	35	25	<1
May 10-Jun 6, 2016	5	33	40	21	1
c. The military					
Nov 30-Dec 12, 2021	25	49	18	7	1
Nov 18-29, 2020	39	44	13	4	<1
Apr 20-26, 2020	38	45	13	4	<1
Jan 7-21, 2019	36	46	14	4	<1
Nov 27-Dec 10, 2018	41	41	12	4	1
Jan 29-Feb 13, 2018	39	41	15	4	<1
May 10-Jun 6, 2016	33	46	15	5	1
d. Religious leaders					
Nov 30-Dec 12, 2021	12	43	30	15	1
Nov 18-29, 2020	15	45	29	12	<1
Apr 20-26, 2020	17	46	26	11	1
Jan 7-21, 2019	13	44	30	12	<1
Nov 27-Dec 10, 2018	15	47	27	11	1
Jan 29-Feb 13, 2018	9	40	34	16	1
May 10-Jun 6, 2016	13	39	32	14	1
e. Business leaders					
Nov 30-Dec 12, 2021	4	36	45	15	1
Nov 18-29, 2020	5	41	41	12	<1
Apr 20-26, 2020	5	43	41	11	1
Jan 7-21, 2019	6	40	43	11	<1
Nov 27-Dec 10, 2018	4	39	43	14	<1
Jan 29-Feb 13, 2018	5	40	42	13	<1
May 10-Jun 6, 2016	4	37	44	14	1

**CONF TREND U.S. ADULTS  
CONTINUED ...**

		<u>A great deal of confidence</u>	<u>A fair amount of confidence</u>	<u>Not too much confidence</u>	<u>No confidence at all</u>	<u>No answer</u>
f.	Medical scientists					
	Nov 30-Dec 12, 2021	29	49	17	5	<1
	Nov 18-29, 2020	40	45	12	2	<1
	Apr 20-26, 2020	43	46	9	2	<1
	Jan 7-21, 2019	35	52	11	2	<1
	May 10-Jun 6, 2016	24	60	12	3	1
g.	Scientists					
	Nov 30-Dec 12, 2021	29	49	17	5	1
	Nov 18-29, 2020	39	45	13	3	<1
	Apr 20-26, 2020	39	48	10	2	1
	Jan 7-21, 2019	35	51	11	2	<1
	Nov 27-Dec 10, 2018	33	49	14	3	<1
	Jan 29-Feb 13, 2018	27	52	17	5	<1
	May 10-Jun 6, 2016	21	55	18	4	1
<b>NO ITEM H</b>						
i.	Public school principals for grades K-12					
	Nov 30-Dec 12, 2021	14	51	26	9	1
	Nov 18-29, 2020	21	54	19	6	<1
	Apr 20-26, 2020	28	55	14	3	<1
	Jan 7-21, 2019	21	56	18	4	1
	Nov 27-Dec 10, 2018	25	55	16	4	<1
	<b>TREND FOR COMPARISON:</b> <i>Public school principals and superintendents for grades K-12</i>					
	Nov 27-Dec 10, 2018	22	55	17	5	1
	May 10-Jun 6, 2016	13	53	27	7	1
j.	Police officers					
	Nov 30-Dec 12, 2021	20	49	22	9	<1
	Nov 18-29, 2020	26	48	19	7	<1
	Apr 20-26, 2020	24	54	17	4	<1
	Nov 27-Dec 10, 2018	30	48	16	5	<1

**ASK ALL:**

Next we have a few questions about your experiences with health and medical care.

BIO15B Have you seen a doctor or other health care provider in the past 12 months – whether for routine care or for an illness or medical condition?

	Hispanic <u>adults</u>	<u>U.S. adults</u>
Yes	70	82
No	29	18
No answer	1	<1

**TREND FOR COMPARISON HISPANIC ADULTS**

BIO15 Have you seen a health care provider FOR AN ILLNESS OR MEDICAL CONDITION in the past 12 months, or not?

	<u>Yes</u>	<u>No</u>	<u>No answer</u>
Apr 23-May 6, 2018	50	49	1

**TREND FOR COMPARISON U.S. ADULTS<sup>5</sup>**

BIO15 Have you seen a health care provider FOR AN ILLNESS OR MEDICAL CONDITION in the past 12 months, or not?

	<u>Yes</u>	<u>No</u>	<u>No answer</u>
Apr 23-May 6, 2018	64	36	1
May 10-Jun 6, 2016	63	36	2

**ASK ALL:**

BIO14 Do you currently have one person you think of as your primary care doctor or health care provider that you usually go to when you are sick or need health care?

	Hispanic <u>adults</u>	<u>U.S. adults</u>
Yes	68	76
No	31	24
No answer	<1	<1

<sup>5</sup> For the May 10-June 6, 2016, survey, the sample size is insufficient to report Hispanic adults.

**TREND U.S. ADULTS<sup>6</sup>**

	<u>Yes</u>	<u>No</u>	<u>No answer</u>
Nov 30-Dec 12, 2021	76	24	<1
May 10-Jun 6, 2016	76	23	1

**ASK ALL:**

BIO51

Overall, how would you rate the quality of care you received from doctors or other health care providers most recently?

	<u>Hispanic adults</u>	<u>U.S. adults</u>
Excellent	22	27
Very good	35	37
Good	28	24
Fair	12	9
Poor	3	2
No answer	1	1

**ASK ALL:**

BIO52

Overall, how would you describe how much you paid out-of-pocket for the care you received from doctors or other health care providers most recently? Did you pay...

	<u>Hispanic adults</u>	<u>U.S. adults</u>
A lot more than what is fair	14	15
A little more than what is fair	17	18
About what is fair	50	53
A little less than what is fair	5	4
A lot less than what is fair	10	7
No answer	4	2

<sup>6</sup> For the May 10-June 6, 2016, survey, the sample size is insufficient to report Hispanic adults.



**ASK ALL:**

BIO53

Do you think the process for getting medical care at hospitals and medical centers is generally easy or hard to understand?

	<u>Hispanic adults</u>	<u>U.S. adults</u>
Very easy to understand	12	11
Somewhat easy to understand	38	40
Somewhat hard to understand	37	36
Very hard to understand	12	12
No answer	1	1

**ASK ALL:**

BIO54

Thinking about problems people may face when getting health care, have any of the following happened to you when dealing with doctors or other health care providers?  
**[RANDOMIZE ITEMS]**

	<u>Yes, this has happened recently</u>	<u>Yes, this has happened in the past, but not recently</u>	<u>No, this has not happened</u>	<u>No answer</u>
a. The pain you were experiencing was not taken seriously				
Hispanic adults	9	23	67	1
U.S. adults	10	22	67	1
b. You had to speak up to get the proper care				
Hispanic adults	10	23	66	1
U.S. adults	14	27	58	1
c. You were rushed by your health care provider				
Hispanic adults	8	22	68	1
U.S. adults	12	27	61	1
d. Felt you were treated with less respect than other patients				
Hispanic adults	5	17	77	1
U.S. adults	6	15	78	1
e. Felt you received lower-quality care than other patients				
Hispanic adults	6	18	74	1
U.S. adults	6	15	78	1

**BIO54 CONTINUED ...**

	Yes, this has happened <u>recently</u>	Yes, this has happened in the past, but <u>not recently</u>	No, this has not <u>happened</u>	<u>No answer</u>
f. You were looked down on because of your weight or eating habits				
Hispanic adults	5	13	81	1
U.S. adults	6	13	81	1

**ASK IF A WOMAN:**

g. Your women's health concerns or symptoms were not taken seriously				
Hispanic adults	11	20	69	1
U.S. adults	10	23	67	1

**ASK IF BLACK OR HISPANIC (DOV\_RACETHNMOD2=2-4):**

BIO55 Would you prefer to see a doctor or other health care provider for routine care who is  
**[IF DOV\_RACETHNMOD2=2: Black; IF DOV\_RACETHNMOD2=3: Hispanic; IF  
DOV\_RACETHNMOD2=4: of your racial background]?**

	Hispanic <u>adults</u>
Strongly prefer	16
Somewhat prefer	17
Would rather not	7
Makes no difference to me	59
No answer	1

**ASK IF BLACK OR HISPANIC (DOV\_RACETHNMOD2=2-4):**

BIO56 Have you ever seen a doctor or other health care provider for routine care who was **[IF  
DOV\_RACETHNMOD2=2: Black; IF DOV\_RACETHNMOD2=3: Hispanic; IF  
DOV\_RACETHNMOD2=4: of your racial background]?**

	Hispanic <u>adults</u>
Yes	56
No	43
No answer	1

**ASK IF HISPANIC (HISP=1):**

BIO57 Do you prefer to see a doctor or other health care provider for routine care who speaks Spanish?

	Hispanic adults
Strongly prefer	21
Somewhat prefer	14
Would rather not	13
Makes no difference to me	51
No answer	1

**ASK IF HISPANIC (HISP=1):**

BIO58 Do you have a close friend or family member who needs a Spanish-speaking health care provider or translator?

	Hispanic adults
Yes	46
No	53
No answer	<1

**ASK IF BLACK OR HISPANIC (DOV\_RACETHNMOD2=2-4):**

BIO59 Do you think a doctor or health care provider who is [**IF DOV\_RACETHNMOD2=2:** Black; **IF DOV\_RACETHNMOD2=3:** Hispanic; **IF DOV\_RACETHNMOD2=4:** of your racial background] is better, worse or about the same as other health care providers at each of the following? [**RANDOMIZE**]

	Better than other doctors	Worse than other doctors	About the same as other doctors	No answer
a. Taking your symptoms and concerns seriously Hispanic adults	21	4	74	1
b. Treating you with respect Hispanic adults	20	4	74	1
c. Providing you with the best quality medical care Hispanic adults	16	3	78	2
d. Looking out for your best interests Hispanic adults	18	4	76	2

**ASK IF BLACK OR HISPANIC (DOV\_RACETHNMOD2=2-4):**

BIO60 Thinking about the past 20 years, would you say health outcomes for **[IF DOV\_RACETHNMOD2=2: Black people; IF DOV\_RACETHNMOD2=3: Hispanic people; IF DOV\_RACETHNMOD2=4: people of your racial background]** have...

	Hispanic <u>adults</u>
Gotten a lot better	17
Gotten a little better	34
Stayed about the same	34
Gotten a little worse	10
Gotten a lot worse	3
No answer	2

**ASK IF BLACK OR HISPANIC (DOV\_RACETHNMOD2=2-4):**

BIO61 As you may know, a number of measures show that, in general, **[IF DOV\_RACETHNMOD2=2: Black people; IF DOV\_RACETHNMOD2=3: Hispanic people; IF DOV\_RACETHNMOD2=4: people of your racial background]** have worse health outcomes than other adults in this country.

How much of a reason is each of the following for why **[IF DOV\_RACETHNMOD2=2: Black people; IF DOV\_RACETHNMOD2=3: Hispanic people; IF DOV\_RACETHNMOD2=4: people of your racial background]** generally have worse health outcomes than other adults in this country? **[RANDOMIZE]**

	A major <u>reason</u>	A minor <u>reason</u>	<u>Not a reason</u>	<u>No answer</u>
a. They have less access to quality medical care where they live Hispanic adults	48	27	23	1
b. They are more likely to have preexisting health conditions Hispanic adults	40	33	26	2
c. Health care providers are less likely to give them the most advanced medical care Hispanic adults	30	33	35	2
d. Hospitals and medical centers give lower priority to their well-being Hispanic adults	27	33	38	2
e. They live in communities with more environmental problems that cause health issues Hispanic adults	38	34	26	2

**BIO61 CONTINUED ...**

	<u>A major reason</u>	<u>A minor reason</u>	<u>Not a reason</u>	<u>No answer</u>
f. There are more communication problems from language or cultural differences				
Hispanic adults	44	33	21	2
g. They are more likely to work in jobs that put them at risk for health problems				
Hispanic adults	53	27	19	1

**ASK IF HISPANIC (HISP=1):**

BIO62 Do you have a close friend or family member who worries about their legal status in the U.S. when thinking about going to see a health care provider?

	<u>Hispanic adults</u>
Yes	30
No	69
No answer	1

**ASK ALL:**

Medical research scientists conduct research to investigate human diseases, and test methods to prevent and treat them.

**ASK ALL:**

RQ2\_F1A How much, if anything, do you know about what medical research scientists do?

	<u>Hispanic adults</u>	<u>U.S. adults</u>
A lot	11	13
A little	54	64
Nothing at all	34	22
No answer	1	1

**TREND HISPANIC ADULTS**

	<u>A lot</u>	<u>A little</u>	<u>Nothing at all</u>	<u>No answer</u>
Nov 30-Dec 12, 2021	11	54	34	1
Jan 7-21, 2019	14	62	23	<1

## TREND U.S. ADULTS

	<u>A lot</u>	<u>A little</u>	Nothing at <u>all</u>	<u>No answer</u>
Nov 30-Dec 12, 2021	13	64	22	1
Jan 7-21, 2019	16	67	17	<1

## ASK ALL:

RQ4\_F1A Thinking about medical research scientists, how often would you say they...

**[RANDOMIZE ITEMS with A-E]**

	<u>All or most of the time</u>	<u>Some of the time</u>	<u>Only a little of the time</u>	<u>None of the time</u>	<u>No answer</u>
a. Do a good job conducting research					
Hispanic adults	38	40	14	6	3
U.S. adults	38	47	10	3	2
b. Provide fair and accurate information when making statements about their research					
Hispanic adults	28	43	20	7	2
U.S. adults	29	47	18	4	2
c. Admit mistakes and take responsibility for them					
Hispanic adults	14	35	31	18	2
U.S. adults	12	39	31	15	2
d. Are transparent about potential conflicts of interest with industry groups in their research					
Hispanic adults	16	39	28	14	3
U.S. adults	12	42	30	14	3
e. Care about the best interests of the public					
Hispanic adults	29	42	19	8	2
U.S. adults	30	46	17	5	2

**TREND HISPANIC ADULTS**

		All or most of <u>the time</u>	Some of the <u>time</u>	Only a little <u>of the time</u>	None of the <u>time</u>	<u>No answer</u>
a.	Do a good job conducting research					
	Nov 30-Dec 12, 2021	38	40	14	6	3
	Jan 7-21, 2019	41	44	10	4	1
b.	Provide fair and accurate information when making statements about their research					
	Nov 30-Dec 12, 2021	28	43	20	7	2
	Jan 7-21, 2019	27	56	13	3	<1
c.	Admit mistakes and take responsibility for them					
	Nov 30-Dec 12, 2021	14	35	31	18	2
	Jan 7-21, 2019	12	41	36	10	<1
d.	Are transparent about potential conflicts of interest with industry groups in their research					
	Nov 30-Dec 12, 2021	16	39	28	14	3
	Jan 7-21, 2019	16	47	27	9	1
e.	Care about the best interests of the public					
	Nov 30-Dec 12, 2021	29	42	19	8	2
	Jan 7-21, 2019	28	51	17	4	<1

**TREND U.S. ADULTS**

		All or most of <u>the time</u>	Some of the <u>time</u>	Only a little <u>of the time</u>	None of the <u>time</u>	<u>No answer</u>
a.	Do a good job conducting research					
	Nov 30-Dec 12, 2021	38	47	10	3	2
	Jan 7-21, 2019	43	47	8	2	1
b.	Provide fair and accurate information when making statements about their research					
	Nov 30-Dec 12, 2021	29	47	18	4	2
	Jan 7-21, 2019	32	53	12	2	1
c.	Admit mistakes and take responsibility for them					
	Nov 30-Dec 12, 2021	12	39	31	15	2
	Jan 7-21, 2019	13	48	30	9	1
d.	Are transparent about potential conflicts of interest with industry groups in their research					
	Nov 30-Dec 12, 2021	12	42	30	14	3
	Jan 7-21, 2019	15	50	27	7	1
e.	Care about the best interests of the public					
	Nov 30-Dec 12, 2021	30	46	17	5	2
	Jan 7-21, 2019	35	47	14	3	1

**ASK ALL:**

RQ5\_F1A Overall, do you think research misconduct by medical research scientists is...

	Hispanic <u>adults</u>	<u>U.S. adults</u>
A very big problem	20	14
A moderately big problem	37	34
A small problem	31	44
Not a problem at all	9	6
No answer	3	2



**TREND HISPANIC ADULTS**

	A very big <u>problem</u>	A moderately big <u>problem</u>	A small <u>problem</u>	Not a problem at <u>all</u>	<u>No answer</u>
Nov 30-Dec 12, 2021	20	37	31	9	3
Jan 7-21, 2019	19	41	35	4	1

**TREND U.S. ADULTS**

	A very big <u>problem</u>	A moderately big <u>problem</u>	A small <u>problem</u>	Not a problem at <u>all</u>	<u>No answer</u>
Nov 30-Dec 12, 2021	14	34	44	6	2
Jan 7-21, 2019	14	34	46	5	1

**ASK ALL:**

RQ8\_F1A How often, if at all, do you think medical research scientists face serious consequences if they engage in research misconduct?

	Hispanic <u>adults</u>	<u>U.S. adults</u>
All or most of the time	14	11
Some of the time	30	32
Only a little of the time	36	38
None of the time	15	16
No answer	5	3

**TREND HISPANIC ADULTS**

	All or most <u>of the time</u>	Some of <u>the time</u>	Only a little of the <u>time</u>	None of the <u>time</u>	<u>No answer</u>
Nov 30-Dec 12, 2021	14	30	36	15	5
Jan 7-21, 2019	13	39	40	6	2

**TREND U.S. ADULTS**

	All or most <u>of the time</u>	Some of <u>the time</u>	Only a little of the <u>time</u>	None of the <u>time</u>	<u>No answer</u>
Nov 30-Dec 12, 2021	11	32	38	16	3
Jan 7-21, 2019	13	41	38	7	1

**ASK ALL:**

BIO63

Thinking about serious cases of medical misconduct that happened in the past...

How much, if at all, have you heard or read about each of the following? **[RANDOMIZE ITEMS]**

	<u>A lot</u>	<u>A little</u>	<u>Nothing at all</u>	<u>No answer</u>
a. The Tuskegee Study on syphilis conducted by the federal government, in which treatment was withheld from Black men				
Hispanic adults	17	27	54	2
U.S. adults	25	32	42	1
b. The use of Henrietta Lacks' cancer cells by medical researchers without her or her family's knowledge				
Hispanic adults	11	19	67	2
U.S. adults	14	19	66	1
c. Medical doctors who sterilized women in racial and ethnic minority groups without their full understanding, preventing them from having babies				
Hispanic adults	20	38	40	2
U.S. adults	16	43	40	1
d. The testing of high-dose birth control pills on women in Puerto Rico, without an explanation of the study and its risks				
Hispanic adults	11	22	66	2
U.S. adults	6	16	78	1

**ASK ALL:**

BIO64 Thinking about the procedures for reviewing the ethics of medical research studies today, which of these statements comes closer to your view, even if neither is exactly right? **[RANDOMIZE]**

	Hispanic <u>adults</u>	<u>U.S. adults</u>
Procedures in place today prevent serious cases of research misconduct	40	38
Research misconduct is just as likely today as it has been in the past	55	60
No answer	5	3

**ASK ALL:**

On another subject...

**ASK ALL:**

EDSTEM1 How much of a reason is each of the following for why many young people do not pursue college degrees in science, technology, engineering and mathematics? **[RANDOMIZE ITEMS]**

	<u>A major reason</u>	<u>A minor reason</u>	<u>Not a reason</u>	<u>No answer</u>
a. They think these subjects are too hard				
Hispanic adults	50	30	18	1
U.S. adults	52	33	14	1
b. They are just not interested in these subjects				
Hispanic adults	42	38	18	1
U.S. adults	44	42	13	1
c. They think these subjects are not useful for their careers				
Hispanic adults	31	40	28	2
U.S. adults	27	43	28	1
d. They do not have access to quality education to prepare them for these fields				
Hispanic adults	49	31	18	2
U.S. adults	45	36	17	1
e. They do not have a mentor or other adult encouraging them to pursue these degrees				
Hispanic adults	47	37	15	1
U.S. adults	47	40	12	1

**ASK IF BLACK OR HISPANIC (DOV\_RACETHNMOD2=2-4):**

EDSTEM2 Do you think young **[IF DOV\_RACETHNMOD2=2: Black people; IF DOV\_RACETHNMOD2=3: Hispanic people; IF DOV\_RACETHNMOD2=4: people of your racial background]** would be more likely to pursue college degrees in science, technology, engineering and mathematics if... **[RANDOMIZE ITEMS]**

	A lot more <u>likely</u>	A little more <u>likely</u>	Would not make a <u>difference</u>	<u>No answer</u>
a. They had a high school teacher in these areas who was <b>[IF DOV_RACETHNMOD2=2: Black; IF DOV_RACETHNMOD2=3: Hispanic; IF DOV_RACETHNMOD2=4: of your racial background]</b> Hispanic adults	35	34	29	1
b. They saw more examples of high achievers in these areas who were <b>[IF DOV_RACETHNMOD2=2: Black; IF DOV_RACETHNMOD2=3: Hispanic; IF DOV_RACETHNMOD2=4: of your racial background]</b> Hispanic adults	50	31	18	1
c. The typical college or university had at least several <b>[IF DOV_RACETHNMOD2=2: Black students; IF DOV_RACETHNMOD2=3: Hispanic students; IF DOV_RACETHNMOD2=4: students of your racial background]</b> pursuing degrees in these areas Hispanic adults	40	35	23	1

**ASK IF HIGH SCHOOL GRADUATE OR MORE EDUC (XHSPLUS=1):**

EDSTEM3 Thinking back to your most recent schooling in science, technology, engineering or mathematics, whether in high school or college, did you ever have someone who...  
**[RANDOMIZE ITEMS]**

	<u>Yes</u>	<u>No</u>	<u>No answer</u>
a. Encouraged you to keep taking classes in these subjects			
Hispanic adults	47	51	2
U.S. adults	44	55	1
b. Treated you as if you could not understand these subjects			
Hispanic adults	30	68	2
U.S. adults	26	73	1
c. Helped you see ways these subjects could be useful for your job or career			
Hispanic adults	47	51	2
U.S. adults	46	53	1
d. Made you feel like you didn't belong in these classes			
Hispanic adults	25	74	2
U.S. adults	22	77	1
e. Made repeated negative comments or slights about your race or ethnicity			
Hispanic adults	14	84	2
U.S. adults	8	91	1
f. Made you feel excited about your abilities in these subjects			
Hispanic adults	47	50	2
U.S. adults	44	55	1

**ASK IF BLACK OR HISPANIC (DOV\_RACETHNMOD2=2-4):**

EDSTEM4 Thinking back, did you, personally, ever have a high school teacher in science, technology, engineering or mathematics who was **[IF DOV\_RACETHNMOD2=2: Black; IF DOV\_RACETHNMOD2=3: Hispanic; IF DOV\_RACETHNMOD2=4: of your racial background]**?

	<u>Hispanic adults</u>
Yes	47
No	51
No answer	2

**ASK IF FORM=1,3 AND BLACK OR HISPANIC (DOV\_RACETHNMOD2=2-4): [N=3,570]**

EDSTEM5 Just your impression, how welcoming do you think the following professional groups are of [IF DOV\_RACETHNMOD2=2: Black people; IF DOV\_RACETHNMOD2=3: Hispanic people; IF DOV\_RACETHNMOD2=4: people of your racial background] in these jobs?  
**[RANDOMIZE ITEMS; SPLIT OVER TWO SCREENS]**

		Very <u>welcoming</u>	Somewhat <u>welcoming</u>	Not too <u>welcoming</u>	Not at all <u>welcoming</u>	<u>No answer</u>
a.	Scientists Hispanic adults	26	42	23	6	3
b.	Engineers Hispanic adults	30	44	19	4	3
c.	Clergy Hispanic adults	32	43	16	5	4
d.	Medical doctors Hispanic adults	34	44	16	4	2
e.	Professional musicians Hispanic adults	44	41	10	3	2
f.	Officers in the military Hispanic adults	29	37	23	8	3
g.	Lawyers Hispanic adults	27	41	21	7	3
h.	Business executives Hispanic adults	20	42	28	7	2
i.	Professional athletes Hispanic adults	39	42	13	4	3

**ASK IF FORM=2,4 AND BLACK OR HISPANIC (DOV\_RACETHNMOD2=2-4): [N=3,483]**

EDSTEM6 Would you say many [IF DOV\_RACETHNMOD2=2: Black people; IF DOV\_RACETHNMOD2=3: Hispanic people; IF DOV\_RACETHNMOD2=4: people of your racial background] have reached the highest levels of success in the following professional groups? **[RANDOMIZE ITEMS; SPLIT OVER TWO SCREENS]**

	<u>Yes</u>	<u>No</u>	<u>No answer</u>
a. Scientists			
Hispanic adults	35	62	3
b. Engineers			
Hispanic adults	53	44	3
c. Clergy			
Hispanic adults	50	47	3
d. Medical doctors			
Hispanic adults	59	39	2
e. Professional musicians			
Hispanic adults	72	26	2
f. Officers in the military			
Hispanic adults	50	47	3
g. Lawyers			
Hispanic adults	57	40	2
h. Business executives			
Hispanic adults	53	44	3
i. Professional athletes			
Hispanic adults	66	31	3

**ASK ALL:**TOPICINT17 How interested are you in news about each of the following topics? **[RANDOMIZE]**

	<u>Very interested</u>	<u>Somewhat interested</u>	<u>Not too interested</u>	<u>Not at all interested</u>	<u>No answer</u>
a. Government and politics news					
Hispanic adults	23	38	23	15	2
U.S. adults	28	41	19	11	1
b. News about your local community					
Hispanic adults	33	46	13	6	1
U.S. adults	38	46	11	4	1
c. Sports news					
Hispanic adults	15	29	26	28	2
U.S. adults	13	27	26	33	1
d. Business and finance news					
Hispanic adults	18	38	26	16	2
U.S. adults	18	43	26	12	1
e. Science news					
Hispanic adults	24	45	19	11	2
U.S. adults	27	48	17	8	1
f. Entertainment news					
Hispanic adults	15	36	32	17	2
U.S. adults	9	30	36	25	1

**TREND HISPANIC ADULTS**

	<u>Very interested</u>	<u>Somewhat interested</u>	<u>Not too interested</u>	<u>Not at all interested</u>	<u>No answer</u>
a. Government and politics news					
Nov 30-Dec 12, 2021	23	38	23	15	2
May 30-Jun 12, 2017	25	43	21	11	0
b. News about your local community					
Nov 30-Dec 12, 2021	33	46	13	6	1
May 30-Jun 12, 2017	40	44	12	4	<1
c. Sports news					
Nov 30-Dec 12, 2021	15	29	26	28	2
May 30-Jun 12, 2017	17	35	22	26	1
d. Business and finance news					
Nov 30-Dec 12, 2021	18	38	26	16	2
May 30-Jun 12, 2017	13	43	33	11	-
e. Science news					
Nov 30-Dec 12, 2021	24	45	19	11	2
May 30-Jun 12, 2017	26	47	21	6	<1



**TOPICINT17 TREND HISPANIC  
ADULTS CONTINUED ...**

	<u>Very interested</u>	<u>Somewhat interested</u>	<u>Not too interested</u>	<u>Not at all interested</u>	<u>No answer</u>
f. Entertainment news					
Nov 30-Dec 12, 2021	15	36	32	17	2
May 30-Jun 12, 2017	13	43	31	12	1

**TREND U.S. ADULTS**

	<u>Very interested</u>	<u>Somewhat interested</u>	<u>Not too interested</u>	<u>Not at all interested</u>	<u>No answer</u>
a. Government and politics news					
Nov 30-Dec 12, 2021	28	41	19	11	1
May 30-Jun 12, 2017	30	40	19	11	<1
b. News about your local community					
Nov 30-Dec 12, 2021	38	46	11	4	1
May 30-Jun 12, 2017	41	45	10	4	<1
c. Sports news					
Nov 30-Dec 12, 2021	13	27	26	33	1
May 30-Jun 12, 2017	17	30	24	28	<1
d. Business and finance news					
Nov 30-Dec 12, 2021	18	43	26	12	1
May 30-Jun 12, 2017	18	42	27	13	<1
e. Science news					
Nov 30-Dec 12, 2021	27	48	17	8	1
May 30-Jun 12, 2017	25	46	20	8	<1
f. Entertainment news					
Nov 30-Dec 12, 2021	9	30	36	25	1
May 30-Jun 12, 2017	10	37	34	18	<1

**ASK ALL:**

Thinking about information you may see about [FILL: XFORM=1: the coronavirus outbreak and vaccines; XFORM=2:energy and environment issues; XFORM=3:health and medicine issues; XFORM=4:science]...

**ASK ALL:**

SCISEEK Which statement best describes how you see news about [FILL: XFORM=1: the coronavirus outbreak and vaccines; XFORM=2:energy and environment issues; XFORM=3:health and medicine issues; XFORM=4:science]? [RANDOMIZE ORDER OF RESPONSE 1 AND 2]

	I mostly see it because I'm looking for it	I mostly see it because I happen to come across it	No answer
<b>ASK FORM 1 ONLY: [N=3,609]</b>			
The coronavirus outbreak and vaccines			
Hispanic adults	30	69	1
U.S. adults	28	71	1
<b>ASK FORM 2 ONLY: [N=3,636]</b>			
Energy and environment issues			
Hispanic adults	27	72	2
U.S. adults	26	73	1
<b>ASK FORM 3 ONLY: [N=3,672]</b>			
Health and medicine issues			
Hispanic adults	37	61	3
U.S. adults	32	67	1
<b>ASK FORM 4 ONLY: [N=3,580]</b>			
Science			
Hispanic adults	35	64	1
U.S. adults	29	70	1

**TREND FOR COMPARISON HISPANIC ADULTS**

SEEK Which statement best describes how you get science news? [RANDOMIZE]

May 30-  
June 12,  
2017

39	I mostly get science news because I'm looking for it
57	I mostly get science news because I happen to come across it
4	No answer

**TREND FOR COMPARISON U.S. ADULTS**SEEK Which statement best describes how you get science news? **[RANDOMIZE]**May 30-  
June 12,  
2017

30	I mostly get science news because I'm looking for it
68	I mostly get science news because I happen to come across it
2	No answer

**ASK ALL:**

DISCUSS

Thinking about the people you talk with, whether in person, over the phone or online...

How often do you discuss news about **[FILL: XFORM=1: the coronavirus outbreak and vaccines; XFORM=2:energy and environment issues; XFORM=3:health and medicine issues; XFORM=4:science]** with others?

	<u>Nearly every day</u>	<u>A few times a week</u>	<u>A few times a month</u>	<u>Less often</u>	<u>No answer</u>
<b>ASK FORM 1 ONLY: [N=3,609]</b>					
The coronavirus outbreak and vaccines					
Hispanic adults	14	34	25	25	2
U.S. adults	17	36	26	20	1
<b>ASK FORM 2 ONLY: [N=3,636]</b>					
Energy and environment issues					
Hispanic adults	4	17	27	50	2
U.S. adults	4	16	32	47	1
<b>ASK FORM 3 ONLY: [N=3,672]</b>					
Health and medicine issues					
Hispanic adults	5	26	30	38	1
U.S. adults	8	27	33	31	1
<b>ASK FORM 4 ONLY: [N=3,580]</b>					
Science					
Hispanic adults	4	21	22	51	2
U.S. adults	4	19	32	43	1

**TREND HISPANIC ADULTS****ASK ALL:**

DISCUSS Thinking about the people you talk with, whether in person, over the phone or online...

How often do you discuss news about science with others?

	Nearly <u>every day</u>	A few times a <u>week</u>	A few times a <u>month</u>	<u>Less often</u>	No <u>answer</u>
Nov 30-Dec 12, 2021	4	21	22	51	2
May 30-Jun 12, 2017 <sup>7</sup>	5	15	24	55	1

**TREND U.S. ADULTS****ASK ALL:**

DISCUSS Thinking about the people you talk with, whether in person, over the phone or online...

How often do you discuss news about science with others?

	Nearly <u>every day</u>	A few times a <u>week</u>	A few times a <u>month</u>	<u>Less often</u>	No <u>answer</u>
Nov 30-Dec 12, 2021	4	19	32	43	1
May 30-Jun 12, 2017 <sup>8</sup>	3	14	27	55	1

**ASK ALL:**

OUTREACH Have there been any public events, talks, or activities in your local community over the past year, whether in person or online, about [FILL: XFORM=1: the coronavirus outbreak and vaccines; XFORM=2:energy and environment issues; XFORM=3:health and medicine issues; XFORM=4:science]?

	<u>Yes, several</u>	Yes, one or <u>two</u>	<u>No, none</u>	<u>No answer</u>
<b>ASK FORM 1 ONLY: [N=3,609]</b>				
The coronavirus outbreak and vaccines				
Hispanic adults	26	32	39	3
U.S. adults	26	34	38	2
<b>ASK FORM 2 ONLY: [N=3,636]</b>				
Energy and environment issues				
Hispanic adults	7	30	60	3
U.S. adults	11	31	56	3
<b>ASK FORM 3 ONLY: [N=3,672]</b>				
Health and medicine issues				
Hispanic adults	13	30	55	2
U.S. adults	17	34	48	2

<sup>7</sup> For the May 30-Jun 12, 2017, survey, the question wording was "Thinking about the people you talk with, whether in person, over the phone, or online... How often do you discuss science news with others?"

<sup>8</sup> For the May 30-Jun 12, 2017, survey, the question wording was "Thinking about the people you talk with, whether in person, over the phone, or online... How often do you discuss science news with others?"

## OUTREACH CONTINUED ...

	<u>Yes, several</u>	<u>Yes, one or two</u>	<u>No, none</u>	<u>No answer</u>
<b>ASK FORM 4 ONLY: [N=3,580]</b>				
Science				
Hispanic adults	7	25	65	2
U.S. adults	11	26	61	2

**ASK ALL:**

SCIREACT

Have you had any of the following reactions when following information about **[FILL: XFORM=1: the coronavirus outbreak and vaccines; XFORM=2:energy and environment issues; XFORM=3:health and medicine issues; XFORM=4:science]**? **[RANDOMIZE ITEMS]**

**ASK FORM 1 ONLY: [N=3,609]**

The coronavirus outbreak and vaccines

	<u>Yes, I have had this reaction</u>	<u>No, I have not had this reaction</u>	<u>No answer</u>
a. It is difficult to know what to think because there is so much conflicting information			
Hispanic adults	57	42	1
U.S. adults	62	37	1
b. I feel that I should be keeping up with new developments in this area more than I do			
Hispanic adults	44	54	2
U.S. adults	33	66	1
c. I am amazed by scientific developments in this area			
Hispanic adults	50	47	3
U.S. adults	49	50	1
d. It is frustrating that there is so much political disagreement in this area			
Hispanic adults	69	29	2
U.S. adults	83	16	1
e. It is reassuring to see that knowledge in this area is always being updated			
Hispanic adults	58	40	2
U.S. adults	56	44	1

**ASK FORM 2 ONLY: [N=3,636]**

## Energy and environment issues

	Yes, I have had <u>this reaction</u>	No, I have not had <u>this reaction</u>	<u>No answer</u>
a. It is difficult to know what to think because there is so much conflicting information			
Hispanic adults	49	48	3
U.S. adults	52	46	2
b. I feel that I should be keeping up with new developments in this area more than I do			
Hispanic adults	46	51	3
U.S. adults	49	50	2
c. I am amazed by scientific developments in this area			
Hispanic adults	40	57	3
U.S. adults	42	56	2
d. It is frustrating that there is so much political disagreement in this area			
Hispanic adults	57	40	2
U.S. adults	74	25	1
e. It is reassuring to see that knowledge in this area is always being updated			
Hispanic adults	46	51	3
U.S. adults	46	52	2

**ASK FORM 3 ONLY: [N=3,672]**

## Health and medicine issues

	Yes, I have had <u>this reaction</u>	No, I have not had <u>this reaction</u>	<u>No answer</u>
a. It is difficult to know what to think because there is so much conflicting information			
Hispanic adults	54	45	1
U.S. adults	62	37	1
b. I feel that I should be keeping up with new developments in this area more than I do			
Hispanic adults	46	52	2
U.S. adults	46	53	1
c. I am amazed by scientific developments in this area			
Hispanic adults	49	49	2
U.S. adults	52	46	1

**SCIREACT FORM 3 HEALTH AND  
MEDICINE ISSUES CONTINUED ...**

	<u>Yes, I have had this reaction</u>	<u>No, I have not had this reaction</u>	<u>No answer</u>
d. It is frustrating that there is so much political disagreement in this area			
Hispanic adults	63	35	2
U.S. adults	76	22	1
e. It is reassuring to see that knowledge in this area is always being updated			
Hispanic adults	53	45	2
U.S. adults	58	40	2

**ASK FORM 4 ONLY: [N=3,580]**

## Science

	<u>Yes, I have had this reaction</u>	<u>No, I have not had this reaction</u>	<u>No answer</u>
a. It is difficult to know what to think because there is so much conflicting information			
Hispanic adults	53	43	4
U.S. adults	57	41	2
b. I feel that I should be keeping up with new developments in this area more than I do			
Hispanic adults	49	48	3
U.S. adults	50	48	2
c. I am amazed by scientific developments in this area			
Hispanic adults	50	46	4
U.S. adults	58	40	2
d. It is frustrating that there is so much political disagreement in this area			
Hispanic adults	63	34	3
U.S. adults	76	22	2
e. It is reassuring to see that knowledge in this area is always being updated			
Hispanic adults	53	44	3
U.S. adults	58	40	2

**ASK ALL:**

SCIRELY

How much do you think you can rely on information that you see or hear about **[FILL: XFORM=1: the coronavirus outbreak and vaccines; XFORM=2:energy and environment issues; XFORM=3:health and medicine issues; XFORM=4:science]** from the following sources? **[RANDOMIZE ITEMS]**

**ASK FORM 1 ONLY: [N=3,609]**

The coronavirus outbreak and vaccines

	<u>A lot</u>	<u>Some</u>	<u>Not too much</u>	<u>Not at all</u>	<u>Does not apply</u>	<u>No answer</u>
a. Close friends and family						
Hispanic adults	16	41	25	11	5	1
U.S. adults	11	46	29	10	3	1
b. Experts on the coronavirus outbreak and vaccines						
Hispanic adults	38	36	12	9	4	1
U.S. adults	37	34	17	10	2	1
c. Religious leaders						
Hispanic adults	7	31	26	20	16	1
U.S. adults	4	22	30	29	15	1
d. Neighbors or other people in your local community						
Hispanic adults	7	27	37	17	11	1
U.S. adults	3	28	42	19	7	1
e. Journalists						
Hispanic adults	11	40	26	15	7	1
U.S. adults	8	35	25	27	4	1
f. Personalities on social media that you follow						
Hispanic adults	5	22	26	28	18	1
U.S. adults	3	17	28	36	16	1
g. Online groups of people with shared interests that you are part of						
Hispanic adults	8	25	29	19	18	1
U.S. adults	4	22	32	25	17	1
<b>ASK IF BLACK OR HISPANIC (DOV_RACETHNMOD2=2-4):</b>						
h. News media that focuses on <b>[IF DOV_RACETHNMOD2=2: Black audiences; IF DOV_RACETHNMOD2=3: Hispanic audiences; IF DOV_RACETHNMOD2=4: audiences of your racial background]</b>						
Hispanic adults	15	36	22	15	11	1



**ASK FORM 2 ONLY: [N=3,636]**

## Energy and environment issues

	<u>A lot</u>	<u>Some</u>	<u>Not too much</u>	<u>Not at all</u>	<u>Does not apply</u>	<u>No answer</u>
a. Close friends and family						
Hispanic adults	9	40	31	11	8	2
U.S. adults	8	46	29	10	6	1
b. Experts on energy and environment issues						
Hispanic adults	27	36	20	8	7	2
U.S. adults	31	37	18	8	6	1
c. Religious leaders						
Hispanic adults	6	22	32	21	18	2
U.S. adults	3	19	27	31	19	1
d. Neighbors or other people in your local community						
Hispanic adults	6	30	34	17	10	2
U.S. adults	3	32	37	18	8	1
e. Journalists						
Hispanic adults	8	38	34	13	6	1
U.S. adults	8	38	27	22	5	1
f. Personalities on social media that you follow						
Hispanic adults	3	23	32	24	16	2
U.S. adults	3	19	30	30	18	1
g. Online groups of people with shared interests that you are part of						
Hispanic adults	6	30	28	17	18	2
U.S. adults	4	32	28	17	18	1

**ASK IF BLACK OR HISPANIC (DOV\_RACETHNMOD2=2-4):**

h. News media that focuses on						
<b>[IF DOV_RACETHNMOD2=2:</b>						
Black audiences; <b>IF</b>						
<b>DOV_RACETHNMOD2=3:</b>						
Hispanic audiences; <b>IF</b>						
<b>DOV_RACETHNMOD2=4:</b>						
audiences of your racial background]						
Hispanic adults	7	34	30	14	12	2

**ASK FORM 3 ONLY: [N=3,672]**

Health and medicine issues

	<u>A lot</u>	<u>Some</u>	<u>Not too much</u>	<u>Not at all</u>	<u>Does not apply</u>	<u>No answer</u>
a. Close friends and family						
Hispanic adults	9	43	30	11	5	3
U.S. adults	9	52	27	8	3	1
b. Experts on health and medicine issues						
Hispanic adults	31	41	15	6	6	1
U.S. adults	36	41	13	5	3	1
c. Religious leaders						
Hispanic adults	4	26	29	24	14	2
U.S. adults	3	23	30	30	13	1
d. Neighbors or other people in your local community						
Hispanic adults	4	29	36	19	11	1
U.S. adults	2	33	40	17	6	1
e. Journalists						
Hispanic adults	4	40	31	14	9	1
U.S. adults	5	37	28	24	5	1
f. Personalities on social media that you follow						
Hispanic adults	3	18	30	30	18	1
U.S. adults	3	16	29	37	15	1
g. Online groups of people with shared interests that you are part of						
Hispanic adults	5	26	32	18	16	3
U.S. adults	3	27	32	21	15	1
<b>ASK IF BLACK OR HISPANIC (DOV_RACETHNMOD2=2-4):</b>						
h. News media that focuses on						
<b>[IF DOV_RACETHNMOD2=2:</b>						
Black audiences; <b>IF</b>						
<b>DOV_RACETHNMOD2=3:</b>						
Hispanic audiences; <b>IF</b>						
<b>DOV_RACETHNMOD2=4:</b>						
audiences of your racial						
background]						
Hispanic adults	6	39	28	13	12	1

**ASK FORM 4 ONLY: [N=3,580]**

## Science

	<u>A lot</u>	<u>Some</u>	<u>Not too much</u>	<u>Not at all</u>	<u>Does not apply</u>	<u>No answer</u>
a. Close friends and family						
Hispanic adults	13	33	34	11	6	1
U.S. adults	9	46	29	8	6	1
b. Experts on science						
Hispanic adults	32	36	16	8	6	2
U.S. adults	36	38	14	6	5	1
c. Religious leaders						
Hispanic adults	8	23	31	22	13	2
U.S. adults	4	21	30	28	15	2
d. Neighbors or other people in your local community						
Hispanic adults	5	26	40	17	11	2
U.S. adults	2	29	40	17	9	1
e. Journalists						
Hispanic adults	10	38	27	13	9	2
U.S. adults	7	37	26	22	7	2
f. Personalities on social media that you follow						
Hispanic adults	4	25	33	23	12	2
U.S. adults	3	18	31	29	19	1
g. Online groups of people with shared interests that you are part of						
Hispanic adults	7	24	34	17	16	2
U.S. adults	4	31	28	17	19	1
<b>ASK IF BLACK OR HISPANIC (DOV_RACETHNMOD2=2-4):</b>						
h. News media that focuses on						
<b>[IF DOV_RACETHNMOD2=2:</b>						
Black audiences; <b>IF</b>						
<b>DOV_RACETHNMOD2=3:</b>						
Hispanic audiences; <b>IF</b>						
<b>DOV_RACETHNMOD2=4:</b>						
audiences of your racial background]						
Hispanic adults	10	34	31	11	12	2

**ASK IF USE SOCIAL MEDIA (SNSUSE=1):**

SMCONT Have you seen any content on social media in the past few weeks that focused on **[FILL: XFORM=1: the coronavirus outbreak and vaccines; XFORM=2:energy and environment issues; XFORM=3:health and medicine issues; XFORM=4:science]**?

	Yes, I have seen this on <u>social media</u>	No, I have not seen this on <u>social media</u>	<u>No answer</u>
<b>ASK FORM 1 ONLY: [N=2,514]</b>			
The coronavirus outbreak and vaccines			
Hispanic adults	73	26	1
U.S. adults	68	32	1
<b>ASK FORM 2 ONLY: [N=2,570]</b>			
Energy and environment issues			
Hispanic adults	36	63	1
U.S. adults	38	61	1
<b>ASK FORM 3 ONLY: [N=2,579]</b>			
Health and medicine issues			
Hispanic adults	55	42	2
U.S. adults	62	37	1
<b>ASK FORM 4 ONLY: [N=2,554]</b>			
Science			
Hispanic adults	46	52	2
U.S. adults	48	51	1

**ASK IF USE SOCIAL MEDIA (SNSUSE=1):**

SMFOLL On social media, do you follow an account, page, organization or person who focuses on information about **[FILL: XFORM=1: the coronavirus outbreak and vaccines; XFORM=2:energy and environment issues; XFORM=3:health and medicine issues; XFORM=4:science]**?

	Yes, at least <u>one</u>	<u>No, none</u>	<u>No answer</u>
<b>ASK FORM 1 ONLY: [N=2,514]</b>			
The coronavirus outbreak and vaccines			
Hispanic adults	27	71	1
U.S. adults	22	77	1
<b>ASK FORM 2 ONLY: [N=2,570]</b>			
Energy and environment issues			
Hispanic adults	25	71	4
U.S. adults	22	77	1
<b>ASK FORM 3 ONLY: [N=2,579]</b>			
Health and medicine issues			
Hispanic adults	32	66	2
U.S. adults	29	70	1
<b>ASK FORM 4 ONLY: [N=2,554]</b>			
Science			
Hispanic adults	34	65	1
U.S. adults	33	66	1

**TREND HISPANIC ADULTS**

SMFOLL On social media, do you follow an account, page, organization or person who focuses on information about science?

	<u>Yes, at least one</u>	<u>No, none</u>	<u>No answer</u>
Nov 30-Dec 12, 2021	34	65	1
May 30-Jun 12, 2017 <sup>9</sup>	31	69	<1

**TREND U.S. ADULTS**

SMFOLL On social media, do you follow an account, page, organization or person who focuses on information about science?

	<u>Yes, at least one</u>	<u>No, none</u>	<u>No answer</u>
Nov 30-Dec 12, 2021	33	66	1
May 30-Jun 12, 2017 <sup>10</sup>	26	73	<1

**RANDOMIZE (LAN1, LAN2) AND (LAN3, LAN4) IN BLOCKS [RANDOMIZE BLOCKS ONLY—KEEP LAN1 AND LAN2 IN THAT ORDER WITHIN BLOCK AND SAME WITH LAN3 AND LAN4]**

**SHOW LAN1 AND LAN2 ON SAME SCREEN**

**ASK IF HISPANIC (HISP=1)**

LAN1 How well, if at all, would you say you can carry on a conversation in SPANISH, both understanding and speaking?

	Hispanic <u>adults</u>
Very well/pretty well ( <b>NET</b> )	71
Very well	51
Pretty well	20
Just a little	17
Not at all	10
No answer	2

**ASK IF HISPANIC (HISP=1)**

LAN2 How well, if at all, would you say you can read a newspaper or book in SPANISH?

	Hispanic <u>adults</u>
Very well/pretty well ( <b>NET</b> )	67
Very well	49
Pretty well	19
Just a little	17
Not at all	13
No answer	2

**SHOW LAN3 AND LAN4 ON SAME SCREEN**

**ASK IF HISPANIC (HISP=1)**

LAN3 How well, if at all, would you say you can carry on a conversation in ENGLISH, both understanding and speaking?

<sup>9</sup> For the May 30-Jun 12, 2017, survey, the question wording was "On social media, do you follow any organizations, people or pages that are focused on science?"

<sup>10</sup> For the May 30-Jun 12, 2017, survey, the question wording was "On social media, do you follow any organizations, people or pages that are focused on science?"

	Hispanic <u>adults</u>
Very well/pretty well ( <b>NET</b> )	74
Very well	58
Pretty well	15
Just a little	20
Not at all	5
No answer	1

**ASK IF HISPANIC (HISP=1)**

LAN4            How well, if at all, would you say you can read a newspaper or book in ENGLISH?

	Hispanic <u>adults</u>
Very well/pretty well ( <b>NET</b> )	76
Very well	60
Pretty well	16
Just a little	18
Not at all	5
No answer	1

**LANGUAGE DOMINANCE<sup>11</sup>**

	Hispanic <u>adults</u>
English dominant	34
Bilingual	34
Spanish dominant	27
No answer on at least one of LAN1-4	4

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<sup>11</sup> Language dominance is a composite measure based on self-described assessments of speaking and reading abilities. "Spanish-dominant" persons are more proficient in Spanish than in English, i.e., they speak and read Spanish "very well" or "pretty well" but rate their ability to speak and read English lower. "Bilingual" refers to persons who are proficient in both English and Spanish. "English-dominant" persons are more proficient in English than in Spanish.