

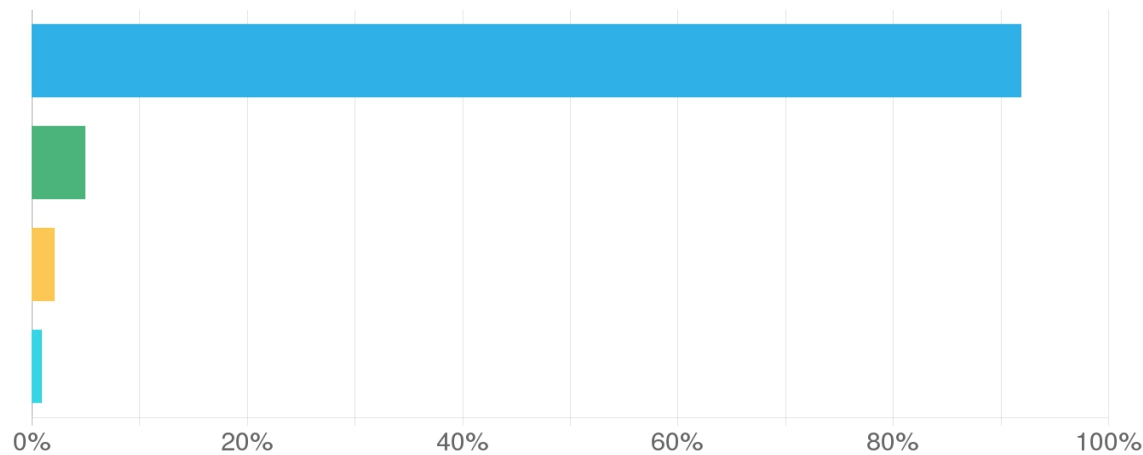
Pennsylvania Vote By Mail Survey

Toplines • 10.17.2020 - 10.20.2020

Performed by Citizen Data

The Pennsylvania Vote By Mail survey was conducted via 50/50 IVR and Online between October 17 - October 20 among a random sample of n=1000 likely voters in Pennsylvania. The survey has a margin of error of +/- 3.1 percentage points.

Q1: Vote History
Did you vote in the 2016 general election?
Sample Size: 999.99955



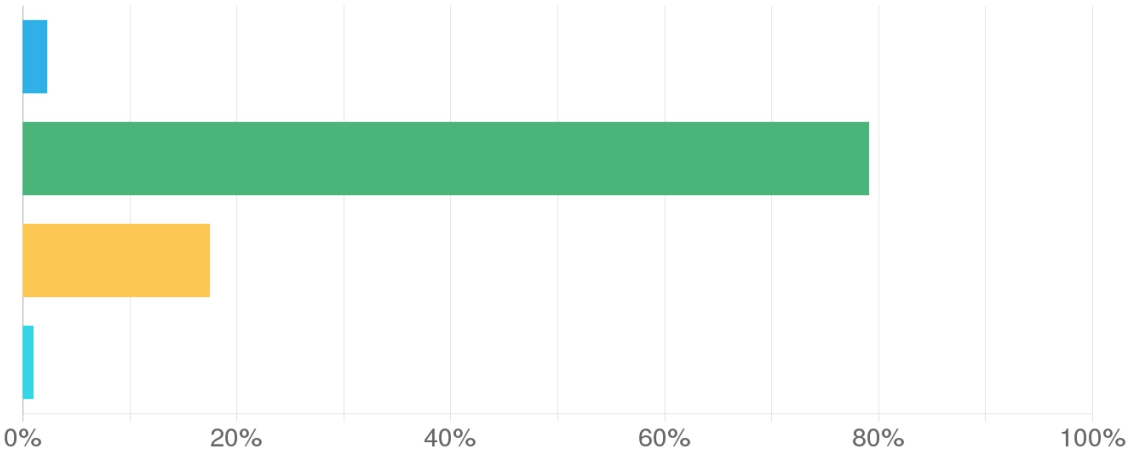
■ Yes ■ No ■ Was not eligible ■ Undecided/Don't Know

| Value | Frequency | Percent |
|----------------------|-----------|---------|
| Yes | 920 | 91.96% |
| No | 50 | 4.97% |
| Was not eligible | 21 | 2.14% |
| Undecided/Don't Know | 9 | 0.93% |
| Total | 1,000 | 100% |

Q2: Voter Propensity

The general election will take place in November of this year. How likely are you to vote in the November general election?

Sample Size: 999.99955



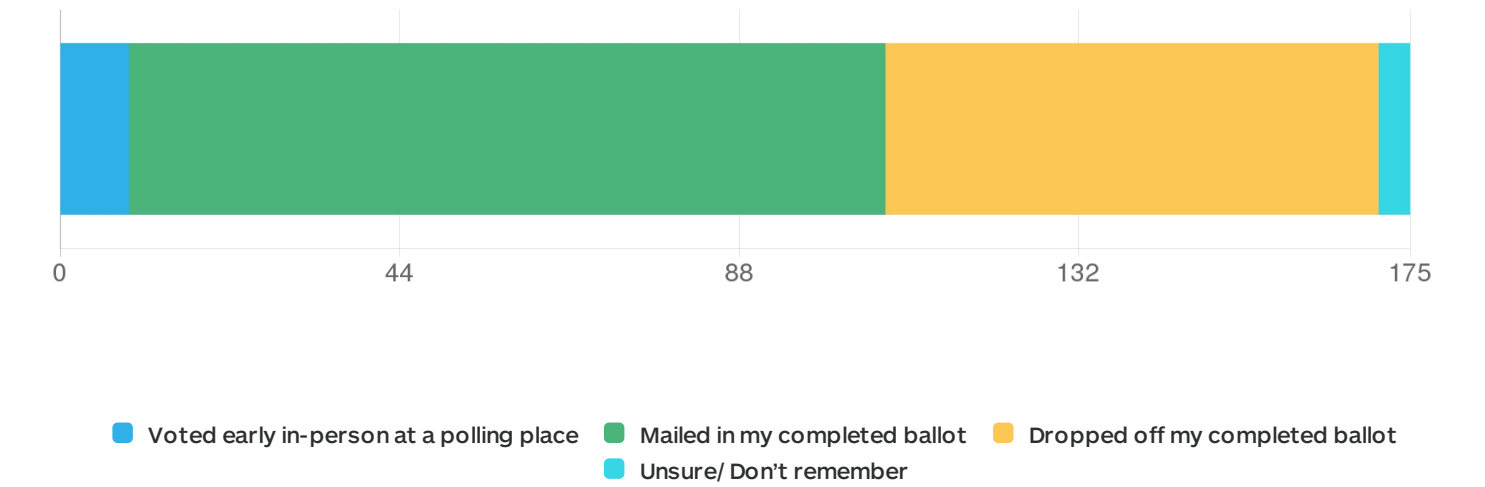
Somewhat likely to vote Very likely to vote Already voted Undecided/Don't Know

| Value | Frequency | Percent |
|-------------------------|-----------|---------|
| Somewhat likely to vote | 23 | 2.3% |
| Very likely to vote | 792 | 79.16% |
| Already voted | 175 | 17.53% |
| Undecided/Don't Know | 10 | 1.01% |
| Total | 1,000 | 100% |

Q3: (Already Voted) Vote Method

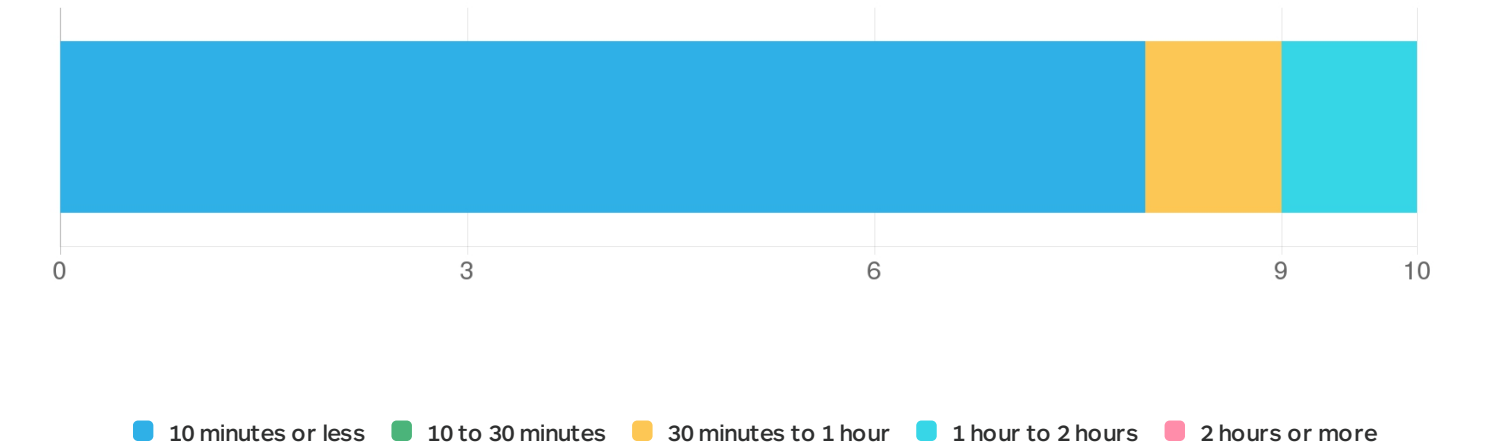
How did you vote in the 2020 general election?

Sample Size: 999.99955



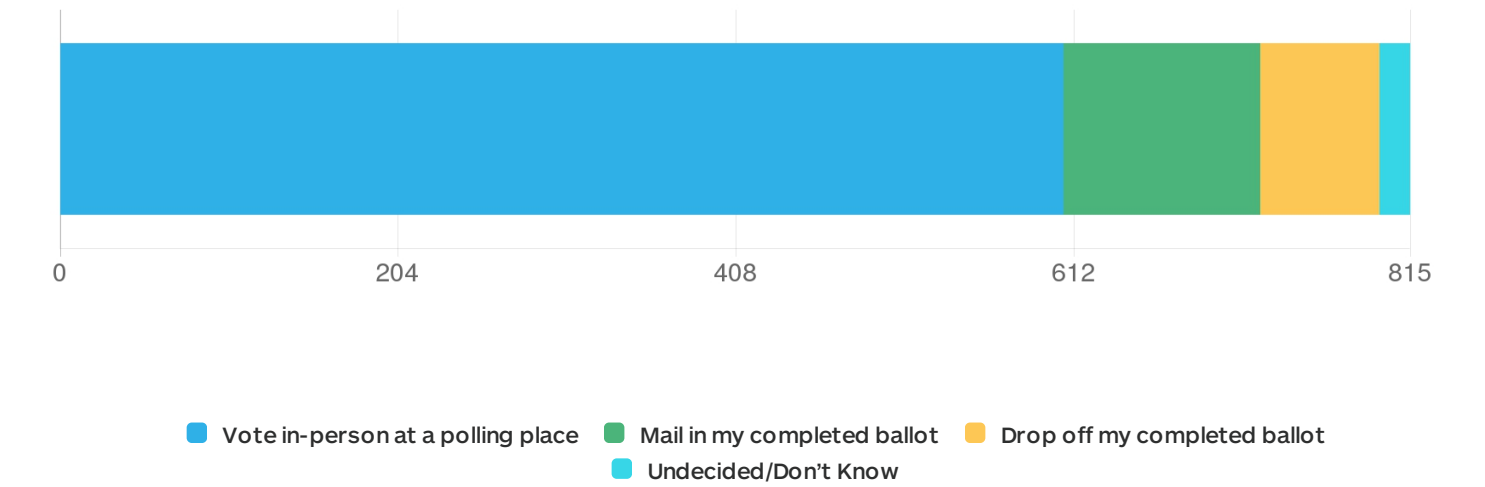
| Value | Frequency | Percent |
|--|-----------|---------|
| Voted early in-person at a polling place | 9 | 5.24% |
| Mailed in my completed ballot | 98 | 56.05% |
| Dropped off my completed ballot | 64 | 36.66% |
| Unsure/ Don't remember | 4 | 2.05% |
| Total | 175 | 100% |

Q4: Early In-Person Voting
How long did you wait in line to vote at your polling place?
Sample Size: 999.99955



| Value | Frequency | Percent |
|----------------------|-----------|---------|
| 10 minutes or less | 8 | 87.05% |
| 10 to 30 minutes | 0 | 0% |
| 30 minutes to 1 hour | 1 | 6.23% |
| 1 hour to 2 hours | 1 | 6.73% |
| 2 hours or more | 0 | 0% |
| Total | 9 | 100% |

Q5: Vote Method
How do you plan to vote in the November general election?
Sample Size: 999.99955

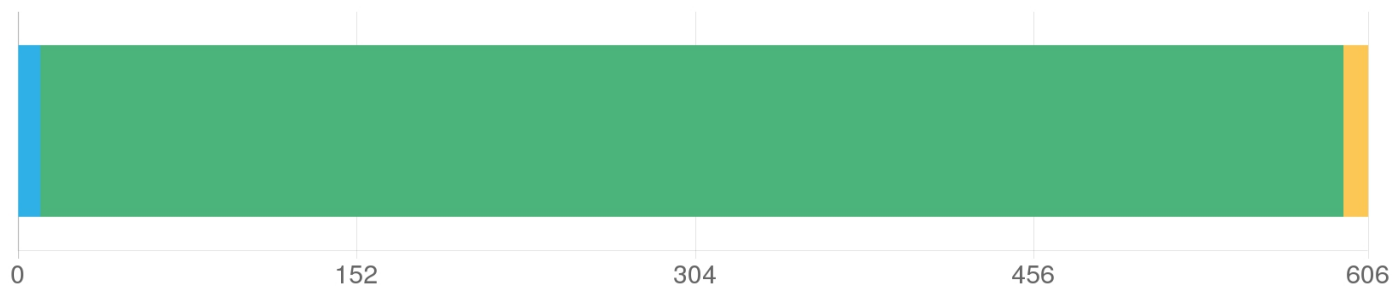


| Value | Frequency | Percent |
|-----------------------------------|-----------|---------|
| Vote in-person at a polling place | 606 | 74.37% |
| Mail in my completed ballot | 119 | 14.6% |
| Drop off my completed ballot | 72 | 8.85% |
| Undecided/Don't Know | 18 | 2.19% |
| Total | 815 | 100% |

Q6: Vote Plan

Do you plan to vote early before November 3rd or on November 3rd, Election Day?

Sample Size: 999.99955



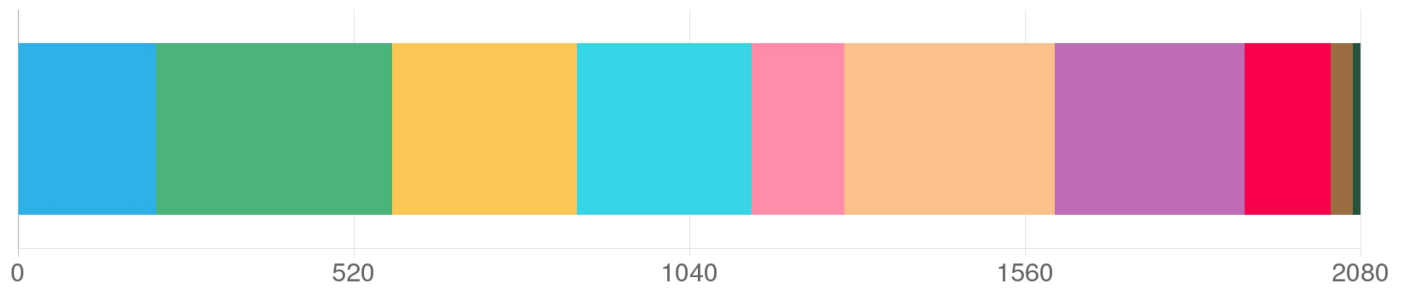
■ Early before November 3rd ■ On November 3rd, Election Day ■ Undecided/Don't Know

| Value | Frequency | Percent |
|-------------------------------|------------|-------------|
| Early before November 3rd | 10 | 1.7% |
| On November 3rd, Election Day | 585 | 96.49% |
| Undecided/Don't Know | 11 | 1.81% |
| Total | 606 | 100% |

Q7: Vote by mail

In the past month, where have you seen or heard about your options to vote by mail?

Sample Size: 999.99955



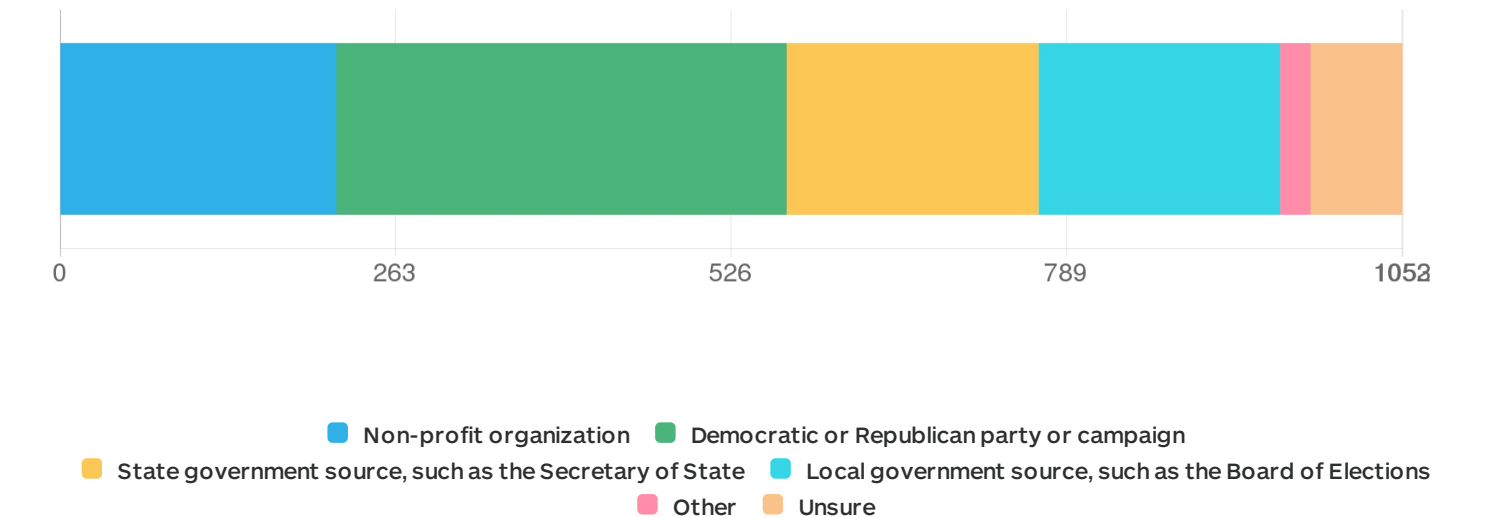
■ Radio
 ■ TV
 ■ Online News
 ■ Online Ad
 ■ Newspaper or magazine
 ■ Mail
 ■ Facebook or other social media
 ■ Yard sign or billboard
 ■ Other
 ■ Unsure/None

| Value | Frequency | Percent |
|------------------------------------|-----------|---------|
| Radio | 215 | 10.35% |
| TV | 365 | 17.54% |
| Online News | 286 | 13.77% |
| Online Ad | 270 | 12.99% |
| Newspaper or magazine | 145 | 6.95% |
| Mail | 325 | 15.61% |
| Facebook or other social media | 295 | 14.17% |
| Yard sign or billboard | 133 | 6.39% |
| Other | 34 | 1.65% |
| Unsure/None | 12 | 0.57% |
| Total Respondents 999.99955 | | |

Q8: Vote by mail source

In the past month, from which of the following have you seen or heard information about how to vote by mail in your state or county?

Sample Size: 999.99955

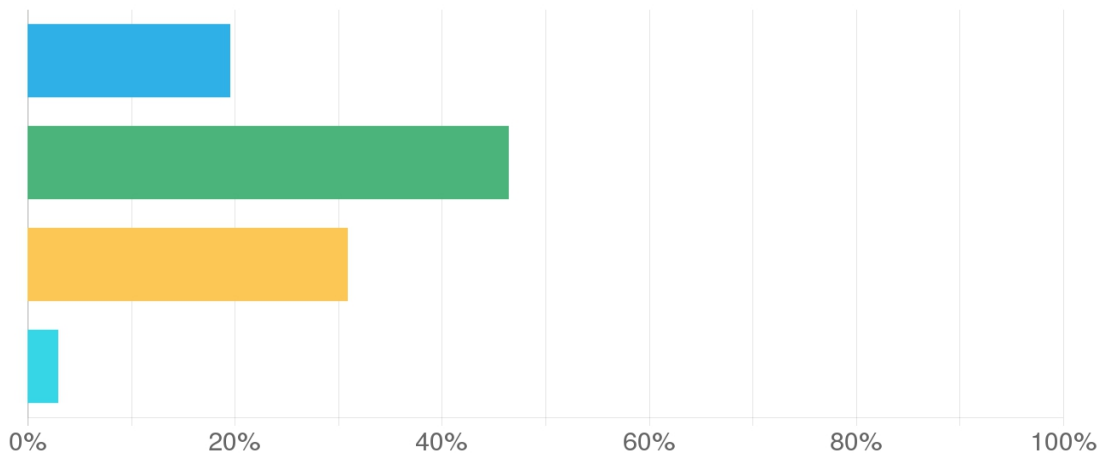


| Value | Frequency | Percent |
|---|-----------|---------|
| Non-profit organization | 217 | 20.62% |
| Democratic or Republican party or campaign | 353 | 33.52% |
| State government source, such as the Secretary of State | 198 | 18.78% |
| Local government source, such as the Board of Elections | 189 | 17.95% |
| Other | 24 | 2.27% |
| Unsure | 72 | 6.85% |
| Total Respondents 999.99955 | | |

Q9: Vote by mail likelihood

In the last month, has what you’ve seen or heard about voting by mail made you more or less likely to vote by mail?

Sample Size: 999.99955



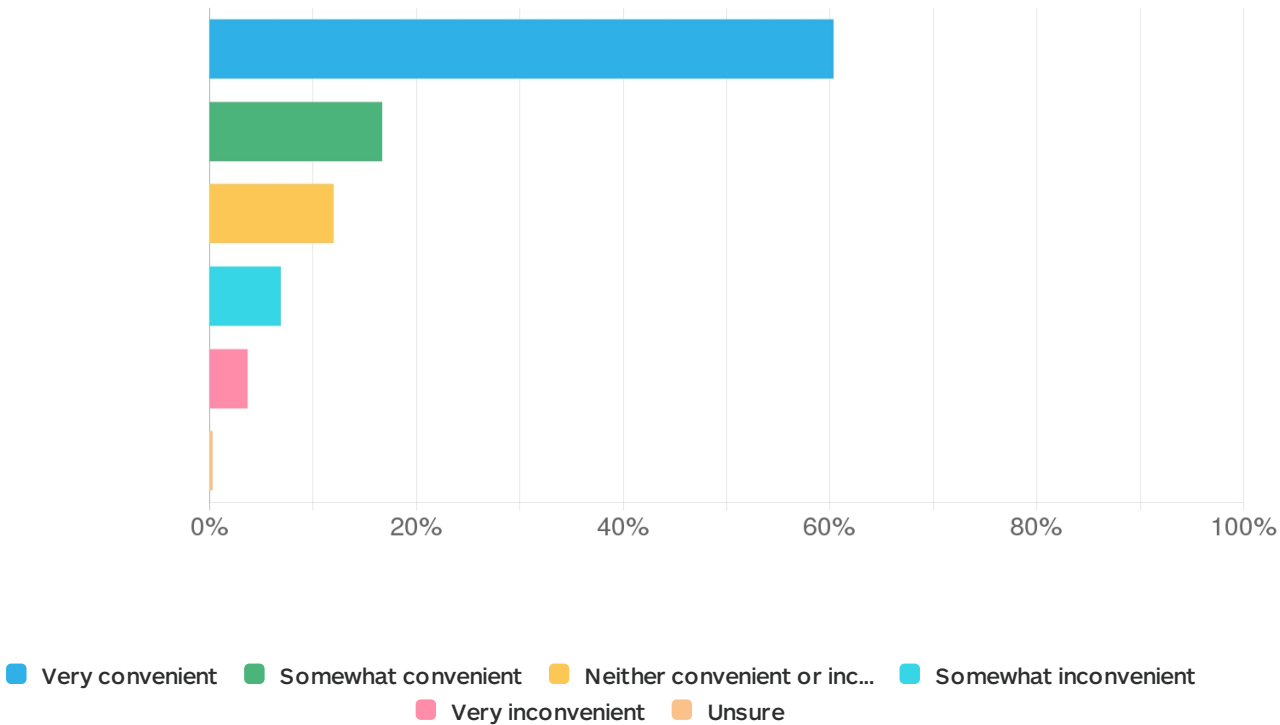
More likely to vote by ma... Less likely to vote by ma... No change Unsure

| Value | Frequency | Percent |
|-----------------------------|-----------|---------|
| More likely to vote by mail | 196 | 19.6% |
| Less likely to vote by mail | 465 | 46.47% |
| No change | 309 | 30.94% |
| Unsure | 30 | 3% |
| Total | 1,000 | 100% |

Q10: Voting convenience

When it comes to your personal experience, would you say that voting in general is convenient or inconvenient?

Sample Size: 999.99955

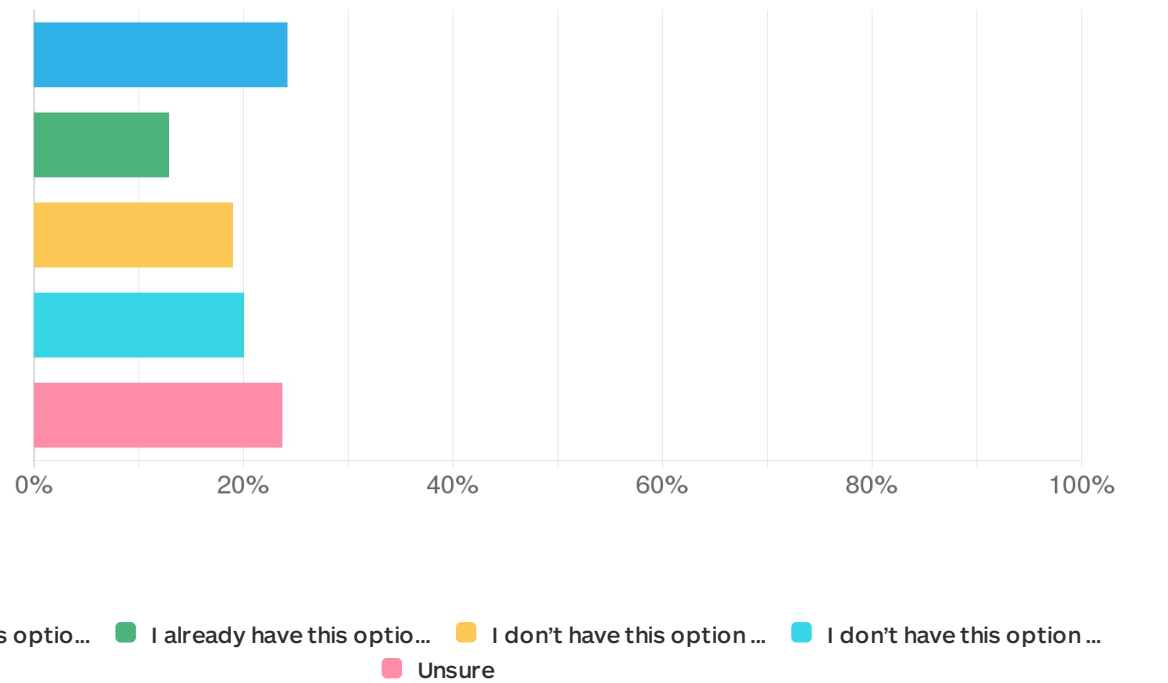


| Value | Frequency | Percent |
|------------------------------------|-----------|---------|
| Very convenient | 604 | 60.35% |
| Somewhat convenient | 167 | 16.69% |
| Neither convenient or inconvenient | 121 | 12.05% |
| Somewhat inconvenient | 69 | 6.9% |
| Very inconvenient | 37 | 3.68% |
| Unsure | 3 | 0.33% |
| Total | 1,000 | 100% |

Q11: Secure Ballot Tracking System

If given the option, would you use a secure ballot tracking system to confirm the status of your mail ballot?

Sample Size: 999.99955

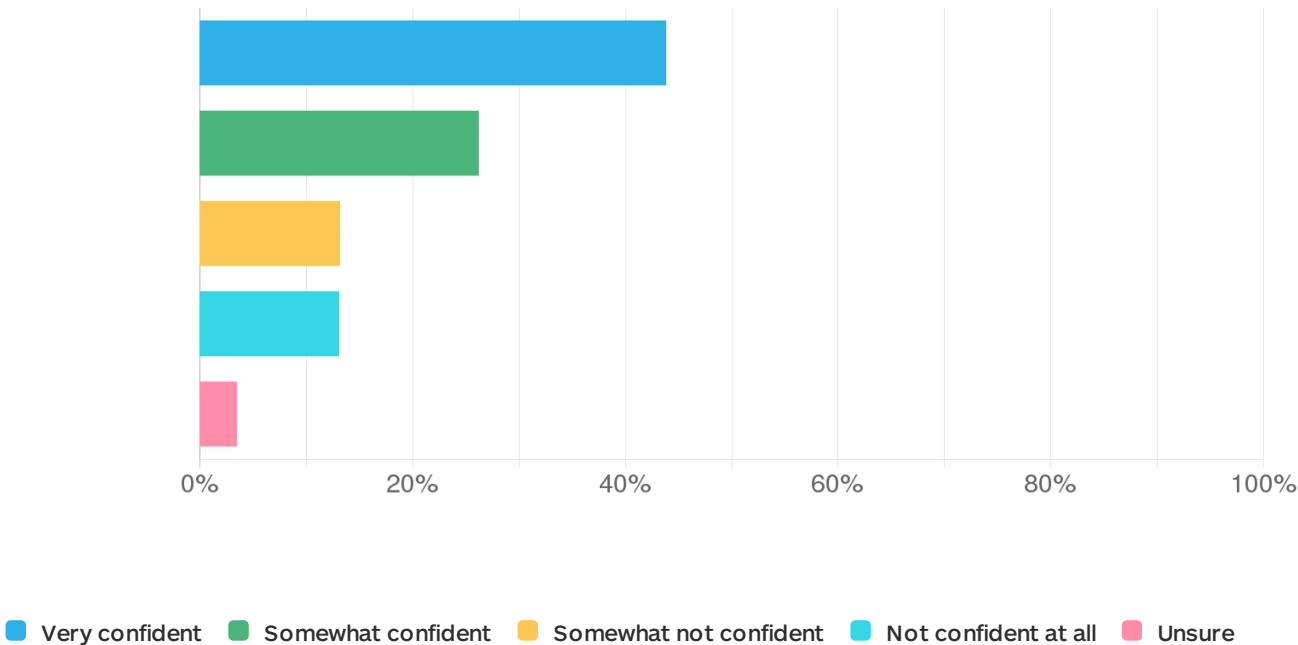


| Value | Frequency | Percent |
|--|-----------|---------|
| I already have this option and use it | 242 | 24.24% |
| I already have this option and don't use it | 129 | 12.89% |
| I don't have this option but would use it | 190 | 19.03% |
| I don't have this option and wouldn't use it | 201 | 20.11% |
| Unsure | 237 | 23.73% |
| Total | 1,000 | 100% |

Q12: Election Accuracy

How confident are you that election officials will count and report your vote accurately?

Sample Size: 999.99955

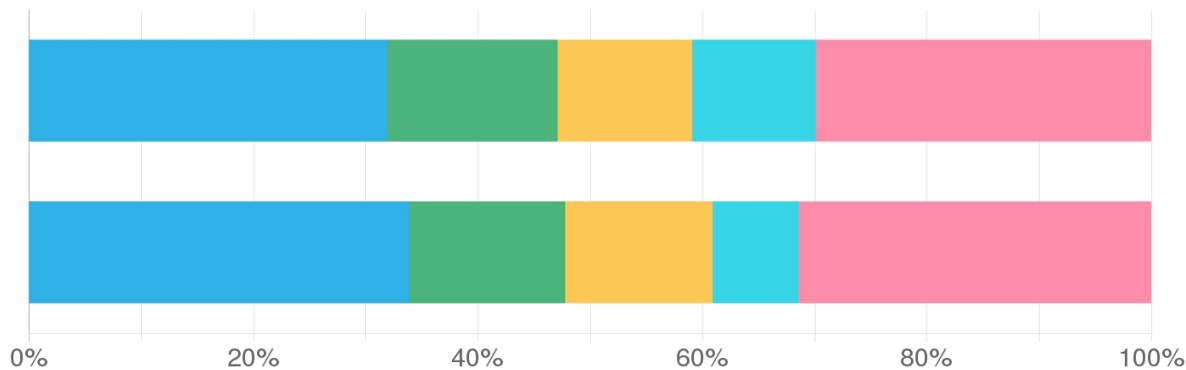


| Value | Frequency | Percent |
|------------------------|-----------|---------|
| Very confident | 438 | 43.85% |
| Somewhat confident | 263 | 26.3% |
| Somewhat not confident | 132 | 13.22% |
| Not confident at all | 131 | 13.14% |
| Unsure | 35 | 3.5% |
| Total | 1,000 | 100% |

Q13: Vote by mail safety

For the following statements, please indicate whether you agree or disagree:

Sample Size: 999.99955



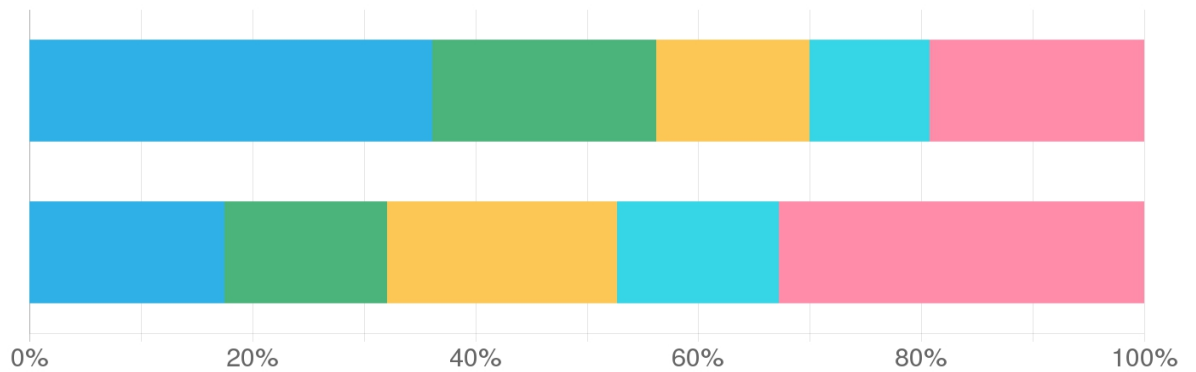
Strongly agree Somewhat agree Neutral/ Undecided/Neither Somewhat disagree Strongly disagree

| | Strongly agree | Somewhat agree | Neutral/ Undecided/Neither | Somewhat disagree | Strongly disagree | Total |
|--|----------------|----------------|----------------------------|-------------------|-------------------|---------------|
| R1 Voting by mail is safe, secure, and reliable | 31.98% 320 | 15.17% 152 | 11.94% 119 | 11.03% 110 | 29.87% 299 | 100% 1,000 |
| R2 Voting by mail is prone to fraud and unreliable | 33.94% 339 | 13.85% 139 | 13.12% 131 | 7.7% 77 | 31.39% 314 | 100% 1,000 |

Q14: USPS Capability

For the following statements, please indicate whether you agree or disagree:

Sample Size: 999.99955



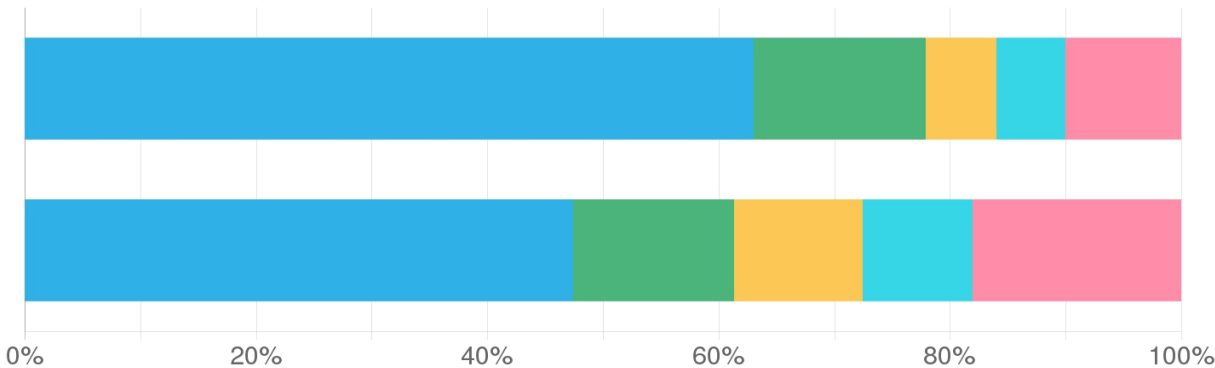
■ Strongly agree
 ■ Somewhat agree
 ■ Neutral/ Undecided/Neither
 ■ Somewhat disagree
 ■ Strongly disagree

| | Strongly agree | Somewhat agree | Neutral/ Undecided/Neither | Somewhat disagree | Strongly disagree | Total |
|---|----------------|----------------|-------------------------------|----------------------|-------------------|---------------|
| R1 USPS is capable of receiving and delivering mail ballots | 36.15% 362 | 20.07% 201 | 13.72% 137 | 10.83% 108 | 19.23% 192 | 100% 1,000 |
| R2 USPS is unreliable and untrustworthy for receiving and delivering mail ballots | 17.52% 175 | 14.59% 146 | 20.59% 206 | 14.56% 146 | 32.74% 327 | 100% 1,000 |

Q15: Election Results

For the following statements, please indicate whether you agree or disagree:

Sample Size: 999.99955



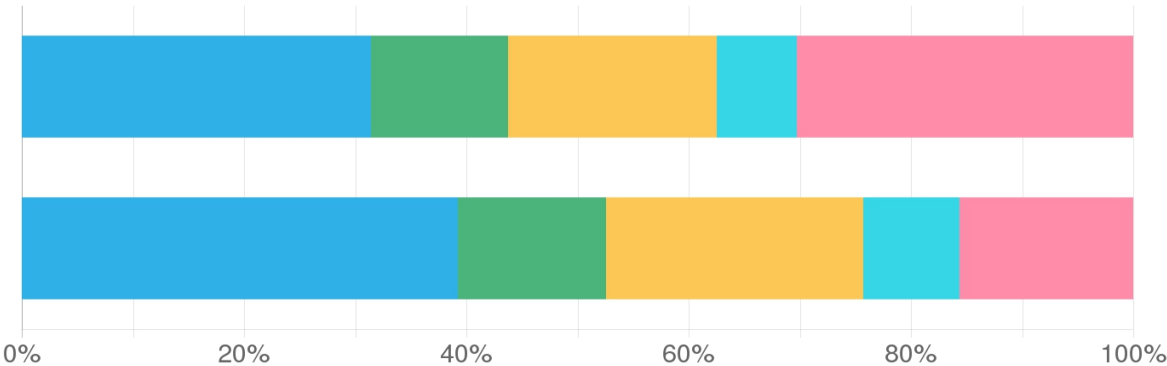
Strongly agree Somewhat agree Neutral/ Undecided/Neither Somewhat disagree Strongly disagree

| | Strongly agree | Somewhat agree | Neutral/ Undecided/Neither | Somewhat disagree | Strongly disagree | Total |
|--|----------------|----------------|----------------------------|-------------------|-------------------|---------------|
| R1 It's important for election officials to take as much time as they need to ensure all ballots are counted | 63.04% 630 | 14.85% 149 | 6.13% 61 | 5.93% 59 | 10.05% 100 | 100% 1,000 |
| R2 It's important for election officials to certify election results immediately after Election Day | 47.4% 474 | 13.91% 139 | 11.12% 111 | 9.56% 96 | 18.01% 180 | 100% 1,000 |

Q16: Political Party Ballot Counting

For the following statements, please indicate whether you agree or disagree:

Sample Size: 999.99955



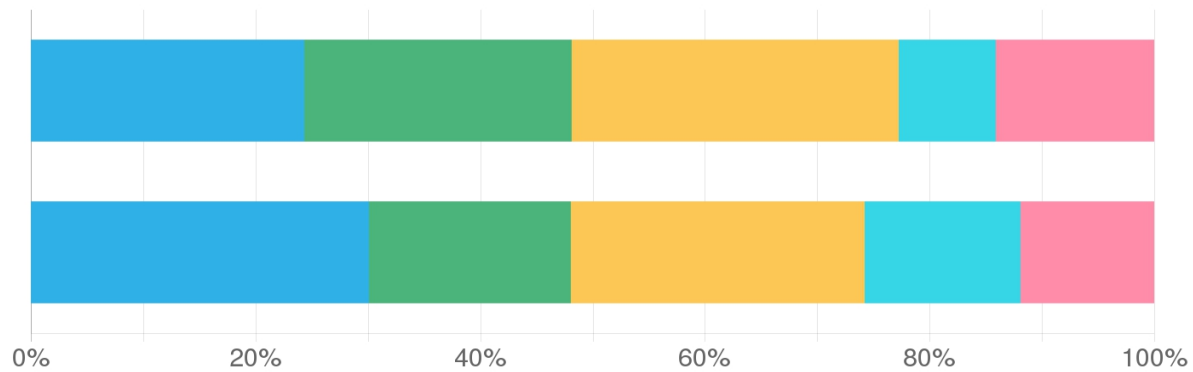
Strongly agree Somewhat agree Neutral/ Undecided/Neither Somewhat disagree Strongly disagree

| | Strongly agree | Somewhat agree | Neutral/ Undecided/Neither | Somewhat disagree | Strongly disagree | Total |
|---|----------------|----------------|----------------------------|-------------------|-------------------|---------------|
| R1 Political parties should be allowed to oversee the ballot counting process | 31.42% 314 | 12.32% 123 | 18.82% 188 | 7.14% 71 | 30.3% 303 | 100% 1,000 |
| R2 Political parties overseeing ballot counting is detrimental to a fair election | 39.23% 392 | 13.34% 133 | 23.12% 231 | 8.65% 87 | 15.65% 157 | 100% 1,000 |

Q17: Winning Margin

For the following statements, please indicate whether you agree or disagree:

Sample Size: 999.99955



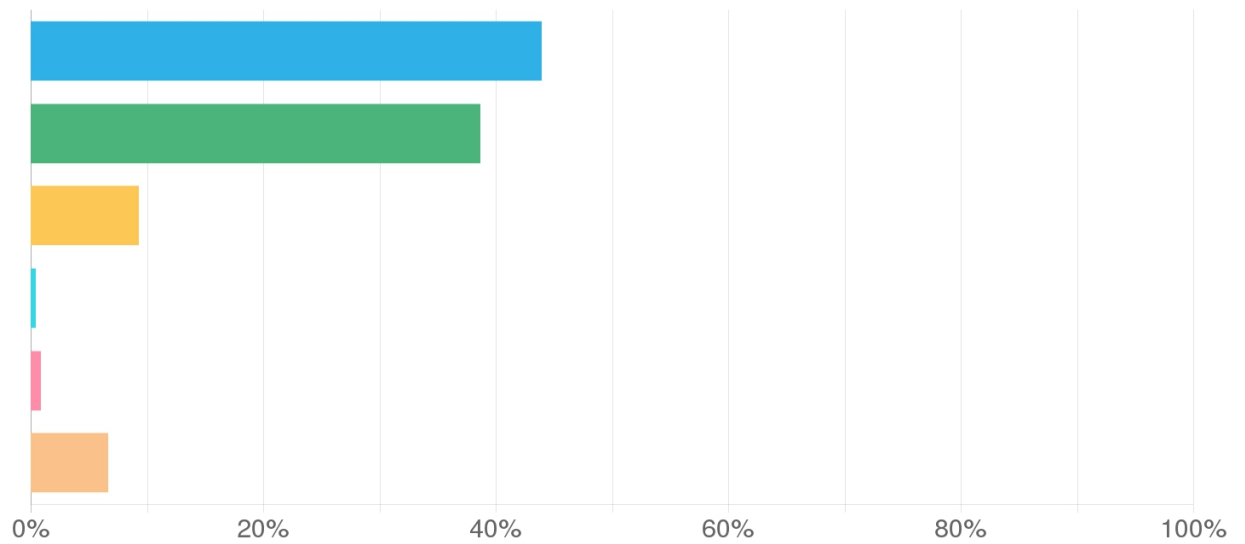
Strongly agree Somewhat agree Neutral/ Undecided/ Neither Somewhat disagree Strongly disagree

| | Strongly agree | Somewhat agree | Neutral/ Undecided/ Neither | Somewhat disagree | Strongly disagree | Total |
|---|----------------|----------------|-----------------------------|-------------------|-------------------|---------------|
| R1 If the winning margin is very narrow, the losing candidate should contest results and demand a recount | 24.36% 244 | 23.81% 238 | 29.05% 291 | 8.67% 87 | 14.1% 141 | 100% 1,000 |
| R2 Even if the winning margin is very narrow, the losing candidate should accept the results | 30.13% 301 | 17.96% 180 | 26.16% 262 | 13.88% 139 | 11.87% 119 | 100% 1,000 |

Q18: Presidential Ballot

Who do you support for president this year?

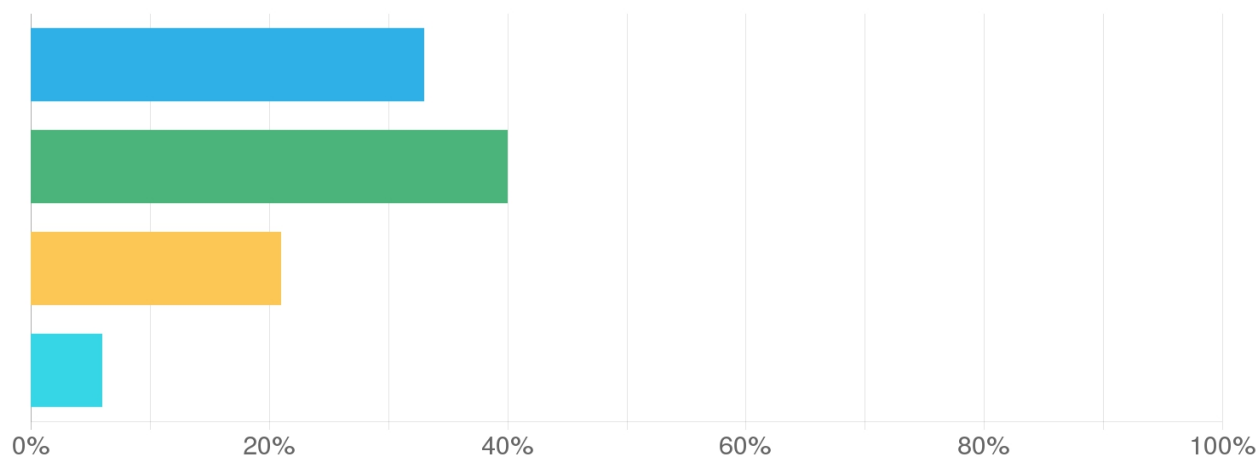
Sample Size: 999.99955



Joe Biden Donald Trump Jo Jorgensen Howie Hawkins Other Unsure

| Value | Frequency | Percent |
|---------------|-----------|---------|
| Joe Biden | 440 | 43.99% |
| Donald Trump | 387 | 38.67% |
| Jo Jorgensen | 93 | 9.32% |
| Howie Hawkins | 5 | 0.46% |
| Other | 9 | 0.9% |
| Unsure | 67 | 6.67% |
| Total | 1,000 | 100% |

Q19: Party
How do you identify politically?
Sample Size: 999.99955



Republican Democrat Non-partisan Don't know

| Value | Frequency | Percent |
|--------------|-----------|---------|
| Republican | 330 | 33% |
| Democrat | 400 | 40% |
| Non-partisan | 210 | 21% |
| Don't know | 60 | 6% |
| Total | 1,000 | 100% |

Q20: Political Lean

If you had to choose, which way do you lean?

Sample Size: 999.99955



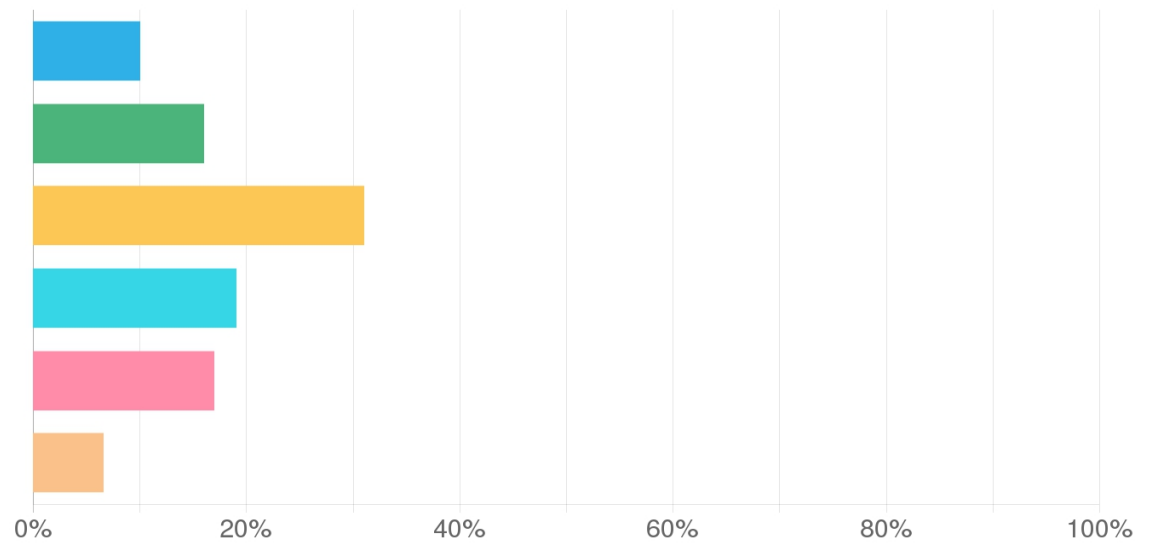
■ Republican
 ■ Democrat
 ■ Don't know

| Value | Frequency | Percent |
|------------|-----------|---------|
| Republican | 101 | 37.54% |
| Democrat | 65 | 23.93% |
| Don't know | 104 | 38.53% |
| Total | 270 | 100% |

Q21: Ideology

On political issues, do you generally think of yourself as:

Sample Size: 999.99955



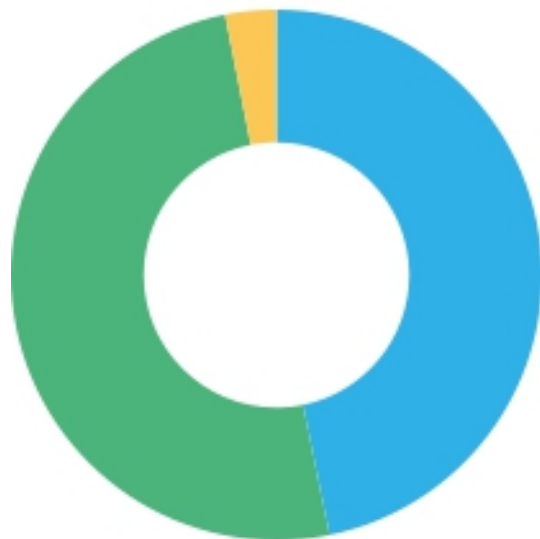
Very liberal Somewhat liberal Moderate Somewhat conservative Very conservative Don't know

| Value | Frequency | Percent |
|-----------------------|-----------|---------|
| Very liberal | 101 | 10.09% |
| Somewhat liberal | 161 | 16.08% |
| Moderate | 311 | 31.11% |
| Somewhat conservative | 191 | 19.07% |
| Very conservative | 170 | 17.02% |
| Don't know | 66 | 6.63% |
| Total | 1,000 | 100% |

Q22: Gender

For demographic purposes, how do you identify?

Sample Size: 999.99955



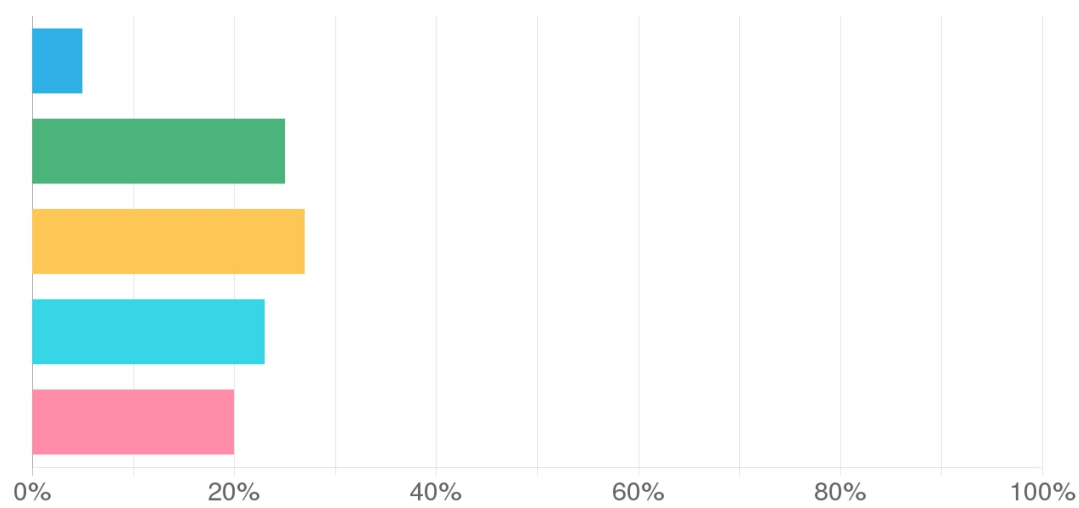
Male Female Other

| Value | Frequency | Percent |
|--------|-----------|---------|
| Male | 468 | 46.8% |
| Female | 501 | 50.1% |
| Other | 31 | 3.1% |
| Total | 1,000 | 100% |

Q23: Education

What is the highest level of education you have attained?

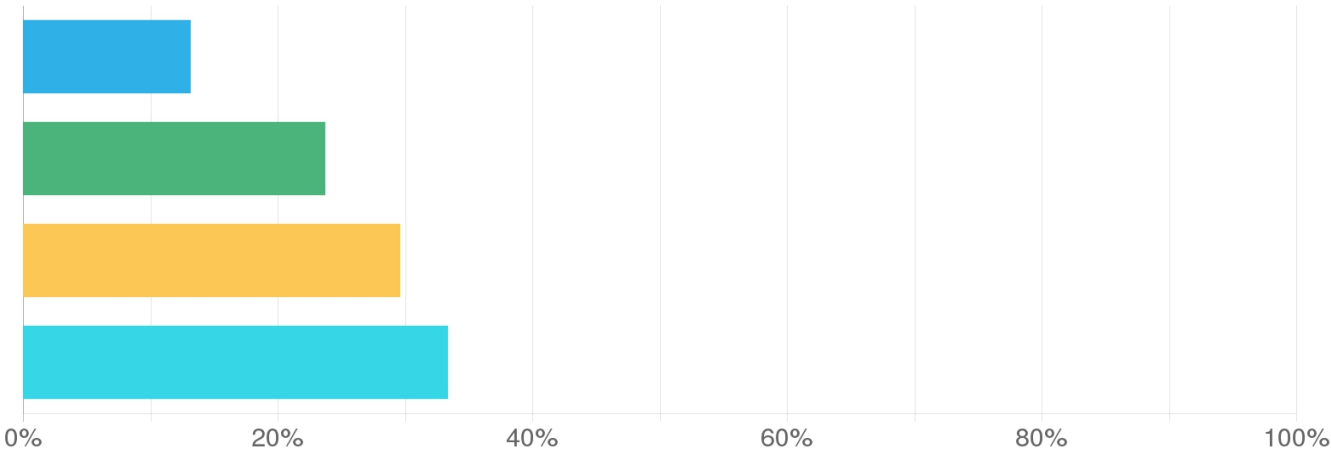
Sample Size: 999.99955



Some high school High School degree Some College Bachelor's Degree Some graduate school or g...

| Value | Frequency | Percent |
|---|-----------|---------|
| Some high school | 50 | 5% |
| High School degree | 250 | 25% |
| Some College | 270 | 27% |
| Bachelor's Degree | 230 | 23% |
| Some graduate school or graduate degree | 200 | 20% |
| Total | 1,000 | 100% |

Q24: Age
What is your age?
Sample Size: 999.99955

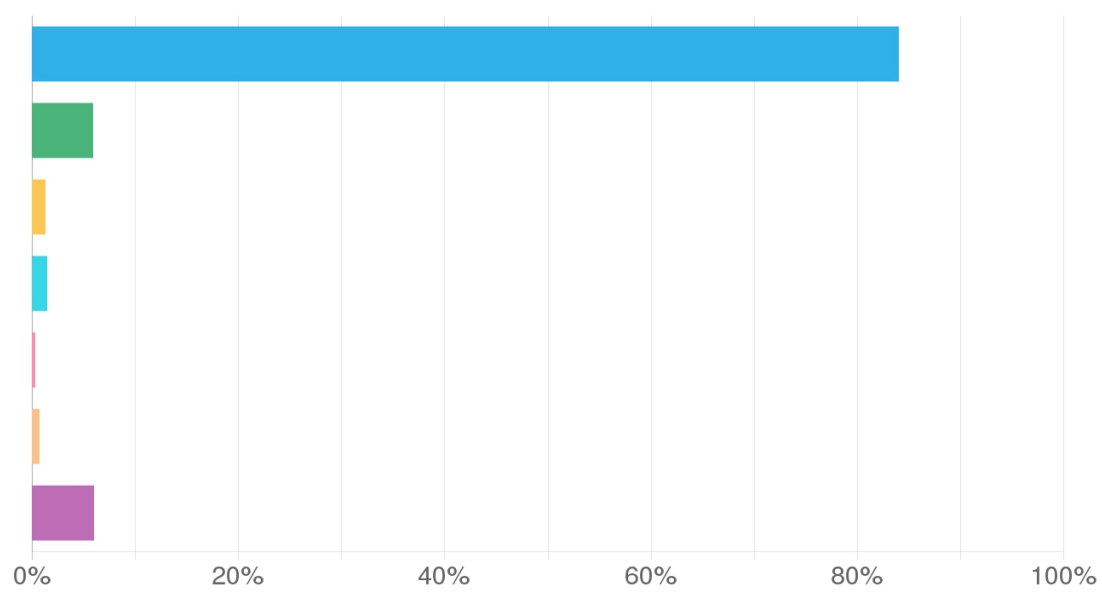


| Value | Frequency | Percent |
|-------|-----------|---------|
| 18-34 | 132 | 13.21% |
| 35-54 | 238 | 23.78% |
| 55-64 | 296 | 29.62% |
| 65+ | 334 | 33.4% |
| Total | 1,000 | 100% |

Q25: Ethnicity

Finally, what is your race or ethnicity?

Sample Size: 999.99955



White Black Hispanic Asian/Hawaiian/Pacific Is... Middle Eastern Native American Other

| Value | Frequency | Percent |
|---------------------------------|-----------|---------|
| White | 841 | 84.06% |
| Black | 60 | 5.96% |
| Hispanic | 13 | 1.34% |
| Asian/Hawaiian/Pacific Islander | 15 | 1.47% |
| Middle Eastern | 3 | 0.34% |
| Native American | 8 | 0.76% |
| Other | 61 | 6.07% |
| Total | 1,000 | 100% |