North Carolina Survey on Human Health & the Environment

July 2020 N = 1,505 June 15-20

NOTE: NUMBERS IN THE FIRST COLUMN ARE INDIVIDUAL RESPONSES AND NUMBERS IN THE SECOND COLUMN ARE VALID PERCENT (EXCLUDING MISSING ANSWERS). *NA INDICATES HOW MANY RESPONDENTS DID NOT PROVIDE AN ANSWER TO EACH INDIVIDUAL QUESTIONS. COLUMNS MAY NOT TOTAL 100% DUE TO ROUNDING.

[ASK ALL:]

Q113 In the past week, how many days did you read a newspaper or a news website?

| 0 days | 254 | 16.9% |
|--------|-----|-------|
| 1 day | 94 | 6.3 |
| 2 days | 169 | 11.2 |
| 3 days | 165 | 11.0 |
| 4 days | 113 | 7.5 |
| 5 days | 147 | 9.8 |
| 6 days | 59 | 3.9 |
| 7 days | 502 | 33.4 |
| *NA | 2 | |

Q3 When you read a newspaper or a news website, how much attention do you pay to news about ... government and politics?

| [No exposure] | 254 | 16.9% |
|-------------------|-----|-------|
| None at all | 31 | 2.1 |
| A little | 216 | 14.4 |
| A moderate amount | 419 | 27.9 |
| A lot | 306 | 20.4 |
| A great deal | 274 | 18.3 |
| *NA | 5 | |

Q107 ... Science and technology?

| [No exposure] | 254 | 16.9% |
|-------------------|-----|-------|
| None at all | 81 | 5.4 |
| A little | 353 | 23.5 |
| A moderate amount | 456 | 30.3 |
| A lot | 233 | 15.5 |
| A great deal | 126 | 8.4 |
| *NA | 2 | |

Q108 ... Health and medicine?

| [No exposure] | 254 | 16.9% |
|-------------------|-----|-------|
| None at all | 36 | 2.4 |
| A little | 237 | 15.8 |
| A moderate amount | 455 | 30.3 |
| A lot | 332 | 22.1 |
| A great deal | 190 | 12.6 |
| *NA | 1 | |

Q115 In the past week, how many days did you watch television news? This includes online videos produced by television networks.

| 0 days | 210 | 14.0% |
|--------|-----|-------|
| 1 day | 84 | 5.6 |
| 2 days | 129 | 8.6 |
| 3 days | 165 | 11.0 |
| 4 days | 114 | 7.6 |
| 5 days | 184 | 12.2 |
| 6 days | 79 | 5.2 |
| 7 days | 540 | 35.9 |
| *NA | 0 | |
| | | |

Q109 When you watch television news, how much attention do you pay to news about ... government and politics?

| [No exposure] | 210 | 14.0% |
|-------------------|-----|-------|
| None at all | 38 | 2.5 |
| A little | 234 | 15.6 |
| A moderate amount | 394 | 26.3 |
| A lot | 321 | 21.4 |
| A great deal | 303 | 20.2 |
| *NA | 5 | |

Q110.0 ... Science and technology?

| [No exposure] | 210 | 14.0% |
|-------------------|-----|-------|
| None at all | 87 | 5.8 |
| A little | 334 | 22.3 |
| A moderate amount | 465 | 31.0 |
| A lot | 259 | 17.3 |
| A great deal | 146 | 9.7 |
| *NA | 4 | |

Q111 ... Health and medicine?

| [No exposure] | 210 | 14.0% |
|-------------------|-----|-------|
| None at all | 39 | 2.6 |
| A little | 221 | 14.7 |
| A moderate amount | 454 | 30.2 |
| A lot | 337 | 22.4 |
| A great deal | 241 | 16.0 |
| *NA | 3 | |

Q8 In your day-to-day interactions with other people, how often do you have discussions with other people about ... government and politics?

| 205 | 13.7% |
|-----|-------------------|
| 491 | 32.7 |
| 460 | 30.6 |
| 203 | 13.5 |
| 142 | 9.5 |
| 4 | |
| | 491 460 203 |

Q70 ... Science and technology?

| Not at all | 309 | 20.6% |
|-------------------|-----|-------|
| A little | 576 | 38.3 |
| A moderate amount | 389 | 25.9 |
| A lot | 140 | 9.3 |
| A great deal | 88 | 5.9 |
| *NA | 3 | |

Q71 ... Health and medicine?

| Not at all | 144 | 9.6% |
|-------------------|-----|------|
| A little | 463 | 30.9 |
| A moderate amount | 457 | 30.5 |
| A lot | 278 | 18.6 |
| A great deal | 155 | 10.4 |
| *NA | 8 | |

[START RANDOMIZED CONDITIONS]

[CONDITION 1A: CLOSED-ENDED ENVIRONMENTAL PROBLEM (N = 750)]

Q105 Here is a list of some different environmental problems. Which one problem do you think is the most important for North Carolina as a whole? (Select only one option.)

| Air pollution | 53 | 7.0% |
|--------------------------------|-----|------|
| Chemicals and pesticides | 75 | 9.9 |
| Water shortages | 28 | 3.7 |
| Water pollution | 153 | 20.3 |
| Nuclear waste | 26 | 3.4 |
| Domestic waste disposal | 58 | 7.7 |
| Climate change | 178 | 23.6 |
| Genetically modified foods | 48 | 6.4 |
| Using up our natural resources | 69 | 9.1 |
| None of these | 67 | 8.9 |
| *NA | 0 | |

[CONDITION 1B: OPEN-ENDED ENVIRONMENTAL PROBLEM (N = 755)]

Q147 Thinking of different environmental problems, which one problem do you think is the most important for North Carolina as a whole? Please write down the first problem that comes to mind.

[Note: Will insert breakdown of responses after human coding individual responses.]

[END RANDOMIZED CONDITION]

[START RANDOMIZED CONDITIONS] [CONDITION 2A: PFAS QUESTIONS (N = 751)]

As you may know, **per- and polyfluoroalkyl substances (PFAS)** are chemical compounds used to make consumer products like water-repellent coatings.

In the past few years, scientists discovered that some of these substances (for example, GenX and PFOA) have polluted water supplies in North Carolina. Now, scientists are trying to understand what the potential health impacts may be and how to remove PFAS from the environment.

We want to know what you have heard about PFAS, human health, and the environment.

In this next section, please think about the topic of PFAS and select the answer that best represents your opinion.

Q11 First, before you received this questionnaire, had you heard of PFAS (this includes GenX)?

| Yes | 303 | 40.9% |
|-----|-----|-------|
| No | 437 | 59.1 |
| *NA | 2 | |

Q15 How do you feel about the following statements? For each statement, please circle the response that best represents your views. ... Cooking with non-stick or Teflon pans is probably safe for my long-term health.

| Strongly disagree | 57 | 7.7% |
|----------------------------|-----|------|
| Disagree | 126 | 17.0 |
| Neither agree nor disagree | 313 | 42.2 |
| Agree | 195 | 26.3 |
| Strongly agree | 51 | 6.9 |
| *NA | 0 | |

Q16 Drinking bottled water is safer for my health than drinking tap water.

| Strongly disagree | 56 | 7.6% |
|----------------------------|-----|------|
| Disagree | 160 | 21.6 |
| Neither agree nor disagree | 187 | 25.3 |
| Agree | 223 | 30.1 |
| Strongly agree | 114 | 15.4 |
| *NA | 2 | |

Q17 It's not a big deal if I forget to wear sunscreen in the summer.

| Strongly disagree | 256 | 34.6% |
|----------------------------|-----|-------|
| Disagree | 245 | 33.2 |
| Neither agree nor disagree | 124 | 16.8 |
| Agree | 75 | 10.1 |
| Strongly agree | 39 | 5.3 |
| *NA | 3 | |

Q18 Washing fruits and vegetables before I eat them keeps me healthy.

| Strongly disagree | 17 | 2.3% |
|----------------------------|-----|------|
| Disagree | 25 | 3.4 |
| Neither agree nor disagree | 114 | 15.4 |
| Agree | 369 | 49.9 |
| Strongly agree | 214 | 29.0 |
| *NA | 3 | |

Q94 Think about how PFAS may influence human health. How much do you think these substances will harm you personally?

| Not at all | 53 | 7.2% |
|-------------------|-----|------|
| A little | 208 | 28.1 |
| A moderate amount | 285 | 38.5 |
| A lot | 128 | 17.3 |
| A great deal | 66 | 8.9 |
| *NA | 2 | |

Q95 How much do you think PFAS will harm your friends and family?

| Not at all | 52 | 7.0% |
|-------------------|-----|------|
| A little | 220 | 29.8 |
| A moderate amount | 275 | 37.2 |
| A lot | 124 | 17.8 |
| A great deal | 68 | 9.2 |
| *NA | 3 | |

Q96 How much do you think PFAS will harm <u>your community</u>?

| Not at all | 49 | 6.6% |
|-------------------|-----|------|
| A little | 190 | 25.6 |
| A moderate amount | 274 | 37.0 |
| A lot | 138 | 18.6 |
| A great deal | 90 | 12.1 |
| *NA | 1 | |

Q97 How much do you think PFAS will harm people in North Carolina?

| Not at all | 42 | 5.7% |
|-------------------|-----|------|
| A little | 180 | 24.3 |
| A moderate amount | 278 | 37.5 |
| A lot | 151 | 20.4 |
| A great deal | 91 | 12.3 |
| *NA | 0 | |

Q22 How effective do you think each of the following activities is at preventing [PFAS] exposure? ... Drinking bottled water rather than tap water

| Not effective at all | 106 | 14.3% |
|----------------------|-----|-------|
| Slightly effective | 150 | 20.2 |
| Moderately effective | 213 | 28.7 |
| Very effective | 185 | 25.0 |
| Extremely effective | 87 | 11.7 |
| *NA | 0 | |

Q24 Removing furniture and carpet with stain resistant treatments from my home

| Not effective at all | 159 | 21.5% |
|----------------------|-----|-------|
| Slightly effective | 226 | 30.5 |
| Moderately effective | 219 | 29.6 |
| Very effective | 94 | 12.7 |
| Extremely effective | 43 | 5.8 |
| *NA | 1 | |

Q25 Working with your elected officials to reduce PFAS inputs to the environment

| Not effective at all | 74 | 10.0% |
|----------------------|-----|-------|
| Slightly effective | 121 | 16.4 |
| Moderately effective | 241 | 32.6 |
| Very effective | 195 | 26.4 |
| Extremely effective | 108 | 14.6 |
| *NA | 3 | |

Q26 Moving to a different community

| Not effective at all | 313 | 42.3% |
|----------------------|-----|-------|
| Slightly effective | 174 | 23.5 |
| Moderately effective | 145 | 19.6 |
| Very effective | 55 | 7.4 |
| Extremely effective | 53 | 7.2 |
| *NA | 2 | |

Q28 How willing would you be to perform each of these behaviors to prevent your exposure to PFAS? ... Drinking bottled water rather than tap water

| Not at all willing | 88 | 11.9% |
|--------------------|-----|-------|
| Slightly willing | 113 | 15.2 |
| Moderately willing | 166 | 22.4 |
| Very willing | 172 | 23.2 |
| Extremely willing | 203 | 27.4 |
| *NA | 0 | |

Q30 Removing furniture and carpet with stain resistant treatments from my home

| Not at all willing | 150 | 20.3% |
|--------------------|-----|-------|
| Slightly willing | 150 | 20.3 |
| Moderately willing | 194 | 26.2 |
| Very willing | 149 | 20.1 |
| Extremely willing | 97 | 13.1 |
| *NA | 2 | |

Q31 Working with your elected officials to reduce PFAS inputs to the environment

| Not at all willing | 69 | 9.3% |
|--------------------|-----|------|
| Slightly willing | 139 | 18.8 |
| Moderately willing | 217 | 29.4 |
| Very willing | 174 | 23.6 |
| Extremely willing | 139 | 18.8 |
| *NA | 4 | |

Q32 Moving to a different community

| Not at all willing | 377 | 51.0% |
|--------------------|-----|-------|
| Slightly willing | 139 | 18.8 |
| Moderately willing | 119 | 16.1 |
| Very willing | 54 | 7.3 |
| Extremely willing | 50 | 6.8 |

We would like you to rate your knowledge about the risks of PFAS. Please use a scale of 0 to 100, where 0 means knowing nothing and 100 means knowing everything you could possibly know about this topic. Using this scale, how much do you think you currently know about the risk from PFAS?

| Mean | 27.99 |
|--------------------|-------|
| Median | 20.00 |
| Mode | 0.00 |
| Standard Deviation | 28.41 |

Think of that same scale again. This time, we would like you to estimate how much knowledge you would need to deal adequately with the possible risks from PFAS in your own life. Of course, you might feel you need the same, more, or possibly even less, information about this topic. Using the same scale of 0 to 100, how much information about PFAS would be sufficient for you, that is, good enough for your purposes?

| Mean | 59.35 |
|--------------------|-------|
| Median | 65.00 |
| Mode | 50.00 |
| Standard Deviation | 29.91 |

Q100 Can you tell us if each of the following statements is true or false, or if you don't know? ... Antibiotics kill viruses as well as bacteria.

| True | 224 | 30.2% |
|-----------------------|-----|-------|
| False (Correct) | 420 | 56.6 |
| *Don't Know/No Answer | 98 | 13.2 |

Q101 Human beings, as we know them today, developed from earlier species of animals.

| True (Correct) | 356 | 48.0% |
|-----------------------|-----|-------|
| False | 244 | 32.9 |
| *Don't Know/No Answer | 142 | 19.1 |

Q102 All radioactivity is man-made.

| True | 135 | 18.2% |
|-----------------------|-----|-------|
| False (Correct) | 479 | 64.6 |
| *Don't Know/No Answer | 128 | 17.3 |

Q103 PFAS are substances that do not exist naturally and are only man-made.

| True (Correct) | 356 | 48.0% |
|-----------------------|-----|-------|
| False | 109 | 14.7 |
| *Don't Know/No Answer | 277 | 37.3 |

Q104 All PFAS chemicals (including PFOS, PFOA, GenX) act the same way in humans and the environment

| True | 148 | 19.9% |
|-----------------------|-----|-------|
| False (Correct) | 215 | 29.0 |
| *Don't Know/No Answer | 379 | 51.1 |

[CONDITION 4: COVID-19 (N = 779)]

Most people in North Carolina are likely aware of **COVID-19**, the disease caused by the novel coronavirus (SARS-CoV-2). This disease has been affecting people around the world since late 2019.

Other types of coronaviruses have been identified in the past, but this coronavirus is very new and scientists have only begun studying it. Infections have been able to spread widely and quickly.

We want to know what you have heard about COVID-19, its causes, and its health effects.

In this next section, please think about the topic of COVID-19 and select the answer that best represents your views.

Q115.0 First, before you received this questionnaire, had you heard of COVID-19?

| Yes | 751 | 97.7% |
|-----|-----|-------|
| No | 18 | 2.3 |
| *NA | 10 | |

Q117 How do you feel about the following statements? For each statement, please circle the response that best represents your views. ... Socializing with people who don't live with me outside of my home during the COVID-19 pandemic is risky.

| Strongly disagree | 34 | 4.4% |
|----------------------------|-----|------|
| Disagree | 52 | 6.8 |
| Neither agree nor disagree | 117 | 15.3 |
| Agree | 294 | 38.3 |
| Strongly agree | 270 | 35.2 |
| *NA | 12 | |

Q118 The symptoms associated with COVID-19 are not any worse than the seasonal flu.

| Strongly disagree | 224 | 29.2% |
|----------------------------|-----|-------|
| Disagree | 227 | 29.6 |
| Neither agree nor disagree | 147 | 19.2 |
| Agree | 120 | 15.6 |
| Strongly agree | 49 | 6.4 |
| *NA | 12 | |

Q119 Washing my hands often is important during the COVID-19 pandemic.

| Strongly disagree | 20 | 2.6% |
|----------------------------|-----|------|
| Disagree | 11 | 1.4 |
| Neither agree nor disagree | 49 | 6.4 |
| Agree | 179 | 23.3 |
| Strongly agree | 509 | 66.3 |
| *NA | 11 | |

Q120 I am not really worried about COVID-19.

| Strongly disagree | 234 | 30.4% |
|----------------------------|-----|-------|
| Disagree | 264 | 34.3 |
| Neither agree nor disagree | 123 | 16.0 |
| Agree | 104 | 13.5 |
| Strongly agree | 44 | 5.7 |
| *NA | 10 | |

Q121 Think about how COVID-19 may influence human health. How much do you think this virus will harm you personally?

| 105 | 13.7% |
|-----|--------------------------|
| 200 | 26.0 |
| 219 | 28.5 |
| 137 | 17.8 |
| 108 | 14.0 |
| 10 | |
| | 200 219 137 108 |

Q122 How much do you think COVID-19 will harm your friends and family?

| Not at all | 93 | 12.1% |
|-------------------|-----|-------|
| A little | 186 | 24.3 |
| A moderate amount | 233 | 30.4 |
| A lot | 147 | 19.2 |
| A great deal | 108 | 14.1 |
| *NA | 12 | |

Q123 How much do you think COVID-19 will harm your community?

| Not at all | 28 | 3.6% |
|-------------------|-----|------|
| A little | 141 | 18.4 |
| A moderate amount | 259 | 33.7 |
| A lot | 194 | 25.3 |
| A great deal | 146 | 19.0 |
| *NA | 11 | |

Q124 How much do you think COVID-19 will harm people in North Carolina?

| Not at all | 25 | 3.2% |
|-------------------|-----|------|
| A little | 99 | 12.9 |
| A moderate amount | 239 | 31.0 |
| A lot | 218 | 28.3 |
| A great deal | 189 | 24.5 |
| *NA | 9 | |

Q126 How effective do you think each of the following activities is at preventing [COVID-19] exposure? ... "Social distancing" or having space between you and other people

| Not effective at all | 25 | 3.2% |
|----------------------|-----|------|
| Slightly effective | 78 | 10.1 |
| Moderately effective | 197 | 25.6 |
| Very effective | 252 | 32.7 |
| Extremely effective | 218 | 28.3 |
| *NA | 9 | |

Q127 Wearing a mask in public

| Not effective at all | 53 | 6.9% |
|----------------------|-----|------|
| Slightly effective | 86 | 11.2 |
| Moderately effective | 176 | 23.0 |
| Very effective | 234 | 30.5 |
| Extremely effective | 217 | 28.3 |
| *NA | 13 | |

Q128 Keeping certain businesses closed and limiting many social gatherings

| Not effective at all | 63 | 8.2% |
|----------------------|-----|------|
| Slightly effective | 89 | 11.6 |
| Moderately effective | 174 | 22.6 |
| Very effective | 216 | 28.1 |
| Extremely effective | 227 | 29.5 |
| *NA | 10 | |

Q129 Moving to a different community

| Not effective at all | 487 | 63.2% |
|----------------------|-----|-------|
| Slightly effective | 127 | 16.5 |
| Moderately effective | 82 | 10.6 |
| Very effective | 37 | 4.8 |
| Extremely effective | 37 | 4.8 |
| *NA | 9 | |

Q131 How willing would you be to perform each of these behaviors to prevent your exposure to COVID-19? ... "Social distancing" or having space between you and other people

| Not at all willing | 24 | 3.1% |
|--------------------|-----|------|
| Slightly willing | 49 | 6.4 |
| Moderately willing | 100 | 13.0 |
| Very willing | 200 | 26.0 |
| Extremely willing | 397 | 51.6 |
| *NA | 9 | |

Q132 Wearing a mask in public

| Not at all willing | 50 | 6.5% |
|--------------------|-----|------|
| Slightly willing | 53 | 6.9 |
| Moderately willing | 118 | 15.3 |
| Very willing | 185 | 24.1 |
| Extremely willing | 363 | 47.2 |
| *NA | 10 | |

Q133 Keeping certain businesses closed and limiting many social gatherings

| Not at all willing | 72 | 9.4% |
|--------------------|-----|------|
| Slightly willing | 89 | 11.6 |
| Moderately willing | 138 | 18.0 |
| Very willing | 185 | 24.1 |
| Extremely willing | 283 | 36.9 |
| *NA | 12 | |

Q134 Moving to a different community

| Not at all willing | 534 | 69.5% |
|--------------------|-----|-------|
| Slightly willing | 83 | 10.8 |
| Moderately willing | 61 | 7.9 |
| Very willing | 34 | 4.4 |
| Extremely willing | 56 | 7.3 |
| *NA | 11 | |

Q135 We would like you to rate your knowledge about the risks of COVID-19.

Please use a scale of 0 to 100, where 0 means knowing nothing and 100 means knowing everything you could possibly know about this topic.

Using this scale, how much do you think you currently know about the risk from COVID-19?

| Mean | 69.11 |
|--------------------|-------|
| Median | 75.00 |
| Mode | 90.00 |
| Standard Deviation | 26.19 |

Think of that same scale again. This time, we would like you to estimate how much knowledge you would need to deal adequately with the possible risks from COVID-19 in your own life. Of course, you might feel you need the same, more, or possibly even less, information about this topic. Using the same scale of 0 to 100, how much information about COVID-19 would be sufficient for you, that is, good enough for your purposes?

| Mean | 73.73 |
|--------------------|--------|
| Median | 80.00 |
| Mode | 100.00 |
| Standard Deviation | 25.78 |

| Q138 | Can you tell us if each of the following statements is true or false, or if you |
|------|---|
| | don't know? Antibiotics kill viruses as well as bacteria. |

| True | 188 | 24.1% |
|-----------------------|-----|-------|
| False (Correct) | 463 | 59.4 |
| *Don't Know/No Answer | 128 | 16.4 |

Q139 Human beings, as we know them today, developed from earlier species of

| True (Correct) | 329 | 42.2% |
|-----------------------|-----|-------|
| False | 280 | 35.9 |
| *Don't Know/No Answer | 170 | 21.8 |

Q140 All radioactivity is man-made.

| True | 127 | 16.3% |
|-----------------------|-----|-------|
| False (Correct) | 488 | 62.6 |
| *Don't Know/No Answer | 164 | 21.1 |

Q141 The coronavirus that causes COVID-19 was first identified in Wuhan, China.

| True (Correct) | 656 | 84.2% |
|-----------------------|-----|-------|
| False | 33 | 4.2 |
| *Don't Know/No Answer | 90 | 11.6 |

Q142 COVID-19 is a fatal health threat only to people who are over the age of 60.

| True | 96 | 12.3% |
|-----------------------|-----|-------|
| False (Correct) | 622 | 79.8 |
| *Don't Know/No Answer | 61 | 7.8 |

[ASK ALL:]

Q37_1 In the past 12 months, have you... Used a filter for your drinking water?

| Yes | 940 | 62.9% |
|-----|-----|-------|
| No | 555 | 37.1 |
| *ΝΔ | 10 | |

Q37 2 Read food labels to know more about their ingredients?

| Yes | 1185 | 79.3% |
|-----|------|-------|
| No | 310 | 20.7 |
| *NA | 10 | |

Q37_3 Avoided using insecticides in your home or garden?

| Yes | 861 | 57.6% |
|-----|-----|-------|
| No | 634 | 42.4 |
| *NA | 10 | |

Q37_4 Used fewer plastic straws?

| Yes | 992 | 66.4% |
|-----|-----|-------|
| No | 501 | 33.6 |
| *NA | 12 | |

Q83 How much do you trust the following sources of information to tell you the truth about health risks facing your community? ... Friends and family

| Do not trust at all | 65 | 4.3% |
|---------------------|-----|------|
| Trust slightly | 341 | 22.7 |
| Trust moderately | 576 | 38.4 |
| Trust very much | 357 | 23.8 |
| Trust completely | 162 | 10.8 |
| *NA | 4 | |

Q84 Scientists at universities

| Do not trust at all | 74 | 4.9% |
|---------------------|-----|------|
| Trust slightly | 165 | 11.0 |
| Trust moderately | 464 | 30.9 |
| Trust very much | 596 | 39.7 |
| Trust completely | 204 | 13.6 |
| *NA | 2 | |

Q85 Local media

| Do not trust at all | 310 | 20.6% |
|---------------------|-----|-------|
| Trust slightly | 455 | 30.3 |
| Trust moderately | 511 | 34.0 |
| Trust very much | 171 | 11.4 |
| Trust completely | 56 | 3.7 |
| *NA | 2 | |

Q88 Environmental groups

| Do not trust at all | 192 | 12.8% |
|---------------------|-----|-------|
| Trust slightly | 360 | 24.0 |
| Trust moderately | 529 | 35.3 |
| Trust very much | 316 | 21.1 |
| Trust completely | 100 | 6.7 |
| *NA | 8 | |

Q89 North Carolina Department of Environmental Quality

| Do not trust at all | 107 | 7.1% |
|---------------------|-----|------|
| Trust slightly | 278 | 18.5 |
| Trust moderately | 513 | 34.2 |
| Trust very much | 438 | 29.2 |
| Trust completely | 165 | 11.0 |
| *NA | 4 | |

Q90 North Carolina Department of Health & Human Services

| Do not trust at all | 96 | 6.4% |
|---------------------|-----|------|
| Trust slightly | 235 | 15.6 |
| Trust moderately | 490 | 32.6 |
| Trust very much | 490 | 32.6 |
| Trust completely | 191 | 12.7 |
| *NA | 3 | |

Q91 Chemical companies

| Do not trust at all | 640 | 42.6% |
|---------------------|-----|-------|
| Trust slightly | 432 | 28.7 |
| Trust moderately | 310 | 20.6 |
| Trust very much | 80 | 5.3 |
| Trust completely | 42 | 2.8 |
| *NA | 1 | |

Q41 How much do you agree or disagree with each of the following statements? ... The balance of nature is very delicate and easily upset.

| Strongly disagree | 41 | 2.7% |
|----------------------------|-----|------|
| Disagree | 137 | 9.1 |
| Neither agree nor disagree | 366 | 24.4 |
| Agree | 630 | 41.9 |
| Strongly agree | 329 | 21.9 |
| *NA | 2 | |

Q42 Humans have the right to modify the natural environment.

| Strongly disagree | 225 | 15.0% |
|----------------------------|-----|-------|
| Disagree | 439 | 29.2 |
| Neither agree nor disagree | 495 | 33.0 |
| Agree | 265 | 17.6 |
| Strongly agree | 78 | 5.2 |
| *NA | 3 | |

Q43 When humans interfere with nature, it often produces disastrous consequences.

| Strongly disagree | 25 | 1.7% |
|----------------------------|-----|------|
| Disagree | 116 | 7.7 |
| Neither agree nor disagree | 322 | 21.4 |
| Agree | 646 | 43.0 |
| Strongly agree | 394 | 26.2 |
| *NA | 2 | |

Q46 Most people can be trusted.

| Strongly disagree | 160 | 10.7% |
|----------------------------|-----|-------|
| Disagree | 320 | 21.3 |
| Neither agree nor disagree | 484 | 32.3 |
| Agree | 458 | 30.4 |
| Strongly agree | 78 | 5.2 |
| *NA | 5 | |

Q47 I believe local government looks out for my best interests.

| Strongly disagree | 235 | 15.7% |
|----------------------------|-----|-------|
| Disagree | 395 | 26.3 |
| Neither agree nor disagree | 522 | 34.8 |
| Agree | 285 | 19.0 |
| Strongly agree | 63 | 4.2 |
| *NA | 5 | |

Q49 When it comes to politics, local officials don't care much what people like me think.

| Strongly disagree | 55 | 3.7% |
|----------------------------|-----|------|
| Disagree | 230 | 15.3 |
| Neither agree nor disagree | 428 | 28.6 |
| Agree | 513 | 34.2 |
| Strongly agree | 273 | 18.2 |
| *NA | 6 | |

Q51 I have more self-confidence than most of my friends.

| Strongly disagree | 82 | 5.5% |
|----------------------------|-----|------|
| Disagree | 204 | 13.6 |
| Neither agree nor disagree | 593 | 39.6 |
| Agree | 484 | 32.3 |
| Strongly agree | 135 | 9.0 |
| *NA | 7 | |

Q53 I am influential in my neighborhood.

| Strongly disagree | 194 | 12.9% |
|----------------------------|-----|-------|
| Disagree | 402 | 26.8 |
| Neither agree nor disagree | 560 | 37.3 |
| Agree | 260 | 17.3 |
| Strongly agree | 84 | 5.6 |
| *NA | 5 | |

Q54 My friends and neighbors often ask my advice.

| 138 | 9.2% |
|-----|-------------------|
| 287 | 19.1 |
| 489 | 32.6 |
| 483 | 32.2 |
| 105 | 7.0 |
| 3 | |
| | 489 483 105 |

Q55_1 How about your participation in local political and community life? In the past two years, have you... Attended a public meeting or community forum?

| No | 1017 | 67.9% |
|-----|------|-------|
| Yes | 480 | 32.1 |
| *NA | 8 | |

Q55_2 Circulated a petition for an issue or candidate?

| No | 1146 | 76.6% |
|-----|------|-------|
| Yes | 350 | 23.4 |
| *NA | 9 | |

Q55_3 Voted in an election?

| No | 412 | 27.5% |
|-----|------|-------|
| Yes | 1084 | 72.5 |
| *NA | 9 | |

Q55_4 Contacted a public official?

| No | 996 | 66.3% |
|-----|-----|-------|
| Yes | 506 | 33.7 |
| *NA | 3 | |

Q55_5 Attended church services?

| No | 594 | 39.8% |
|-----|-----|-------|
| Yes | 897 | 60.2 |
| *NA | 14 | |

Q55_6 Participated in activities organized by a group in which you are an official member?

| No | 944 | 63.2% |
|-----|-----|-------|
| Yes | 550 | 36.8 |
| *NA | 11 | |

Q55_7 Attended a neighborhood meeting?

| No | 997 | 67.0% |
|-----|-----|-------|
| Yes | 492 | 33.0 |
| *NA | 16 | |

Q55 8 Participated in activities sponsored by a neighborhood association?

| No | 998 | 67.0% |
|-----|-----|-------|
| Yes | 492 | 33.0 |
| *NA | 15 | |

Q57 Do you rent or own your current residence?

| Rent | 447 | 29.8% |
|----------|------|-------|
| Own | 1010 | 67.3 |
| Not sure | 44 | 2.9 |
| *NA | 4 | |

Q58 What is the highest level of schooling you have completed?

| Less than high school | 21 | 1.4% |
|-------------------------|-----|------|
| High school graduate | 279 | 18.8 |
| Some college, no degree | 283 | 19.1 |
| 2-year college degree | 185 | 12.5 |
| 4-year college degree | 429 | 28.9 |
| Master's degree | 200 | 13.5 |
| Professional degree | 44 | 3.0 |
| Doctorate | 44 | 3.0 |
| *NA | 20 | |

Q59 The terms "liberal" and "conservative" may mean different things to different people depending on the kind of issue one is considering. How would you describe your views in terms of economic issues?

| Very liberal | 164 | 10.9% |
|----------------------------------|-----|-------|
| Somewhat liberal | 297 | 19.8 |
| Neither liberal nor conservative | 479 | 31.9 |
| Somewhat conservative | 343 | 22.9 |
| Very conservative | 217 | 14.5 |
| *NA | 5 | |

Q93 How would you describe your views in terms of social issues?

| Very liberal | 223 | 14.9% |
|----------------------------------|-----|-------|
| Somewhat liberal | 345 | 23.0 |
| Neither liberal nor conservative | 425 | 28.4 |
| Somewhat conservative | 317 | 21.1 |
| Very conservative | 189 | 12.6 |
| *NA | 6 | |

Q60 How much guidance does religion play in your everyday life?

| No guidance at all | 263 | 17.5% |
|-------------------------------|-----|-------|
| A little guidance | 285 | 19.0 |
| A moderate amount of guidance | 372 | 24.8 |
| A lot of guidance | 332 | 22.1 |
| Quite a bit of guidance | 250 | 16.6 |
| *NA | 3 | |

Q61 What is your sex?

| Male | 715 | 47.7% |
|--------|-----|-------|
| Female | 783 | 52.3 |
| *NA | 7 | |

Q62 Age (Year of birth subtracted from 2020)

| Mean | 46.70 |
|--------------------|-------|
| Median | 46.00 |
| Mode | 21.00 |
| Standard Deviation | 17.65 |

We would like an estimate of your total 2019 household income before taxes. Please estimate the combined income for all household members from all sources. In 2019, was your household income before taxes:

| Less than \$10k | 103 | 7.0% |
|--------------------|-----|------|
| \$10k to \$19.9k | 106 | 7.2 |
| \$20k to \$19.9k | 151 | 10.2 |
| \$30k to \$19.9k | 143 | 9.6 |
| \$40k to \$19.9k | 124 | 8.4 |
| \$50k to \$19.9k | 125 | 8.4 |
| \$60k to \$19.9k | 103 | 7.0 |
| \$70k to \$19.9k | 121 | 8.2 |
| \$80k to \$19.9k | 78 | 5.3 |
| \$90k to \$19.9k | 90 | 6.1 |
| \$100k to \$149.9k | 202 | 13.6 |
| \$150k or more | 136 | 9.2 |
| *NA | 23 | |

| Q65_1 | What is your race? |
|-------|--------------------|
|-------|--------------------|

| White | 1030 | 68.8% |
|-------------------------------------|------|-------|
| Black or African American | 307 | 20.5 |
| American Indian or Alaska Native | 13 | 0.9 |
| Asian | 44 | 2.9 |
| Native Hawaiian or Pacific Islander | 2 | 0.1 |
| Other | 44 | 2.9 |
| 2 or more races | 50 | 3.3 |
| 3 or more races | 7 | 0.5 |
| *NA | 8 | |

Q66 What is your ethnicity?

| Hispanic | 132 | 8.8% |
|--------------|------|------|
| Not Hispanic | 1360 | 91.2 |
| *NA | 13 | |

Q68 Have you participated in the GenX Exposure Study currently going on at NC State University?

| Yes | 100 | 6.6% |
|-----|------|------|
| No | 1396 | 93.3 |
| *NA | 9 | |

Variables Based on ZIP Codes:

| PopGroups4 | Participants divided by population density within county | | |
|--------------|--|-------------------------------|-------------------------------|
| | Most dense quartile Second most dense Third most dense quartile Least dense quartile *NA | 391 416 384 314 0 | 26.0% 27.6 25.5 20.9 |
| PopGroups3 | Participants divided by population density within county | | |
| | Most dense tertile Middle tertile Least dense tertile *NA | 507 579 419 0 | 33.3% 38.5 27.8 |
| Region_Group | North Carolina Three Regions | | |
| | Mountains Piedmont Coastal Plains *NA | 133 956 416 0 | 8.8% 63.5 27.6 |