

Diversity Report: February 2021

Determinants of COVID-19 vaccine acceptance among health care providers and citizens in Nevada



Nevada Department of
Health and Human Services
DIVISION OF PUBLIC AND
BEHAVIORAL HEALTH



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Study has been determined to be exempt by UNR IRB
(IRB#: 1666862-1, 19 October 2020)

Hispanic General Public

58.5% likely to receive COVID-19 vaccine

41.4% UNLIKELY

A total of 809 participants who identify as Hispanic took surveys A & B between Dec 1st 2020 to Jan 31st 2021.

Age groups 18-24 and 55+ ARE MOST LIKELY TO RECEIVE VACCINE

with ~70-75% who put "somewhat" to "very likely" in both groups. Comparatively, only ~50-60% of age groups 25-54 put "somewhat" to "very likely" to receive the vaccine.

Males

20% MORE LIKELY TO RECEIVE VACCINE THAN FEMALES

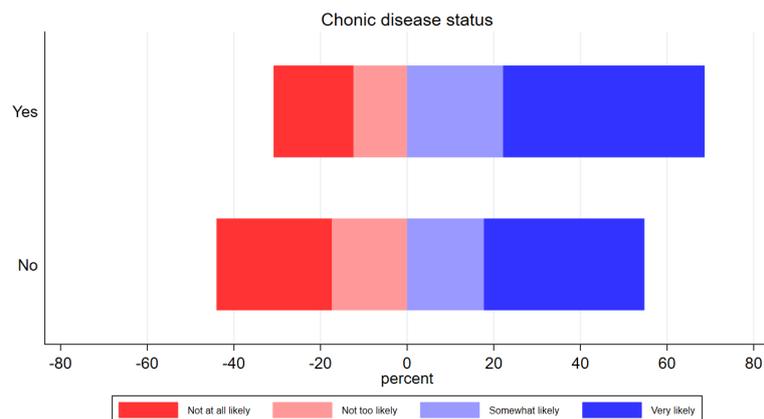
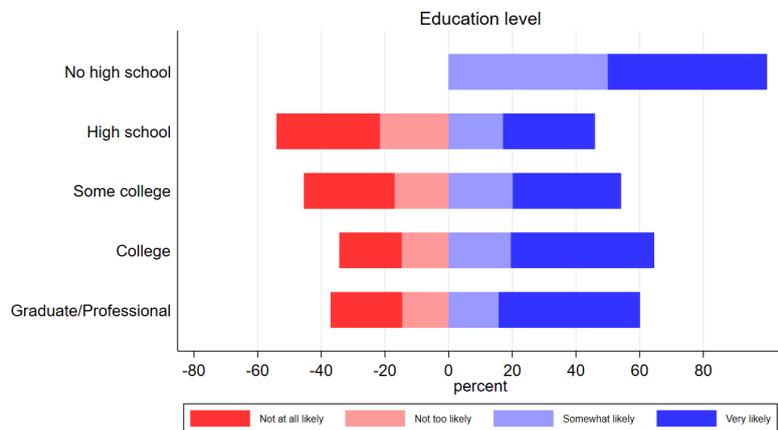
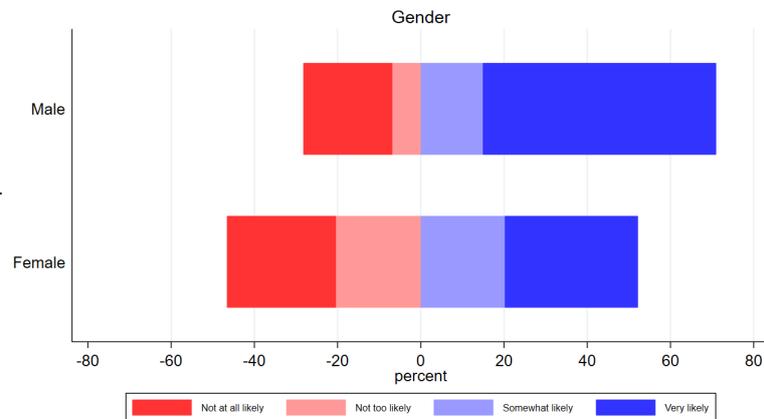
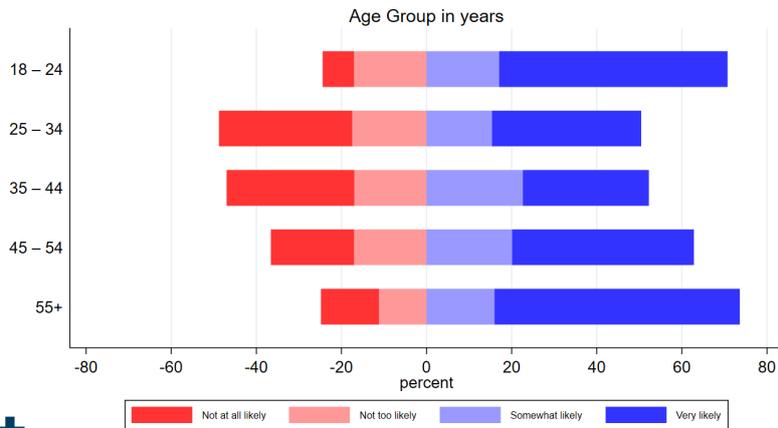
Male n = 246

Female n = 562

College education CORRELATES WITH INCREASED LIKELIHOOD TO RECEIVE THE VACCINE

Chronic disease status CORRELATES WITH LIKELINESS TO RECEIVE THE VACCINE

Those who have a chronic disease are 15% more likely to receive the COVID-19 vaccine than those without.

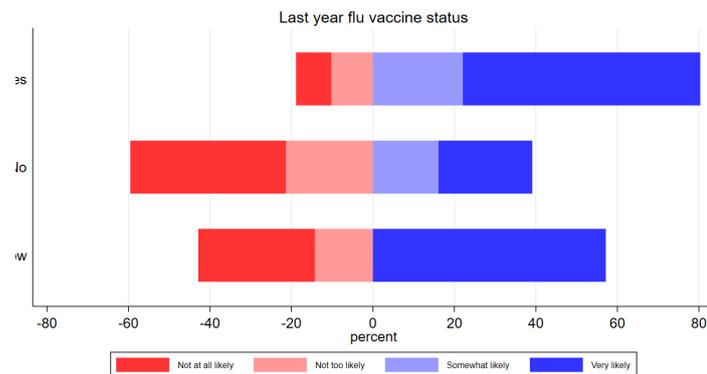
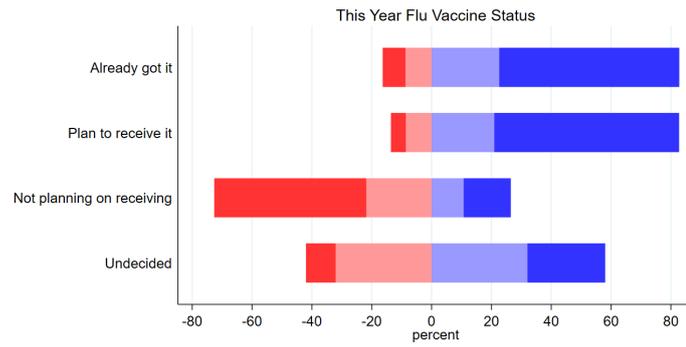


Hispanic General Public

Previous & current influenza vaccine reception

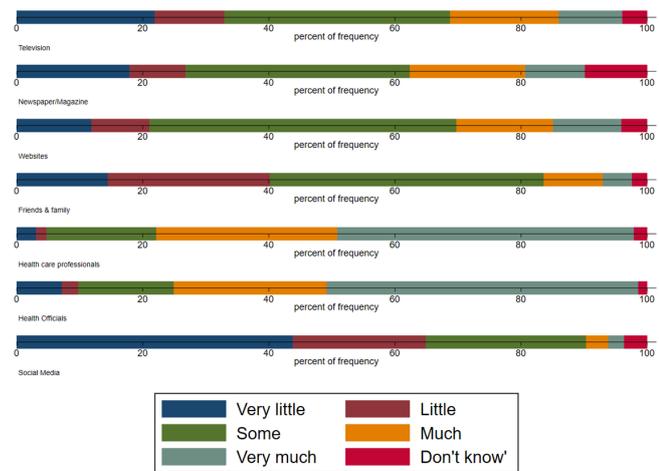
STRONGLY CORRELATED WITH LIKELIHOOD TO RECEIVE COVID VACCINE

Those who are not planning on receiving flu shot this year, and those who have not received it in the past are less likely to receive the COVID-19 vaccine than those who did receive the flu shot this year or last year.



Hispanic-identifying participants trust HEALTH CARE PROFESSIONALS, HEALTH OFFICIALS AND WEBSITES

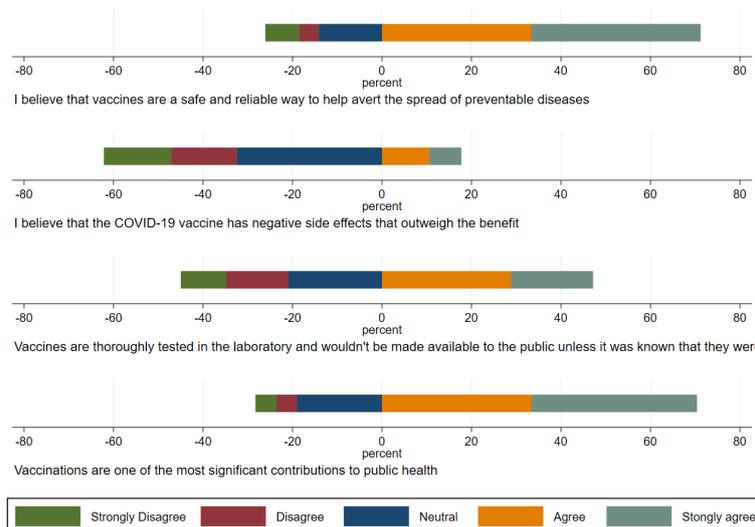
for information about the COVID-19 pandemic



General vaccine attitudes

70% OF PARTICIPANTS BELIEVE VACCINES ARE A SAFE AND RELIABLE WAY TO HELP AVERT THE SPREAD OF PREVENTABLE DISEASES

Which is lower than the 77% general vaccine acceptance of the entire survey population



Hispanic General Public

Qualitative Data

If not receiving the flu vaccine, why not?

"Daughter had a side effect of this vaccine."

"Not a strong believer in vaccine shots"

"Have experienced severe allergic reactions to different medications over the years."

"I get sick every time I took the shot and end up missing work during holidays crucial times."

"I haven't gotten the vaccine in years, rarely do I get sick as I do not go out in public often. And, since the pandemic began, I now never go anywhere without a mask on, reducing my fly exposure as well as COVID."

"The effectiveness of the flu vaccine is minimal."

"I'm a vegetarian and do not want the animal product in my system."

If not receiving the COVID vaccine, why not?

"Unsure of its safety, side effects. Seems like it was rushed without any real testing."

"Same reason as the flu vaccine; do not want to risk any undetermined long term issues that may be associated but not yet known"

"It is a rushed vaccine for a virus that they don't even know how it affect different people. Also virus have to just go away by themselves."

"I feel it is being rushed and more studies should be done, and it is a foolish decision because you are injecting a deadly dead virus in your system that thousands of people have died from and could cause more people to die."

"Fought it off naturally with exercise, rest, a 2 day fast followed by a vegetable soup diet, high temperature for only a day, 5 days of total sickness and then fully relieved. Vaccine is not necessary."

Black or African American General Public

43.6% likely to receive COVID-19 vaccine 56.3% UNLIKELY

A total of 341 participants who identify as Black or African American took surveys A & B between Dec 1st 2020 to Jan 31st 2021.

Age groups 18-24 and 55+ ARE MOST LIKELY TO RECEIVE VACCINE

with ~60-65% who put "somewhat" to "very likely" in both groups. Comparatively, only ~30-40% of age groups 25-54 put "somewhat" to "very likely" to receive the vaccine.

Males

30% MORE LIKELY TO RECEIVE VACCINE THAN FEMALES

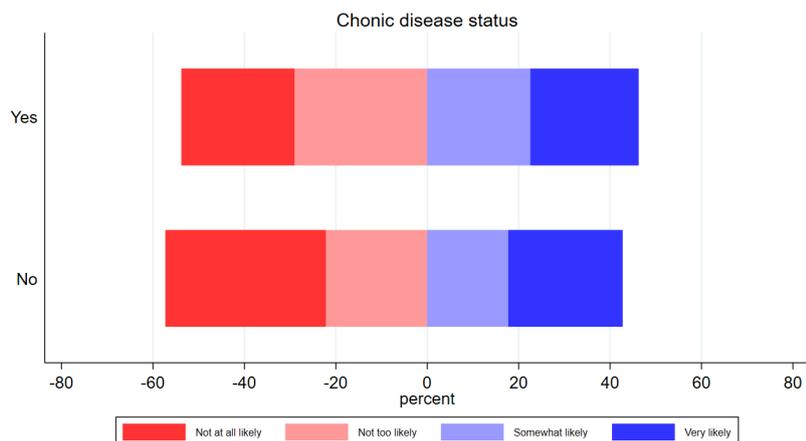
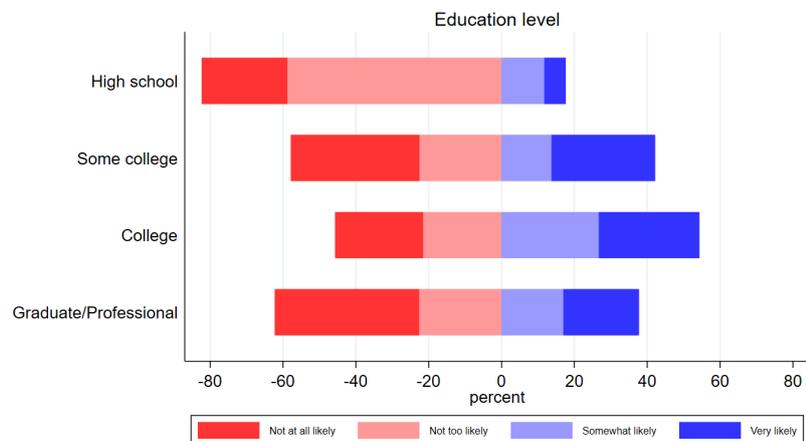
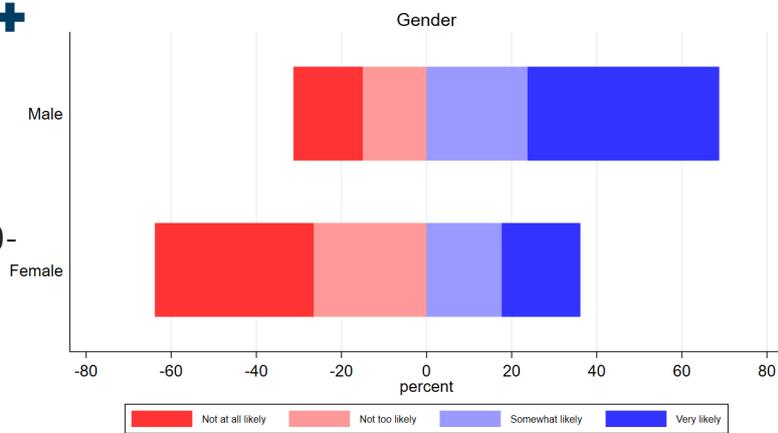
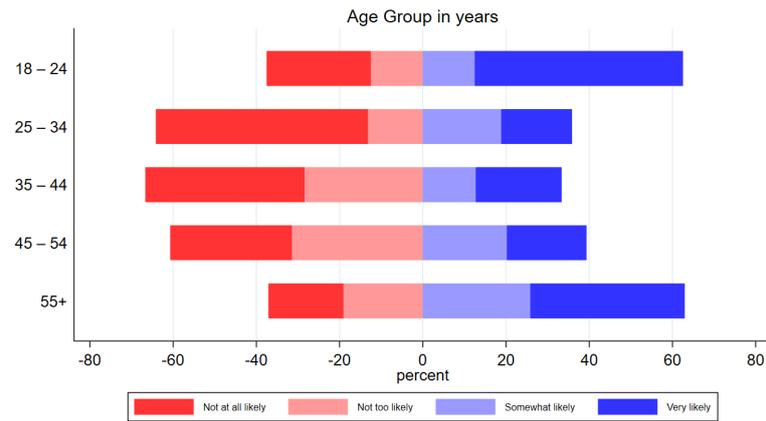
Male n = 80

Female n = 260

College education CORRELATES WITH INCREASED LIKELIHOOD TO RECEIVE THE VACCINE

Chronic disease status NOT STRONGLY CORRELATED WITH LIKELINESS TO RECEIVE THE VACCINE

Those who have a chronic disease are only ~3% more likely to receive the COVID-19 vaccine than those without.

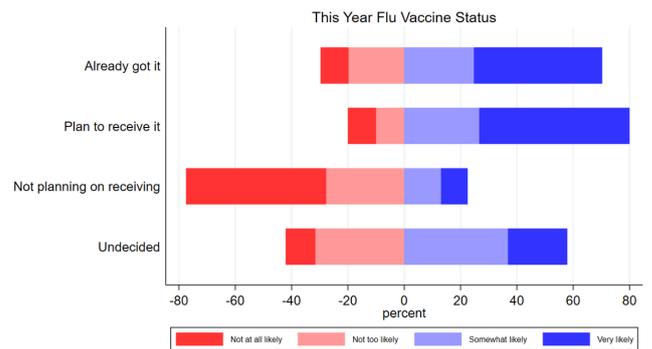
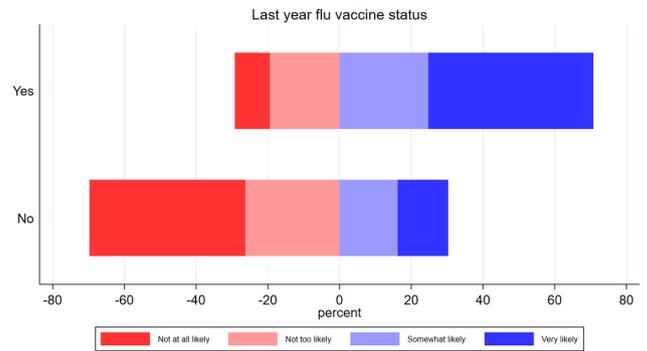


Black or African American General Public

Previous & current influenza vaccine reception

STRONGLY CORRELATED WITH LIKELIHOOD TO RECEIVE COVID VACCINE

Those who are not planning on receiving flu shot this year, and those who have not received it in the past are less likely to receive the COVID-19 vaccine than those who did receive the flu shot this year or last year.

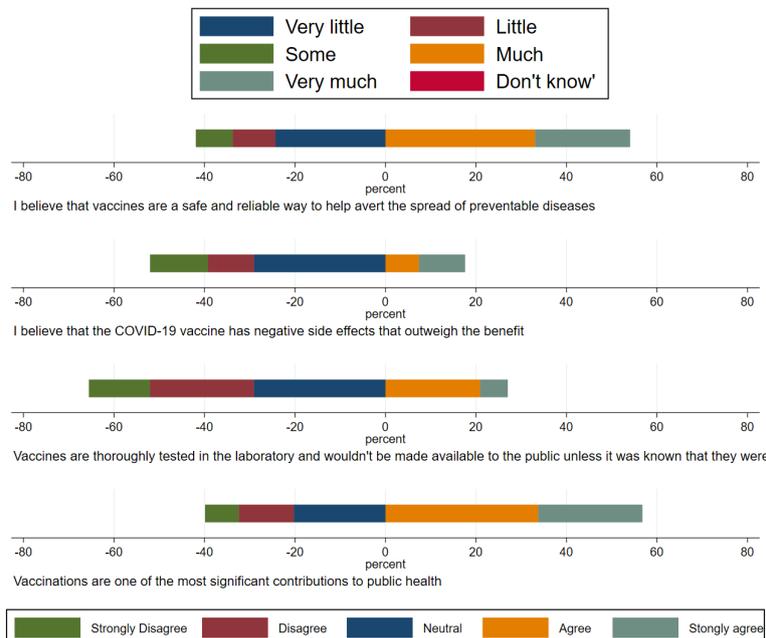
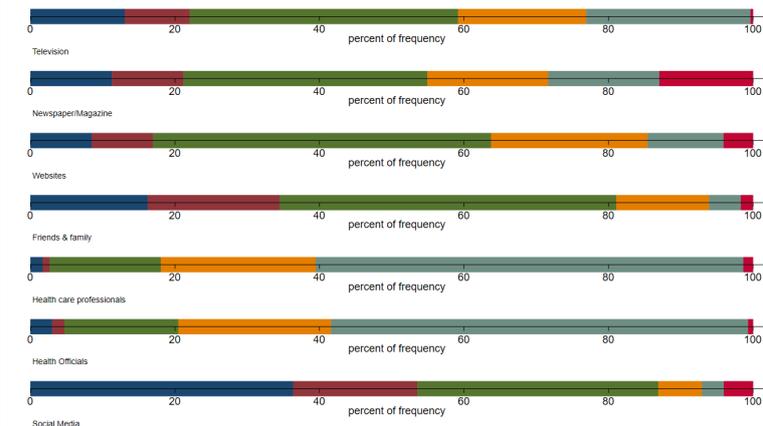


Black & African American-identifying participants trust HEALTH CARE PROFESSIONALS, HEALTH OFFICIALS AND WEBSITES for information about the COVID-19 pandemic

General vaccine attitudes

ONLY 55% OF PARTICIPANTS BELIEVE VACCINES ARE A SAFE AND RELIABLE WAY TO HELP AVERT THE SPREAD OF PREVENTABLE DISEASES

Much lower than 77% general vaccine acceptance of the entire survey population



Black or African American General Public

Qualitative Data

If not receiving the flu vaccine, why not?

"I have never had the flu, and never took the flu shot."

"I've been advised by my doctors not to get the vaccine as it may cause more harm than good in my case. I have several autoimmune disorders"

"I have never taken a flu vaccine. I have always been concerned about side effects."

"Not enough African American were in the vaccine study groups, the side effects on African Americans may be different than white counterparts, not sure if the real vaccine will be administered instead of a placebo vaccine"

"I never take flu vaccine. They don't work. I don't trust the FDA and the CDC."

"Stopped getting 8 yrs ago. Can't tell me what's in it. I get sick or die no recourse."

If not receiving the COVID vaccine, why not?

"I am willing to wait to see the effects on others."

"I figured if I cant get the flu vaccine I wouldn't get the Corona vaccine."

"possible long term side effects and the lack of trials or testing to ensure it's safe for Black people."

"Tuskegee experiment. Not to trusting of the government. Vaccine made too quickly."

"It's pointless when there's new strains of the virus out there AND it's said that even after getting the vaccine you can get COVID-19 again anyway. Then why bother."

"I don't know how my body will react so I don't want to purposely put a disease in it."

"Afraid that I may have an allergic reaction."

"I don't trust it, very wary of it.."

Native American General Public

59.2% likely to receive COVID-19 vaccine 40.7% UNLIKELY

A total of 76 participants who identify as Native American or American Indian took surveys A & B between Dec 1st 2020 to Jan 31st 2021.

Age groups 18-24 and 55+ ARE MOST LIKELY TO RECEIVE VACCINE

with 100% and 65% who put "somewhat" to "very likely" respectively. Comparatively, only ~35-60% of age groups 25-54 put "somewhat" to "very likely" to receive the vaccine.

Males

30% MORE LIKELY TO RECEIVE VACCINE THAN FEMALES

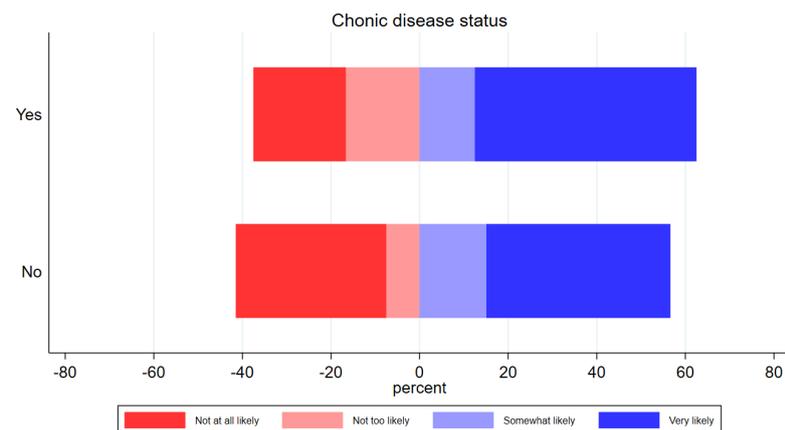
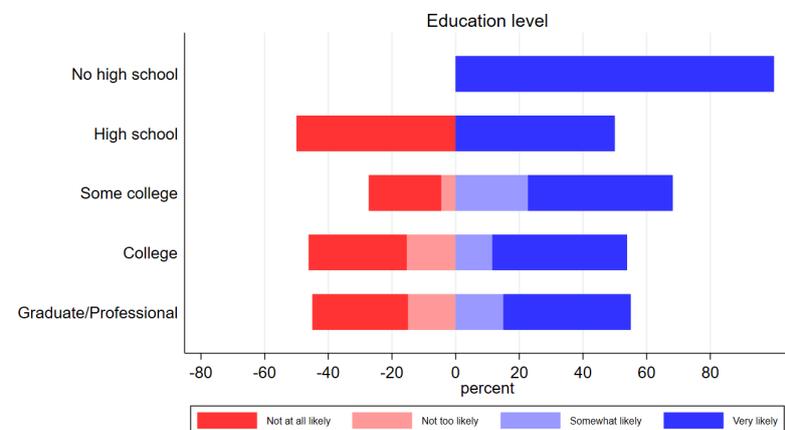
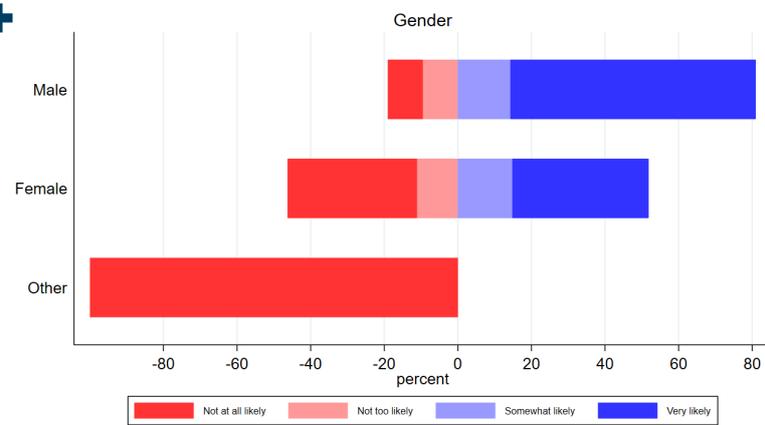
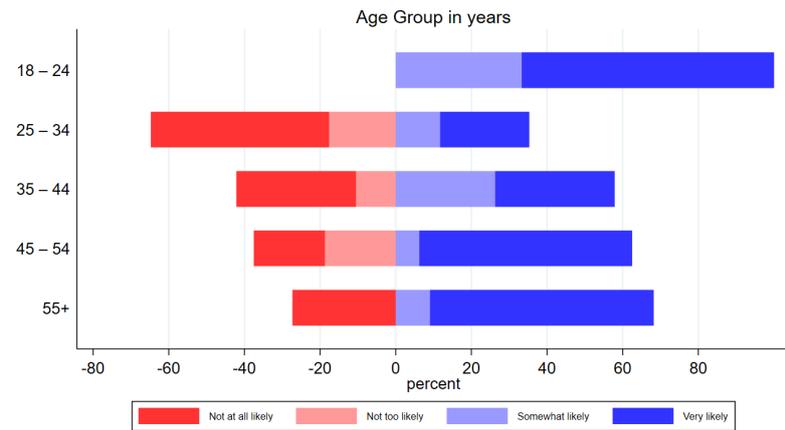
Male n = 21

Female n = 53

Education level HAS NO CORRELATION WITH LIKELIHOOD TO RECEIVE THE VACCINE

Chronic disease status NOT STRONGLY CORRELATED WITH LIKELINESS TO RECEIVE THE VACCINE

Those who have a chronic disease are only ~5% more likely to receive the COVID-19 vaccine than those without.

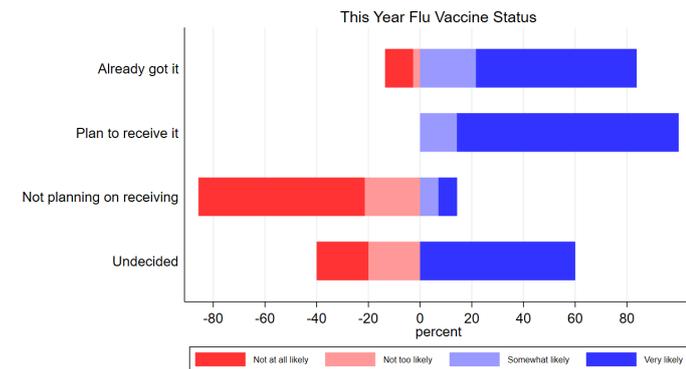
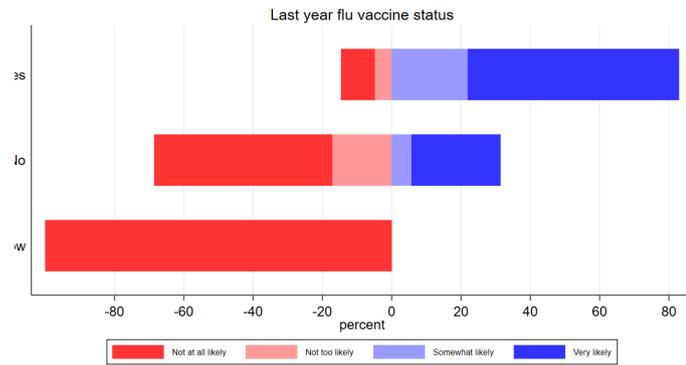


Native American General Public

Previous & current influenza vaccine reception

STRONGLY CORRELATED WITH LIKELIHOOD TO RECEIVE COVID VACCINE

Those who are not planning on receiving flu shot this year, and those who have not received it in the past are less likely to receive the COVID-19 vaccine than those who did receive the flu shot this year or last year.



Native American-identifying participants trust

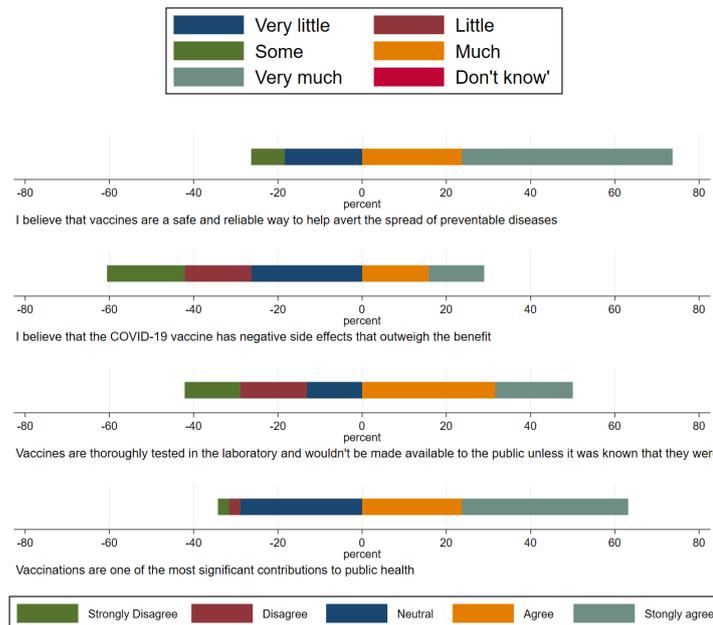
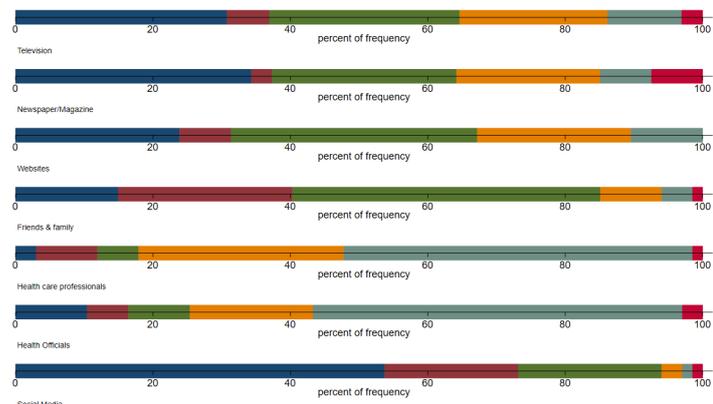
HEALTH CARE PROFESSIONALS, HEALTH OFFICIALS AND FRIENDS & FAMILY

for information about the COVID-19 pandemic

General vaccine attitudes

75% OF PARTICIPANTS BELIEVE VACCINES ARE A SAFE AND RELIABLE WAY TO HELP AVERT THE SPREAD OF PREVENTABLE DISEASES

Which is only slightly lower than 77% general vaccine acceptance of the entire survey population



Native American General Public

Qualitative Data

**If not receiving the flu vaccine,
why not?**

"I did in the past. I just don't."

"The effectiveness of the flu vaccine is minimal."

"I don't care to take a vaccine that's a 1 out of 6 or more shot at even protecting me from the flu bug that happens to be active this year, nor am I interested in vaccines that contain tissue or sera or material of any sort from aborted fetuses."

"Because I have a healthy immune system and the flu vaccine is only for the most popular strain of flu. It is massively ineffective."

**If not receiving the COVID vaccine,
why not?**

"I don't believe it's something I need."

"I tested positive, no symptoms. The relative from whom I contracted the virus died from it after weeks of hospitalization here in Las Vegas. If I have immunities, why would I consider the vaccine."

'Not proven to be safe."

"Because I could care less for a vaccine that would protect me from an illness I'm unlikely to get and unlikely to actually even know I have if I am infected. I see this entire pandemic as nothing but a political distraction in a treasonous attempt at a coup."

"Because I already had the virus and the government does not have the power to force a vaccine on the people."

Asian General Public

73.7% likely to receive COVID-19 vaccine

26.3% UNLIKELY

A total of 247 participants who identify as Asian took surveys A & B between Dec 1st 2020 to Jan 31st 2021.

Age groups 18-24 and 55+ ARE MOST LIKELY TO RECEIVE VACCINE

with 100% and 80% who put "somewhat" to "very likely" respectively. Comparatively, ~70% of age groups 25-54 put "somewhat" to "very likely" to receive the vaccine.

Males

10% MORE LIKELY TO RECEIVE VACCINE THAN FEMALES

Male n = 77

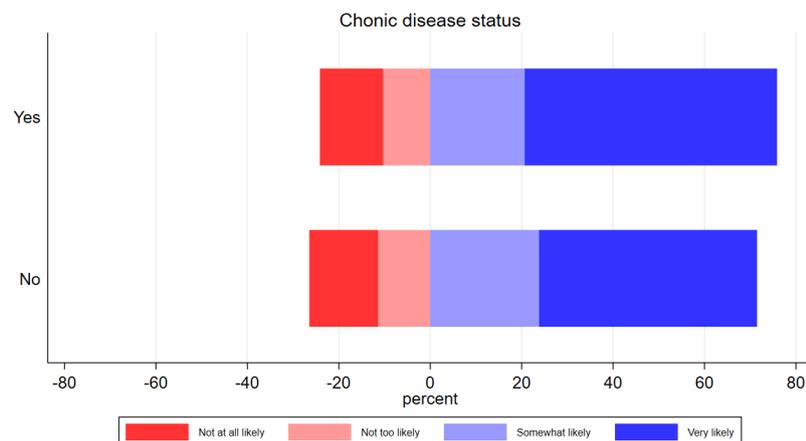
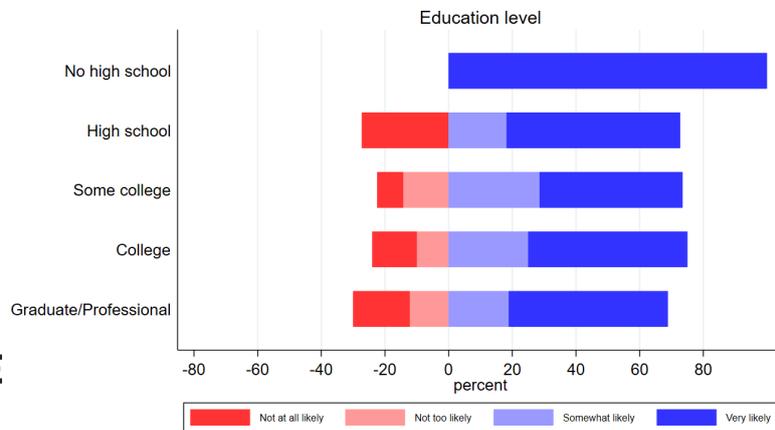
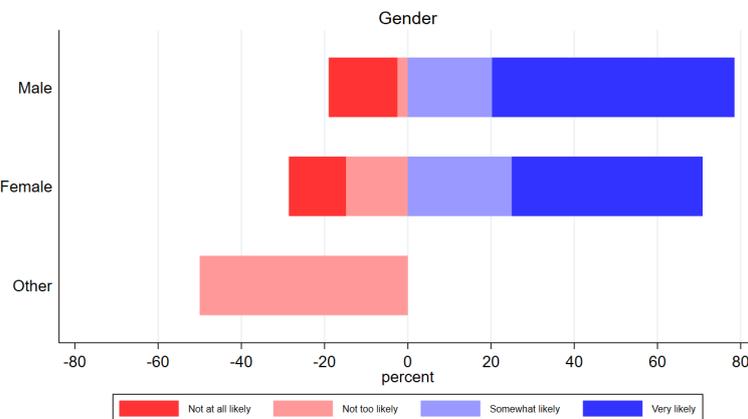
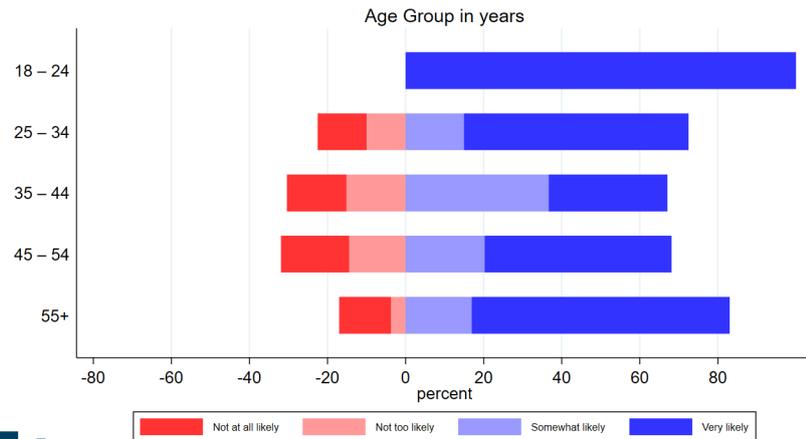
Female n = 167

Education level

HAS NO STRONG CORRELATION WITH LIKELIHOOD TO RECEIVE THE VACCINE

Chronic disease status NOT STRONGLY CORRELATED WITH LIKELINESS TO RECEIVE THE VACCINE

Those who have a chronic disease are only ~5% more likely to receive the COVID-19 vaccine than those without.

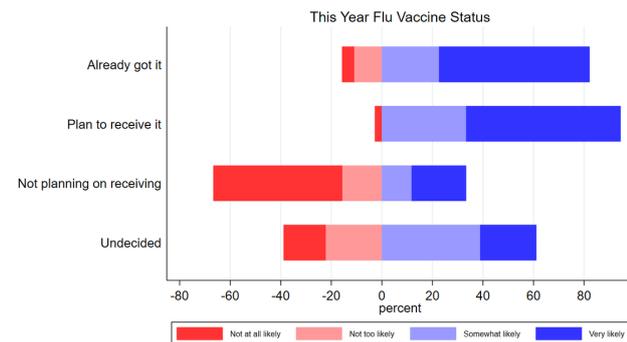
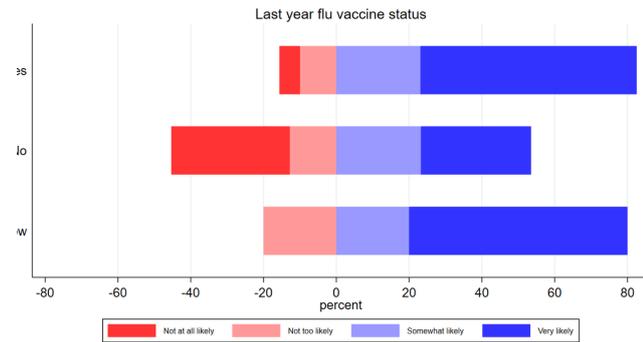


Asian General Public

Previous & current influenza vaccine reception

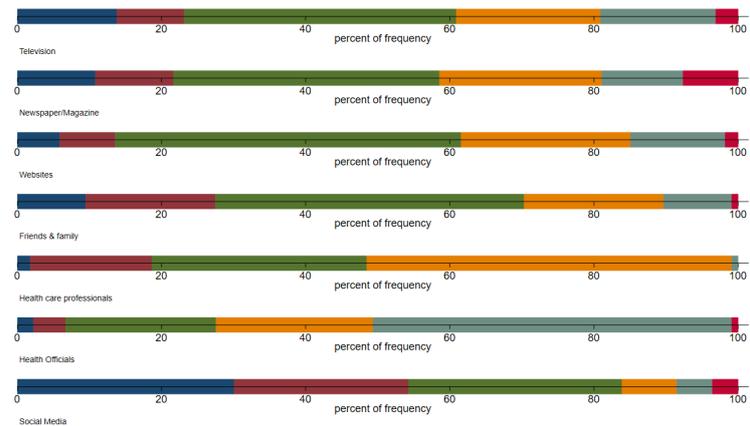
STRONGLY CORRELATED WITH LIKELIHOOD TO RECEIVE COVID VACCINE

Those who are not planning on receiving flu shot this year, and those who have not received it in the past are less likely to receive the COVID-19 vaccine than those who did receive the flu shot this year or last year.



Asian-identifying participants trust HEALTH CARE PROFESSIONALS, HEALTH OFFICIALS AND WEBSITES

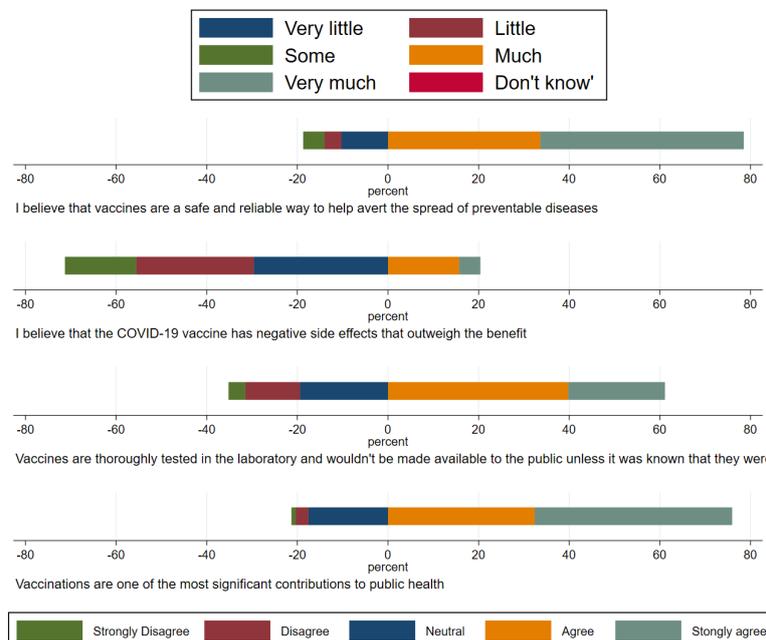
for information about the COVID-19 pandemic



General vaccine attitudes

79% OF PARTICIPANTS BELIEVE VACCINES ARE A SAFE AND RELIABLE WAY TO HELP AVERT THE SPREAD OF PREVENTABLE DISEASES

Which slightly higher than 77% general vaccine acceptance of the entire survey population



Asian General Public

Qualitative Data

If not receiving the flu vaccine, why not?

"Have not gotten flu shot in 5+ years and have not been affected by the yearly flu."

"Sometimes I still get the flu even though I get the flu shot."

"Transplant recipient."

"No need. Not coming in contact with people."

"My husband is opposed to getting the flu shot for as long as I've known him."

"Allergic reaction to flu shot, immune compromised."

If not receiving the COVID vaccine, why not?

"Side effects, newness of the virus & vaccine (not enough research)."

"Unproven and not safe at this point in time."

"I already had COVID It was no worse than a bad cold."

"I'll let other people be the guinea pigs. Also, even if I get C19, I'm not in a high risk category."

"COVID-19 is a simple variation of the common cold virus. It has a survival rate of 99.75. I have a better chance of dying in a car accident."

"Breastfeeding, no research."

Final Recommendations & Supplemental Data

This report highlights the results of various racial and ethnic populations from December 1st 2020 to January 31st 2021

CONCLUSIONS

1. According to public health experts, we need to achieve 75-80% vaccination rates in our community to develop effective community immunity (herd protection). Overall we are currently at 66%, however various disparities in certain populations present room for improvement.
2. Knowledge and attitudes about vaccine safety, efficacy, and long-term effects, in addition to personal values and beliefs are important drivers of vaccine acceptance.
3. Overall, most populations trust health care providers, health officials, websites as their top sources of information so it will be important to use these avenues to disseminate educational materials and information.

RECOMMENDATIONS

1. Increase responses from certain racial/ethnic populations so that it better matches state demographics
2. Analyze the qualitative answers by race/ethnicity to better understand specific reasons why each population is vaccine hesitant

	Somewhat or very likely	Not at all or not too likely	Total	NV Demographic*
RACE				
Black or African American	149 (3.4%)	192 (8.8%)	341 (5.2%)	9.6%
American Indian or Alaska Native	45 (1.0%)	31 (1.4%)	76 (1.2%)	1.4%
Asian	182 (4.2%)	65 (3.0%)	247 (3.8%)	8.5%
Native Hawaiian or Other Pacific Islander	46 (1.1%)	34 (1.6%)	80 (1.2%)	0.7%
White	3,804 (87.7%)	1,762 (80.6%)	5,566 (85.4%)	64.6%
Missing	110 (2.5%)	101 (4.6%)	211 (3.2%)	
ETHN				
Hispanic	474 (10.9%)	335 (15.3%)	809 (12.4%)	29.2%
Non-Hispanic	3,603 (83.1%)	1,678 (76.8%)	5,281 (81.0%)	
Missing	259 (6.0%)	172 (7.9%)	431 (6.6%)	

*Data from: <https://data.census.gov/cedsci/profile?g=0400000US32>

Supplemental Data - Hispanic

HISPANIC POPULATION	Somewhat or Very likely N=474	Not at all or not too likely N=335	Total N=809
GENDER			
Male	176 (71.5%)	70 (28.5%)	246(100.0%)
Female	297 (52.8%)	265 (47.2%)	562(100.0%)
AGE			
18 – 24	29 (74.4%)	10 (25.6%)	39 (100.0%)
25 – 34	121 (50.8%)	117 (49.2%)	238(100.0%)
35 – 44	129 (52.7%)	116 (47.3%)	245(100.0%)
45 – 54	103 (63.2%)	60 (36.8%)	163(100.0%)
55+	92 (74.8%)	31 (25.2%)	123(100.0%)
EDUCATION LEVEL			
No high school	2 (100.0%)	0 (0.0%)	2 (100.0%)
High school	51 (45.9%)	60 (54.1%)	111(100.0%)
Some college	137 (54.4%)	115 (45.6%)	252(100.0%)
College	175 (65.3%)	93 (34.7%)	268(100.0%)
Graduate/Professional	107 (61.8%)	66 (38.2%)	173(100.0%)
Missing	2 (66.7%)	1 (33.3%)	3 (100.0%)
RACE			
Black or African American	7 (31.8%)	15 (68.2%)	22 (100.0%)
American Indian or Alaska Native	15 (53.6%)	13 (46.4%)	28 (100.0%)
Asian	4 (50.0%)	4 (50.0%)	8 (100.0%)
Native Hawaiian or Other Pacific Islander	4 (44.4%)	5 (55.6%)	9 (100.0%)
White	373 (59.7%)	252 (40.3%)	625(100.0%)
Missing	71 (60.7%)	46 (39.3%)	117(100.0%)
ETHNICITY			
Hispanic	474 (58.6%)	335 (41.4%)	809(100.0%)
EMPLOYMENT			
Employed	410 (57.0%)	309 (43.0%)	719(100.0%)
Unemployed	42 (67.7%)	20 (32.3%)	62 (100.0%)
Retired	22 (81.5%)	5 (18.5%)	27 (100.0%)
WORK FROM HOME			
Yes	232 (56.9%)	176 (43.1%)	408(100.0%)
No	176 (57.0%)	133 (43.0%)	309(100.0%)
Missing	66 (71.7%)	26 (28.3%)	92 (100.0%)
GOT FLU VACCINE LAST YEAR			
Yes	298 (81.0%)	70 (19.0%)	368(100.0%)
No	172 (39.6%)	262 (60.4%)	434(100.0%)
Don't know	4 (57.1%)	3 (42.9%)	7 (100.0%)
GOT FLU VACCINE THIS YEAR			
Already got it	274 (83.5%)	54 (16.5%)	328(100.0%)
Plan to receive it	67 (85.9%)	11 (14.1%)	78 (100.0%)
Not planning on receiving	86 (26.7%)	236 (73.3%)	322(100.0%)
Undecided	47 (58.0%)	34 (42.0%)	81 (100.0%)

Supplemental Data - Black or African American

Black & African-American	Somewhat or Very likely	Not at all or not too likely	Total
	N=149	N=192	N=341
GENDER			
Male	55 (68.8%)	25 (31.3%)	80 (100.0%)
Female	94 (36.2%)	166 (63.8%)	260(100.0%)
AGE			
18 – 24	5 (62.5%)	3 (37.5%)	8 (100.0%)
25 – 34	19 (35.8%)	34 (64.2%)	53 (100.0%)
35 – 44	34 (33.3%)	68 (66.7%)	102(100.0%)
45 – 54	35 (39.3%)	54 (60.7%)	89 (100.0%)
55+	56 (62.9%)	33 (37.1%)	89 (100.0%)
EDUCATION LEVEL			
High school	3 (17.6%)	14 (82.4%)	17 (100.0%)
Some college	43 (42.2%)	59 (57.8%)	102(100.0%)
College	63 (54.3%)	53 (45.7%)	116(100.0%)
Graduate/Professional	40 (37.7%)	66 (62.3%)	106(100.0%)
RACE			
Black or African American	149 (43.7%)	192 (56.3%)	341(100.0%)
ETHNICITY			
Hispanic	7 (31.8%)	15 (68.2%)	22 (100.0%)
Non-Hispanic	122 (45.0%)	149 (55.0%)	271(100.0%)
Missing	20 (41.7%)	28 (58.3%)	48 (100.0%)
EMPLOYMENT			
Employed	117 (40.8%)	170 (59.2%)	287(100.0%)
Unemployed	7 (31.8%)	15 (68.2%)	22 (100.0%)
Retired	24 (77.4%)	7 (22.6%)	31 (100.0%)
WORK FROM HOME			
Yes	76 (46.1%)	89 (53.9%)	165(100.0%)
No	41 (33.6%)	81 (66.4%)	122(100.0%)
Missing	32 (59.3%)	22 (40.7%)	54 (100.0%)
GOT FLU VACCINE LAST YEAR			
Yes	80 (70.8%)	33 (29.2%)	113(100.0%)
No	69 (30.3%)	159 (69.7%)	228(100.0%)
GOT FLU VACCINE THIS YEAR			
Already got it	71 (70.3%)	30 (29.7%)	101(100.0%)
Plan to receive it	24 (80.0%)	6 (20.0%)	30 (100.0%)
Not planning on receiving	43 (22.5%)	148 (77.5%)	191(100.0%)
Undecided	11 (57.9%)	8 (42.1%)	19 (100.0%)
SICK WITH COVID			
Yes, confirmed	10 (43.5%)	13 (56.5%)	23 (100.0%)
Yes, but not yet confirmed	1 (25.0%)	3 (75.0%)	4 (100.0%)
No	123 (43.9%)	157 (56.1%)	280(100.0%)
Don't Know	15 (44.1%)	19 (55.9%)	34 (100.0%)
SOMEONE IN NETWORK SICK WITH COVID			
Yes, confirmed	87 (43.5%)	113 (56.5%)	200(100.0%)
Yes, but not yet confirmed	2 (33.3%)	4 (66.7%)	6 (100.0%)
No	53 (44.2%)	67 (55.8%)	120(100.0%)
Don't Know	7 (46.7%)	8 (53.3%)	15 (100.0%)

Supplemental Data - Native American or American Indian

Native American	Somewhat or Very likely	Not at all or not too likely	Total
	N=45	N=31	
GNDR			
Male	17 (81%)	4 (19%)	21(100%)
Female	28 (53%)	25 (47%)	53(100%)
AGE			
18 – 24	3 (100%)	0 (0%)	3 (100%)
25 – 34	6 (35%)	11 (65%)	17(100%)
35 – 44	11 (58%)	8 (42%)	19(100%)
45 – 54	10 (63%)	6 (38%)	16(100%)
55+	15 (71%)	6 (29%)	21(100%)
EDUCATION LEVEL			
No high school	1 (100%)	0 (0%)	1 (100%)
High school	4 (50%)	4 (50%)	8 (100%)
Some college	15 (71%)	6 (29%)	21(100%)
College	14 (54%)	12 (46%)	26(100%)
Graduate/Professional	11 (55%)	9 (45%)	20(100%)
RACE			
American Indian or Alaska Native	45 (59%)	31 (41%)	76(100%)
ETHNICITY			
Hispanic	15 (54%)	13 (46%)	28(100%)
Non-Hispanic	27 (63%)	16 (37%)	43(100%)
EMPLOYMENT			
Employed	39 (58%)	28 (42%)	67(100%)
Unemployed	4 (80%)	1 (20%)	5 (100%)
Retired	2 (50%)	2 (50%)	4 (100%)
WORK FROM HOME			
Yes	21 (58%)	15 (42%)	36(100%)
No	18 (58%)	13 (42%)	31(100%)
Missing	6 (67%)	3 (33%)	9 (100%)
GOT FLU VACCINE LAST YEAR			
Yes	34 (85%)	6 (15%)	40(100%)
No	11 (31%)	24 (69%)	35(100%)
Don't know	0 (0%)	1 (100%)	1 (100%)
GOT FLU VACCINE THIS YEAR			
Already got it	31 (86%)	5 (14%)	36(100%)
Plan to receive it	7 (100%)	0 (0%)	7 (100%)
Not planning on receiving	4 (14%)	24 (86%)	28(100%)
Undecided	3 (60%)	2 (40%)	5 (100%)
SICK WITH COVID			
Yes, confirmed	2 (40%)	3 (60%)	5 (100%)
Yes, but not yet confirmed	2 (100%)	0 (0%)	2 (100%)
No	36 (64%)	20 (36%)	56(100%)
Don't Know	5 (38%)	8 (62%)	13(100%)
SOMEONE IN NETWORK SICK WITH COVID			
Yes, confirmed	30 (57%)	23 (43%)	53(100%)
Yes, but not yet confirmed	1 (50%)	1 (50%)	2 (100%)
No	13 (68%)	6 (32%)	19(100%)
Don't Know	1 (50%)	1 (50%)	2 (100%)

Supplemental Data - Asian

Asian	Somewhat or Very likely N=182	Not at all or not too likely N=65	Total N=247
GENDER			
Male	62 (80.5%)	15 (19.5%)	77 (100.0%)
Female	119 (71.3%)	48 (28.7%)	167(100.0%)
AGE			
18 – 24	9 (100%)	0 (0%)	9 (100%)
25 – 34	29 (76%)	9 (24%)	38 (100%)
35 – 44	53 (69%)	24 (31%)	77 (100%)
45 – 54	47 (68%)	22 (32%)	69 (100%)
55+	44 (83%)	9 (17%)	53 (100%)
Missing	0 (0%)	1 (100%)	1 (100%)
EDUCATION LEVEL			
No high school	1 (100%)	0 (0%)	1 (100%)
High school	8 (73%)	3 (27%)	11 (100%)
Some college	36 (77%)	11 (23%)	47 (100%)
College	75 (76%)	24 (24%)	99 (100%)
Graduate/Professional	62 (70%)	27 (30%)	89 (100%)
ETHNICITY			
Hispanic	4 (50.0%)	4 (50.0%)	8 (100.0%)
Non-Hispanic	162 (73.3%)	59 (26.7%)	221(100.0%)
Missing	16 (88.9%)	2 (11.1%)	18 (100.0%)
EMPLOYMENT			
Employed	154 (71.6%)	61 (28.4%)	215(100.0%)
Unemployed	13 (92.9%)	1 (7.1%)	14 (100.0%)
Retired	15 (83.3%)	3 (16.7%)	18 (100.0%)
WORK FROM HOME			
Yes	92 (72.4%)	35 (27.6%)	127(100.0%)
No	62 (70.5%)	26 (29.5%)	88 (100.0%)
Missing	28 (87.5%)	4 (12.5%)	32 (100.0%)
GOT FLU VACCINE LAST YEAR			
Yes	132 (84.1%)	25 (15.9%)	157(100.0%)
No	46 (54.1%)	39 (45.9%)	85 (100.0%)
Don't know	4 (80.0%)	1 (20.0%)	5 (100.0%)
GOT FLU VACCINE THIS YEAR			
Already got it	120 (83.9%)	23 (16.1%)	143(100.0%)
Plan to receive it	34 (97.1%)	1 (2.9%)	35 (100.0%)
Not planning on receiving	17 (33.3%)	34 (66.7%)	51 (100.0%)
Undecided	11 (61.1%)	7 (38.9%)	18 (100.0%)
SICK WITH COVID			
Yes, confirmed	10 (43.5%)	13 (56.5%)	23 (100.0%)
Yes, but not yet confirmed	4 (80.0%)	1 (20.0%)	5 (100.0%)
No	141 (76.2%)	44 (23.8%)	185(100.0%)
Don't Know	26 (78.8%)	7 (21.2%)	33 (100.0%)
Missing	1 (100.0%)	0 (0.0%)	1 (100.0%)
SOMEONE IN NETWORK SICK WITH COVID			
Yes, confirmed	101 (70.6%)	42 (29.4%)	143(100.0%)
Yes, but not yet confirmed	3 (100.0%)	0 (0.0%)	3 (100.0%)
No	70 (76.1%)	22 (23.9%)	92 (100.0%)
Don't Know	8 (88.9%)	1 (11.1%)	9 (100.0%)