

Methods & Data Tables

Vanderbilt Child Health Poll ■ Masks, Vaccines, Trust



The Vanderbilt Child Health Poll aimed to gather insights from Tennessee parents regarding their children's health insurance coverage, behavioral health, schooling, as well as the impact the COVID-19 pandemic has had on their family. This poll was conducted in the fall of 2020, fielded October 2nd to November 9th, by Ipsos Public Affairs (Ipsos) utilizing an online platform to collect responses from 1,066 parents in Tennessee. Respondents were required to have at least one child under the age of 18 who lives in the same household. The survey was fielded in English and had a median completion time of 12 minutes. Participants received an email invitation to complete the poll online at their convenience and non-responders were sent reminders regularly. Ipsos provided households with Internet access and hardware if needed. This electronic approach, as opposed to telephone calls or postal mail, reduces the burden placed on respondents and yields higher response rates.

Ipsos makes use of address-based sampling methods to recruit a pool of participants and subsequently selects from this pool using stratified random sampling. This methodology of survey sampling ensures that poll results will be generalizable to the Tennessee population since it is effective in recruiting hard-to-reach individuals, such as young adults and minorities.

This study design incorporated an oversampling of Non-Hispanic Black/African American and Hispanic minority populations. Each participant is given a weight based on their demographic information. These weights are scaled based on demographic distributions from the 2018 American Community Survey.

The geodemographic benchmarks used to weight Child Health Poll respondents included:

- Gender (Male, Female) by Age (18-34,35-44,45+)
- Race/Ethnicity (White, Black, Other, Hispanic, 2+ Races)
- Education (Less than HS/HS, Some College, Bachelor or Higher)
- Household Income (under \$25K, \$25K-\$49,999, \$50K-\$74,999, \$75K-\$99,999, \$100K-\$149,999, \$150K and over)

The poll asked questions related to the following categories:

- Concerns about the health and wellbeing of children
- Health Insurance Coverage
- Behavioral Health
- Impact of the COVID-19 pandemic
- Schooling

In order to minimize biases, the order in which responses to several questions appear were randomized. In future years, polling topics will change such that different issues related to child health and wellbeing may be highlighted.

Results from the Child Health Poll have been analyzed in R using weighted survey methods. Point estimates of the mean for each response are reported along with along with their standard errors.

All reported percentages have survey weights applied, so their interpretation can be broadened to all parents in Tennessee. For example, "44.5% of parents in Tennessee are very likely to get the flu vaccine for their child this season."

All summaries are listed with unweighted sample sizes N as well as row-wise weighted proportions of Tennessee Parents +/- Standard of Error.

VACCINATION HESITANCY

How likely are you to get the influenza vaccine (flu shot) for your child(ren) this season?

	N	Very likely	Likely	Unlikely	Very unlikely
Overall	1066	44.5% +/- 2.1	19.8% +/- 1.7	11.4% +/- 1.3	24.1% +/- 1.9
Race/Ethnicity					
White, Non-Hispanic	759	46.9%	19.0%	11.1%	22.8%
Black, Non-Hispanic	186	30.2%	26.2%	12.0%	31.4%
Other/2+ races, Non-Hispanic	50	51.9%	12.2%	7.7%	28.2%
Hispanic	71	46.2%	19.1%	14.9%	19.8%

If a safe and effective vaccine against COVID-19 is developed and approved by the US Food and Drug Administration (FDA) in the next 12 months, how likely are you to get if for your child(ren)?

	N	Very likely	Likely	Unlikely	Very unlikely
Overall	1066	21.9% +/- 1.8	31.2% +/- 2.0	20.4% +/- 1.7	26.2% +/- 1.9
Race/Ethnicity					
White, Non-Hispanic	759	22.7%	31.2%	20.8%	25.0%
Black, Non-Hispanic	186	12.9%	31.0%	21.6%	34.2%
Other/2+ races, Non-Hispanic	50	39.5%	21.4%	13.5%	25.6%
Hispanic	71	22.9%	38.2%	17.2%	21.8%

MASK-WEARING

In the past month, how often have you worn a mask or face covering outside the home, in stores, or other businesses?

	N	Every time	Almost every time	Occasionally	Almost never	Never	Have not gone to these types of places
Overall	1066	56.8% +/- 2.2	26.9% +/- 1.9	9.7% +/- 1.3	4.1% +/- 0.9	2.0% +/- 0.8	0.4% +/- 0.2
Race/Ethnicity							
White, Non-Hispanic	759	52.8%	28.5%	11.7%	4.6%	2.2%	0.3%
Black, Non-Hispanic	186	72.6%	16.9%	4.5%	3.4%	2.6%	0.0%
Other/2+ races, Non-Hispanic	50	60.9%	29.5%	4.2%	0.0%	0.0%	5.3%
Hispanic	71	60.9%	30.9%	4.3%	3.5%	0.5%	0.0%

MASK PERCEPTIONS

How much do you agree that wearing a mask in public protects me from contracting COVID-19?

	N	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Overall	1066	31.2% +/- 2.0	25.8% +/- 1.9	21.1% +/- 1.7	9.4% +/- 1.1	12.0% +/- 1.6
Race/Ethnicity						
White, Non-Hispanic	759	27.2%	25.1%	22.1%	11.2%	14.0%
Black, Non-Hispanic	186	45.5%	28.6%	15.9%	2.8%	6.6%
Other/2+ races, Non-Hispanic	50	36.4%	14.9%	25.7%	10.6%	12.3%
Hispanic	71	38.8%	34.7%	19.4%	4.4%	2.7%

How much do you agree that wearing a mask in public protects those around me from contracting COVID-19?

	N	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Overall	1066	37.3% +/- 2.1	28.9% +/- 1.9	16.6% +/- 1.6	6.9% +/- 1.1	10.1% +/- 1.5
Race/Ethnicity						
White, Non-Hispanic	759	34.9%	29.4%	17.2%	7.0%	11.5%
Black, Non-Hispanic	186	46.3%	27.6%	13.6%	5.9%	5.4%
Other/2+ races, Non-Hispanic	50	38.5%	23.8%	19.3%	6.1%	12.3%
Hispanic	71	42.2%	29.8%	14.6%	8.8%	4.6%

How much do you agree that wearing a mask in public settings is easy?

	N	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Overall	1066	36.5% +/- 2.1	30.0% +/- 2.0	12.0% +/- 1.4	13.4% +/- 1.6	7.8% +/- 1.2
Race/Ethnicity						
White, Non-Hispanic	759	34.5%	30.3%	11.5%	14.8%	8.6%
Black, Non-Hispanic	186	45.1%	27.7%	13.8%	6.4%	6.6%
Other/2+ races, Non-Hispanic	50	33.5%	29.4%	23.2%	11.7%	2.1%
Hispanic	71	40.4%	32.5%	6.1%	14.7%	6.3%

How much do you agree that it's important for your child(ren) to wear a mask in public settings?

	N	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Overall	1066	40.8% +/- 2.1	27.1% +/- 1.9	15.7% +/- 1.6	7.3% +/- 1.1	8.6% +/- 1.4
Race/Ethnicity						
White, Non-Hispanic	759	37.6%	26.9%	17.4%	8.2%	9.6%
Black, Non-Hispanic	186	53.2%	25.4%	10.6%	3.9%	6.3%
Other/2+ races, Non-Hispanic	50	42.1%	29.5%	8.3%	9.7%	10.4%
Hispanic	71	46.3%	31.8%	14.8%	3.4%	2.5%

How much do you agree that you would be more likely to wear a mask if it was mandated by your state's governor or legislature?

	N	Strongly Agree	Agree	Neutral	Disagree	Strongly disagree
Overall	1066	24.7% +/- 1.8	23.8% +/- 1.8	23.5% +/- 1.8	14.7% +/- 1.6	13.1% +/- 1.5
Race/Ethnicity						
White, Non-Hispanic	759	21.8%	23.4%	25.3%	15.2%	14.0%
Black, Non-Hispanic	186	36.8%	25.5%	18.0%	12.9%	6.2%
Other/2+ races, Non-Hispanic	50	27.7%	13.9%	21.8%	12.9%	23.6%
Hispanic	71	25.8%	30.4%	16.9%	14.6%	12.2%

How much do you agree that you would be more likely to wear a mask if there was a national mandate?

	N	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Overall	1066	22.9% +/- 31.7	23.0% +/- 1.8	25.7% +/- 1.9	13.9% +/- 1.5	14.2% +/- 1.6
Race/Ethnicity						
White, Non-Hispanic	759	19.2%	21.9%	27.3%	15.4%	15.9%
Black, Non-Hispanic	186	37.5%	28.8%	22.2%	6.6%	4.4%
Other/2+ races, Non-Hispanic	50	29.9%	14.0%	15.3%	15.1%	25.7%
Hispanic	71	25.0%	27.7%	22.4%	13.8%	11.0%

TRUST

	Who do you trust to provide accurate information regarding the <u>COVID-19 pandemic</u> , including decisions such as when to re-open schools, how to protect oneself and other, etc.?	Who do you trust for information regarding <u>vaccines</u> ?
	*It was possible to choose more than one answer	
The President of the United States	17.3% +/- 1.6	9.0% +/- 1.2
Dr. Anthony Fauci	21.2% +/- 1.7	15.1% +/- 1.5
The Centers for Disease Control (CDC)	37.7% +/- 2.1	37.3% +/- 2.1
The Governor of Tennessee	15.9% +/- 1.5	10.2% +/- 1.4
Tennessee Department of Health	37.6% +/- 2.1	31.2% +/- 2.0
National News	13.9% +/- 1.4	8.4% +/- 1.1
Local News	13.2% +/- 1.4	5.4% +/- 1.0
Your town's mayor	8.0% +/- 1.2	2.1% +/- 0.6
Your local Health Department	29.1% +/- 1.9	24.1% +/- 1.7
Your child's doctor, nurse, or other health care provider	34.5% +/- 2.0	40.6% +/- 2.1
Your child's school	11.5% +/- 1.3	4.6% +/- 0.8
Your religious leader	5.4% +/- 1.0	2.8% +/- 0.6
Friends & family	11.6% +/- 1.4	6.8% +/- 1.0
Social media	7.1% +/- 1.0	4.6% +/- 0.7
Scientific research/studies	36.8% +/- 2.1	32.2% +/- 2.0
None of these	17.8% +/- 1.8	18.6% +/- 1.8