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OVERVIEW

The study was conducted for CNN via telephone by SSRS, an independent research company. Interviews were conducted from October 15 to October 20, 2020 among a sample of **1,015** respondents who live in Pennsylvania. The landline total respondents were **345** and there were **670** cell phone respondents. The margin of sampling error for total respondents is ± 3.7 at the 95% confidence level. The design effect is 1.42. For results among the 925 registered voters, the margin of sampling error is ± 3.9 and for results among the 843 likely voters, it is ± 4.0 . More information about SSRS can be obtained by visiting www.ssrs.com.

Question text noted in parentheses was rotated or randomized. Values less than 0.5 percent are indicated by an asterisk (*).

NOTE ABOUT CROSTABS

Interviews were conducted among a representative sample of the adult population, age 18 or older, of Pennsylvania. Members of demographic groups not shown in the published crosstabs are represented in the results for each question in the poll. Crosstabs on the pages that follow only include results for subgroups with a minimum $n=125$ unweighted cases. Results for subgroups with fewer than $n=125$ unweighted cases are not displayed and instead are denoted with "SN" because samples of that size carry larger margins of sampling error and can be too small to be projectable with confidence to their true values in the population.

EMBARGOED FOR RELEASE:

Wednesday, October 21 at 4:00 p.m.



(Respondents who are registered to vote, N=925)

P1. Suppose that the presidential election were being held today and you had to choose between Joe Biden and Kamala Harris as the Democratic Party’s candidates, Donald Trump and Mike Pence as the Republican Party’s candidates, and Jo Jorgensen and Spike Cohen, the Libertarians. Who would you be more likely to vote for?

P1a. As of today, do you lean more toward...

[MAJOR PARTY OPTIONS ALWAYS FIRST AND ROTATED IN ORDER FOR HALF/IN REVERSE ORDER FOR HALF]

P1/P1A COMBO TABLE

| | Biden/ Harris (D) | Trump/ Pence (R) | Jorgensen/ Cohen (Lib.) | Other (vol.) | None of these (vol.) | No opinion |
|--------------------------|-------------------------|------------------------|-------------------------------|--------------|-------------------------|------------|
| Likely Voters | | | | | | |
| October 15-20, 2020 | 53% | 43% | 2% | 1% | * | 1% |
| | | | | | | |
| Registered Voters | | | | | | |
| October 15-20, 2020 | 50% | 45% | 2% | 1% | 1% | 1% |



A1. Do you approve or disapprove of the way Donald Trump is handling his job as president?

| | Approve | Disapprove | No opinion |
|--------------------------|----------------|-------------------|-------------------|
| Likely Voters | | | |
| October 15-20, 2020 | 44% | 54% | 2% |
| | | | |
| Registered Voters | | | |
| October 15-20, 2020 | 46% | 52% | 2% |
| | | | |
| Total Respondents | | | |
| October 15-20, 2020 | 45% | 51% | 4% |



(Respondents who are registered to vote, N=925)

P9. How enthusiastic would you say you are about voting for president in this year’s election -- extremely enthusiastic, very enthusiastic, somewhat enthusiastic, not too enthusiastic, or not at all enthusiastic?

| | Extremely enthusiastic | Very enthusiastic | Somewhat enthusiastic | Not too enthusiastic | Not at all enthusiastic | No opinion |
|--------------------------|------------------------|-------------------|-----------------------|----------------------|-------------------------|------------|
| Likely Voters | | | | | | |
| October 15-20, 2020 | 57% | 23% | 10% | 5% | 4% | * |
| | | | | | | |
| Registered Voters | | | | | | |
| October 15-20, 2020 | 53% | 23% | 11% | 6% | 7% | * |



(Respondents who are registered to vote, N=925)

P7. Now I'm going to mention a few issues and for each one, please tell me if you think (Joe Biden) or (Donald Trump) would better handle that issue if they were elected President. **[ITEMS READ IN RANDOM ORDER]**

| The economy | Biden | Trump | Neither (vol.) | No opinion |
|--------------------------|--------------|--------------|-----------------------|-------------------|
| Likely Voters | | | | |
| October 15-20, 2020 | 48% | 50% | 1% | 1% |
| | | | | |
| Registered Voters | | | | |
| October 15-20, 2020 | 45% | 52% | 1% | 2% |

| The response to the coronavirus outbreak | Biden | Trump | Neither (vol.) | No opinion |
|---|--------------|--------------|-----------------------|-------------------|
| Likely Voters | | | | |
| October 15-20, 2020 | 54% | 42% | 2% | 2% |
| | | | | |
| Registered Voters | | | | |
| October 15-20, 2020 | 52% | 44% | 3% | 2% |

| Racial inequality in the U.S. | Biden | Trump | Neither (vol.) | No opinion |
|--------------------------------------|--------------|--------------|-----------------------|-------------------|
| Likely Voters | | | | |
| October 15-20, 2020 | 58% | 39% | 3% | 1% |
| | | | | |
| Registered Voters | | | | |
| October 15-20, 2020 | 56% | 40% | 3% | 1% |

| Nominations to the Supreme Court | Biden | Trump | Neither (vol.) | No opinion |
|---|--------------|--------------|-----------------------|-------------------|
| Likely Voters | | | | |
| October 15-20, 2020 | 51% | 45% | 2% | 2% |
| | | | | |
| Registered Voters | | | | |
| October 15-20, 2020 | 49% | 47% | 2% | 2% |



(Respondents who are registered to vote, N=925)

P8. Thinking about the following characteristics and qualities, please say whether you think each one applies more to (Joe Biden) or more to (Donald Trump). Please feel free to name a candidate even if you may not support him.

[ITEMS READ IN RANDOM ORDER]

| Will unite the country and not divide it | Biden | Trump | Both (vol.) | Neither (vol.) | No opinion |
|--|-------|-------|-------------|----------------|------------|
| Likely Voters | | | | | |
| October 15-20, 2020 | 58% | 35% | * | 6% | 1% |
| Registered Voters | | | | | |
| October 15-20, 2020 | 55% | 37% | * | 7% | 1% |

| Has the stamina and sharpness to be president | Biden | Trump | Both (vol.) | Neither (vol.) | No opinion |
|---|-------|-------|-------------|----------------|------------|
| Likely Voters | | | | | |
| October 15-20, 2020 | 46% | 48% | 1% | 4% | 1% |
| Registered Voters | | | | | |
| October 15-20, 2020 | 44% | 50% | 1% | 4% | 1% |

| Has a clear plan for solving the country's problems | Biden | Trump | Both (vol.) | Neither (vol.) | No opinion |
|---|-------|-------|-------------|----------------|------------|
| Likely Voters | | | | | |
| October 15-20, 2020 | 50% | 42% | * | 6% | 1% |
| Registered Voters | | | | | |
| October 15-20, 2020 | 48% | 44% | * | 6% | 1% |

| Will keep Americans safe from harm | Biden | Trump | Both (vol.) | Neither (vol.) | No opinion |
|------------------------------------|-------|-------|-------------|----------------|------------|
| Likely Voters | | | | | |
| October 15-20, 2020 | 51% | 46% | 1% | 1% | 1% |
| Registered Voters | | | | | |
| October 15-20, 2020 | 49% | 47% | 1% | 2% | 1% |

| Cares about people like you | Biden | Trump | Both (vol.) | Neither (vol.) | No opinion |
|-----------------------------|-------|-------|-------------|----------------|------------|
| Likely Voters | | | | | |
| October 15-20, 2020 | 55% | 42% | 1% | 2% | 1% |
| Registered Voters | | | | | |
| October 15-20, 2020 | 53% | 43% | 1% | 3% | 1% |



MORE ON METHODOLOGY

A total of **1,015** adults who live in Pennsylvania were interviewed by telephone by live interviewers calling both landline and cell phones. Interviews were conducted in English and Spanish. Among the entire sample, 36% described themselves as Democrats, 35% described themselves as Republicans, and 29% described themselves as independents or members of another party.

All respondents were asked questions concerning basic demographics, and the entire sample was weighted to reflect Census figures for gender, race, age, education, state region, and telephone usage.

Results for the full sample have a margin of sampling error of +/- 3.7 percentage points. For the subset of 925 registered voters, it is +/- 3.9 percentage points. For the sample of 843 likely voters, it is +/-4.0 percentage points.

Interviews were conducted among a representative sample of the adult population, age 18 or older, of Pennsylvania. Members of demographic groups not shown in the published crosstabs are represented in the results for each question in the poll. Crosstabs on the pages that follow only include results for subgroups with a minimum n=125 unweighted cases. Results for subgroups with fewer than n=125 unweighted cases are not displayed and instead are denoted with "**SN**" because samples of that size carry larger margins of sampling error and can be too small to be projectable with confidence to their true values in the population.



CNN/SSRS Poll -- October 15, 2020 to October 20, 2020 (Pennsylvania Likely Voters)

TABLE 004

Question P1/P1a Combo Table

P1. Suppose that the presidential election were being held today and you had to choose between Joe Biden and Kamala Harris as the Democratic Party's candidates, Donald Trump and Mike Pence as the Republican Party's candidates, Jo Jorgensen and Spike Cohen, the Libertarians. Who would you be more likely to vote for? P1a. As of today, do you lean more toward...?

Base: Likely voters

| | Total | Men | Women | White | Ppl of Color | | |
|--|-------|-----------------|-------------------|-----------------|-------------------|-----------------------|-------------------|
| | ===== | ===== | ===== | ===== | ===== | | |
| Joe Biden and Kamala Harris, the Democrats | 53% | 45% | 59% | 46% | SN | | |
| Donald Trump and Mike Pence, the Republicans | 43% | 48% | 39% | 50% | SN | | |
| Jo Jorgensen and Spike Cohen, the Libertarians | 2% | 4% | 1% | 2% | SN | | |
| Other | 1% | 1% | * | 1% | SN | | |
| None of the above/Neither | * | 1% | 0% | * | SN | | |
| Don't know/Undecided/Refused | 1% | 1% | 1% | 1% | SN | | |
| Sampling Error (+/-) | 4.0 | 5.3 | 6.1 | 4.4 | | | |
| | Total | 18-49 | 50+ | 18-64 | 65+ | | |
| | ===== | ===== | ===== | ===== | ===== | | |
| Joe Biden and Kamala Harris, the Democrats | 53% | 52% | 52% | 50% | 59% | | |
| Donald Trump and Mike Pence, the Republicans | 43% | 43% | 44% | 46% | 37% | | |
| Jo Jorgensen and Spike Cohen, the Libertarians | 2% | 3% | 1% | 3% | 1% | | |
| Other | 1% | * | 1% | * | 2% | | |
| None of the above/Neither | * | 0% | 1% | 1% | 0% | | |
| Don't know/Undecided/Refused | 1% | 1% | 1% | 1% | 2% | | |
| Sampling Error (+/-) | 4.0 | 7.3 | 4.6 | 5.1 | 6.0 | | |
| | Total | <\$50K | \$50K+ | Non-coll. grad | Coll. grad. | White non-coll. coll. | White coll. grad. |
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Joe Biden and Kamala Harris, the Democrats | 53% | 54% | 52% | 45% | 65% | 35% | 63% |
| Donald Trump and Mike Pence, the Republicans | 43% | 40% | 45% | 50% | 34% | 59% | 35% |
| Jo Jorgensen and Spike Cohen, the Libertarians | 2% | 4% | 1% | 3% | 1% | 3% | 1% |
| Other | 1% | 1% | * | 1% | * | 1% | * |
| None of the above/Neither | * | 0% | 1% | * | * | 1% | * |
| Don't know/Undecided/Refused | 1% | 1% | 1% | 2% | 0% | 1% | 0% |
| Sampling Error (+/-) | 4.0 | 7.8 | 5.0 | 5.5 | 6.0 | 5.9 | 6.6 |
| | Total | Demo- crat | Indep endnt Other | Repub lican | Lib- eral | Mode- rate | Con serva tive |
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Joe Biden and Kamala Harris, the Democrats | 53% | 94% | 53% | 5% | 90% | 69% | 7% |
| Donald Trump and Mike Pence, the Republicans | 43% | 4% | 36% | 93% | 7% | 27% | 88% |
| Jo Jorgensen and Spike Cohen, the Libertarians | 2% | * | 8% | * | 1% | 3% | 2% |
| Other | 1% | * | 2% | 0% | 1% | * | 0% |
| None of the above/Neither | * | * | * | * | 0% | * | 1% |
| Don't know/Undecided/Refused | 1% | 1% | 1% | * | 1% | * | 2% |
| Sampling Error (+/-) | 4.0 | 6.4 | 8.1 | 6.9 | 8.4 | 6.3 | 6.9 |
| | Total | Lean Demo- crat | Lean Repub lican | Trump ap- prove | Trump disap prove | Biden Supp orter | Trump Supp orter |
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Joe Biden and Kamala Harris, the Democrats | 53% | 94% | 6% | 3% | 93% | 100% | 0% |
| Donald Trump and Mike Pence, the Republicans | 43% | 3% | 90% | 96% | 1% | 0% | 100% |
| Jo Jorgensen and Spike Cohen, the Libertarians | 2% | 1% | 3% | 1% | 3% | 0% | 0% |
| Other | 1% | 1% | * | 0% | 1% | 0% | 0% |
| None of the above/Neither | * | * | 1% | * | * | 0% | 0% |
| Don't know/Undecided/Refused | 1% | 1% | * | * | 1% | 0% | 0% |
| Sampling Error (+/-) | 4.0 | 5.6 | 6.1 | 6.2 | 5.4 | 5.5 | 6.2 |



CNN/SSRS Poll -- October 15, 2020 to October 20, 2020 (Pennsylvania All Adults)

TABLE 005

Question A1

A1. Do you approve or disapprove of the way Donald Trump is handling his job as president?

Base: Total Respondents

| | Total | Men | Women | White | Ppl of Color | Trump approve | Trump disapprove |
|------------------------------|-------|-------|-------|-------|--------------|---------------|------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Approve | 45% | 51% | 40% | 51% | 23% | 100% | 0% |
| Disapprove | 51% | 45% | 56% | 46% | 69% | 0% | 100% |
| Don't know/Undecided/Refused | 4% | 4% | 5% | 3% | 8% | 0% | 0% |
| Sampling Error (+/-) | 3.7 | 4.8 | 5.5 | 4.1 | 8.8 | 5.5 | 5.1 |

| | Total | 18-34 | 35-49 | 50-64 | 65+ | <45 | 45+ |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Approve | 45% | 45% | 48% | 48% | 39% | 45% | 46% |
| Disapprove | 51% | 47% | 47% | 48% | 60% | 48% | 52% |
| Don't know/Undecided/Refused | 4% | 8% | 5% | 3% | 1% | 7% | 2% |
| Sampling Error (+/-) | 3.7 | 8.2 | 8.9 | 6.5 | 5.7 | 6.6 | 4.2 |

| | Total | <\$50K | \$50K+ | Non-coll. grad. | Coll. grad. | White non-coll. | White coll. |
|------------------------------|-------|--------|--------|-----------------|-------------|-----------------|-------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Approve | 45% | 41% | 47% | 50% | 37% | 58% | 39% |
| Disapprove | 51% | 53% | 50% | 45% | 61% | 38% | 60% |
| Don't know/Undecided/Refused | 4% | 6% | 3% | 5% | 2% | 4% | 1% |
| Sampling Error (+/-) | 3.7 | 6.7 | 4.6 | 4.8 | 5.7 | 5.3 | 6.3 |

| | Total | Democrat | Indep endnt Other | Repub lican | Lib-eral | Mode-rate | Con serva-tive |
|------------------------------|-------|----------|-------------------|-------------|----------|-----------|----------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Approve | 45% | 6% | 42% | 91% | 10% | 34% | 84% |
| Disapprove | 51% | 92% | 51% | 7% | 89% | 63% | 14% |
| Don't know/Undecided/Refused | 4% | 2% | 8% | 2% | 1% | 3% | 3% |
| Sampling Error (+/-) | 3.7 | 6.1 | 6.9 | 6.3 | 7.9 | 5.8 | 6.2 |

| | Total | Lean Democrat | Lean Repub lican |
|------------------------------|-------|---------------|------------------|
| | ===== | ===== | ===== |
| Approve | 45% | 6% | 88% |
| Disapprove | 51% | 92% | 9% |
| Don't know/Undecided/Refused | 4% | 3% | 3% |
| Sampling Error (+/-) | 3.7 | 5.3 | 5.4 |

| | Total | Phil-adel-phia | Phil-adel-burbs | North-east | Cent-ral | West |
|------------------------------|-------|----------------|-----------------|------------|----------|-------|
| | ===== | ===== | ===== | ===== | ===== | ===== |
| Approve | 45% | SN | 33% | 59% | 55% | 50% |
| Disapprove | 51% | SN | 66% | 38% | 38% | 47% |
| Don't know/Undecided/Refused | 4% | SN | 1% | 3% | 7% | 3% |
| Sampling Error (+/-) | 3.7 | | 8.1 | 8.7 | 7.6 | 6.9 |



CNN/SSRS Poll -- October 15, 2020 to October 20, 2020 (Pennsylvania Likely Voters)

TABLE 005

Question A1

A1. Do you approve or disapprove of the way Donald Trump is handling his job as president?

Base: Likely voters

| | Total | Men | Women | White | Ppl of Color | | |
|------------------------------|-------|-------|-------|-------|--------------|--|--|
| | ===== | ===== | ===== | ===== | ===== | | |
| Approve | 44% | 50% | 39% | 50% | SN | | |
| Disapprove | 54% | 49% | 59% | 49% | SN | | |
| Don't know/Undecided/Refused | 2% | 2% | 2% | 2% | SN | | |
| Sampling Error (+/-) | 4.0 | 5.3 | 6.1 | 4.4 | | | |

| | Total | 18-49 | 50+ | 18-64 | 65+ |
|------------------------------|-------|-------|-------|-------|-------|
| | ===== | ===== | ===== | ===== | ===== |
| Approve | 44% | 45% | 44% | 47% | 37% |
| Disapprove | 54% | 53% | 55% | 51% | 63% |
| Don't know/Undecided/Refused | 2% | 2% | 1% | 2% | * |
| Sampling Error (+/-) | 4.0 | 7.3 | 4.6 | 5.1 | 6.0 |

| | Total | <\$50K | \$50K+ | Non-coll. grad. | Coll. grad. | White non-coll. | White coll. |
|------------------------------|-------|--------|--------|-----------------|-------------|-----------------|-------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Approve | 44% | 40% | 46% | 51% | 35% | 59% | 36% |
| Disapprove | 54% | 57% | 53% | 48% | 64% | 39% | 63% |
| Don't know/Undecided/Refused | 2% | 3% | 1% | 2% | 1% | 2% | 1% |
| Sampling Error (+/-) | 4.0 | 7.8 | 5.0 | 5.5 | 6.0 | 5.9 | 6.6 |

| | Total | Democrat | Indep endnt Other | Republican | Liberal | Moderate | Conservative |
|------------------------------|-------|----------|-------------------|------------|---------|----------|--------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Approve | 44% | 5% | 39% | 92% | 7% | 30% | 88% |
| Disapprove | 54% | 94% | 58% | 7% | 92% | 68% | 11% |
| Don't know/Undecided/Refused | 2% | 1% | 3% | 1% | 1% | 2% | 1% |
| Sampling Error (+/-) | 4.0 | 6.4 | 8.1 | 6.9 | 8.4 | 6.3 | 6.9 |

| | Total | Lean Democrat | Lean Republican | Trump approve | Trump disap prove | Biden Supp orter | Trump Supp orter |
|------------------------------|-------|---------------|-----------------|---------------|-------------------|------------------|------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Approve | 44% | 5% | 90% | 100% | 0% | 2% | 97% |
| Disapprove | 54% | 94% | 8% | 0% | 100% | 96% | 2% |
| Don't know/Undecided/Refused | 2% | 1% | 2% | 0% | 0% | 2% | 1% |
| Sampling Error (+/-) | 4.0 | 5.6 | 6.1 | 6.2 | 5.4 | 5.5 | 6.2 |



CNN/SSRS Poll -- October 15, 2020 to October 20, 2020 (Pennsylvania Likely Voters)

Question P9

P9. How enthusiastic would you say you are about voting for president in this year's election -- extremely enthusiastic, very enthusiastic, somewhat enthusiastic, not too enthusiastic, or not at all enthusiastic?

Base: Likely voters

| | Total | Men | Women | White | Ppl of Color | |
|---------------------------------------|-------|-------|-------|-------|--------------|-------|
| | ===== | ===== | ===== | ===== | ===== | ===== |
| Extremely/Very enthusiastic (Net) | 80% | 81% | 79% | 81% | SN | |
| Extremely enthusiastic | 57% | 55% | 58% | 57% | SN | |
| Very enthusiastic | 23% | 26% | 20% | 23% | SN | |
| Somewhat enthusiastic | 10% | 11% | 10% | 10% | SN | |
| Not too/Not at all enthusiastic (Net) | 9% | 8% | 11% | 9% | SN | |
| Not too enthusiastic | 5% | 4% | 7% | 6% | SN | |
| Not at all enthusiastic | 4% | 4% | 4% | 3% | SN | |
| Don't know/Undecided/Refused | * | * | * | * | SN | |
| Sampling Error (+/-) | 4.0 | 5.3 | 6.1 | 4.4 | | |

| | Total | 18-49 | 50+ | 18-64 | 65+ |
|---------------------------------------|-------|-------|-------|-------|-------|
| | ===== | ===== | ===== | ===== | ===== |
| Extremely/Very enthusiastic (Net) | 80% | 70% | 87% | 77% | 88% |
| Extremely enthusiastic | 57% | 53% | 60% | 56% | 58% |
| Very enthusiastic | 23% | 18% | 27% | 20% | 30% |
| Somewhat enthusiastic | 10% | 15% | 8% | 12% | 6% |
| Not too/Not at all enthusiastic (Net) | 9% | 15% | 6% | 11% | 6% |
| Not too enthusiastic | 5% | 9% | 3% | 7% | 2% |
| Not at all enthusiastic | 4% | 5% | 3% | 4% | 4% |
| Don't know/Undecided/Refused | * | * | * | * | 1% |
| Sampling Error (+/-) | 4.0 | 7.3 | 4.6 | 5.1 | 6.0 |

| | Total | <\$50K | \$50K+ | Non-coll. grad | Coll. grad. | White non-coll. | White coll. grad. |
|---------------------------------------|-------|--------|--------|----------------|-------------|-----------------|-------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Extremely/Very enthusiastic (Net) | 80% | 76% | 81% | 79% | 80% | 80% | 82% |
| Extremely enthusiastic | 57% | 50% | 60% | 54% | 60% | 54% | 62% |
| Very enthusiastic | 23% | 26% | 21% | 25% | 20% | 26% | 20% |
| Somewhat enthusiastic | 10% | 14% | 9% | 12% | 8% | 11% | 8% |
| Not too/Not at all enthusiastic (Net) | 9% | 10% | 10% | 9% | 11% | 9% | 10% |
| Not too enthusiastic | 5% | 6% | 5% | 5% | 7% | 5% | 7% |
| Not at all enthusiastic | 4% | 4% | 4% | 4% | 4% | 4% | 3% |
| Don't know/Undecided/Refused | * | * | * | * | 1% | * | 1% |
| Sampling Error (+/-) | 4.0 | 7.8 | 5.0 | 5.5 | 6.0 | 5.9 | 6.6 |

| | Total | Demo-crat | Indep endnt Other | Repub lican | Lib-eral | Mode-rate | Con serva-tive |
|---------------------------------------|-------|-----------|-------------------|-------------|----------|-----------|----------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Extremely/Very enthusiastic (Net) | 80% | 85% | 67% | 83% | 81% | 77% | 83% |
| Extremely enthusiastic | 57% | 60% | 46% | 60% | 62% | 52% | 58% |
| Very enthusiastic | 23% | 25% | 21% | 23% | 19% | 25% | 25% |
| Somewhat enthusiastic | 10% | 9% | 15% | 9% | 11% | 11% | 8% |
| Not too/Not at all enthusiastic (Net) | 9% | 6% | 18% | 8% | 7% | 11% | 9% |
| Not too enthusiastic | 5% | 4% | 7% | 6% | 2% | 6% | 7% |
| Not at all enthusiastic | 4% | 2% | 11% | 2% | 4% | 5% | 2% |
| Don't know/Undecided/Refused | * | * | * | * | 1% | 0% | * |
| Sampling Error (+/-) | 4.0 | 6.4 | 8.1 | 6.9 | 8.4 | 6.3 | 6.9 |

| | Total | Lean Demo-crat | Lean Repub-lican | Trump ap-prove | Trump disap-prove | Biden Supp-orter | Trump Supp-orter |
|---------------------------------------|-------|----------------|------------------|----------------|-------------------|------------------|------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Extremely/Very enthusiastic (Net) | 80% | 81% | 81% | 83% | 79% | 80% | 83% |
| Extremely enthusiastic | 57% | 57% | 57% | 61% | 55% | 56% | 61% |
| Very enthusiastic | 23% | 24% | 23% | 22% | 24% | 24% | 22% |
| Somewhat enthusiastic | 10% | 11% | 9% | 9% | 11% | 12% | 9% |
| Not too/Not at all enthusiastic (Net) | 9% | 8% | 10% | 8% | 10% | 8% | 8% |
| Not too enthusiastic | 5% | 4% | 7% | 6% | 5% | 4% | 6% |
| Not at all enthusiastic | 4% | 4% | 3% | 2% | 5% | 4% | 2% |
| Don't know/Undecided/Refused | * | * | * | * | * | * | * |
| Sampling Error (+/-) | 4.0 | 5.6 | 6.1 | 6.2 | 5.4 | 5.5 | 6.2 |



CNN/SSRS Poll -- October 15, 2020 to October 20, 2020 (Pennsylvania Likely Voters)

TABLE 009

Question P7a

P7a. Now I'm going to mention a few issues and for each one, please tell me if you think Joe Biden or Donald Trump would better handle that issue if they were elected President. First/Next, The economy. Do you think Joe Biden or Donald Trump would better handle that issue if they were elected President?

Base: Likely voters

| | Total | Men | Women | White | Ppl of Color |
|------------------------------|-------|-------|-------|-------|--------------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 48% | 40% | 56% | 43% | SN |
| Trump | 50% | 57% | 43% | 55% | SN |
| Neither | 1% | 1% | 1% | 1% | SN |
| Don't know/Undecided/Refused | 1% | 2% | 1% | 1% | SN |
| Sampling Error (+/-) | 4.0 | 5.3 | 6.1 | 4.4 | |

| | Total | 18-49 | 50+ | 18-64 | 65+ |
|------------------------------|-------|-------|-------|-------|-------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 48% | 45% | 50% | 44% | 59% |
| Trump | 50% | 51% | 49% | 53% | 40% |
| Neither | 1% | 1% | 1% | 1% | 0% |
| Don't know/Undecided/Refused | 1% | 2% | 1% | 1% | 2% |
| Sampling Error (+/-) | 4.0 | 7.3 | 4.6 | 5.1 | 6.0 |

| | Total | <\$50K | \$50K+ | Non-coll. grad | Coll. grad. | White coll. | White coll. grad. |
|------------------------------|-------|--------|--------|----------------|-------------|-------------|-------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 48% | 51% | 47% | 41% | 58% | 33% | 57% |
| Trump | 50% | 46% | 51% | 56% | 40% | 64% | 42% |
| Neither | 1% | 3% | * | 1% | 1% | 1% | * |
| Don't know/Undecided/Refused | 1% | 1% | 2% | 2% | 1% | 1% | 1% |
| Sampling Error (+/-) | 4.0 | 7.8 | 5.0 | 5.5 | 6.0 | 5.9 | 6.6 |

| | Total | Demo-crat | Indep endnt Other | Repub lican | Lib-eral | Mode-rate | Con serva tive |
|------------------------------|-------|-----------|-------------------|-------------|----------|-----------|----------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 48% | 90% | 42% | 5% | 89% | 59% | 8% |
| Trump | 50% | 9% | 51% | 95% | 9% | 38% | 92% |
| Neither | 1% | 0% | 4% | 0% | 0% | 2% | 0% |
| Don't know/Undecided/Refused | 1% | 1% | 3% | * | 2% | 1% | 1% |
| Sampling Error (+/-) | 4.0 | 6.4 | 8.1 | 6.9 | 8.4 | 6.3 | 6.9 |

| | Total | Lean Demo-crat | Lean Repub lican | Trump ap-prove | Trump disap prove | Biden Supp orter | Trump Supp orter |
|------------------------------|-------|----------------|------------------|----------------|-------------------|------------------|------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 48% | 87% | 4% | 1% | 88% | 89% | * |
| Trump | 50% | 10% | 95% | 99% | 8% | 8% | 100% |
| Neither | 1% | * | 0% | 0% | 2% | 1% | 0% |
| Don't know/Undecided/Refused | 1% | 2% | 1% | * | 2% | 2% | * |
| Sampling Error (+/-) | 4.0 | 5.6 | 6.1 | 6.2 | 5.4 | 5.5 | 6.2 |



CNN/SSRS Poll -- October 15, 2020 to October 20, 2020 (Pennsylvania Likely Voters)

TABLE 010

Question P7b

P7b. Now I'm going to mention a few issues and for each one, please tell me if you think Joe Biden or Donald Trump would better handle that issue if they were elected President. First/Next, The response to the coronavirus outbreak. Do you think Joe Biden or Donald Trump would better handle that issue if they were elected President?
 Base: Likely voters

| | Total | Men | Women | White | Ppl of Color |
|------------------------------|-------|-------|-------|-------|--------------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 54% | 49% | 59% | 48% | SN |
| Trump | 42% | 47% | 37% | 48% | SN |
| Neither | 2% | 3% | 2% | 2% | SN |
| Don't know/Undecided/Refused | 2% | 2% | 2% | 2% | SN |
| Sampling Error (+/-) | 4.0 | 5.3 | 6.1 | 4.4 | |

| | Total | 18-49 | 50+ | 18-64 | 65+ |
|------------------------------|-------|-------|-------|-------|-------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 54% | 55% | 54% | 51% | 61% |
| Trump | 42% | 40% | 44% | 44% | 37% |
| Neither | 2% | 2% | 2% | 2% | 1% |
| Don't know/Undecided/Refused | 2% | 4% | 1% | 2% | 1% |
| Sampling Error (+/-) | 4.0 | 7.3 | 4.6 | 5.1 | 6.0 |

| | Total | <\$50K | \$50K+ | Non-coll. grad | Coll. grad. | White non-coll. | White coll. |
|------------------------------|-------|--------|--------|----------------|-------------|-----------------|-------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 54% | 55% | 54% | 46% | 65% | 38% | 64% |
| Trump | 42% | 39% | 42% | 48% | 32% | 57% | 33% |
| Neither | 2% | 4% | 1% | 3% | 1% | 3% | 1% |
| Don't know/Undecided/Refused | 2% | 1% | 3% | 2% | 1% | 2% | 2% |
| Sampling Error (+/-) | 4.0 | 7.8 | 5.0 | 5.5 | 6.0 | 5.9 | 6.6 |

| | Total | Demo-cratic | Indep endnt Other | Repub lican | Lib-eral | Mode-rate | Con serva tive |
|------------------------------|-------|-------------|-------------------|-------------|----------|-----------|----------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 54% | 93% | 57% | 7% | 91% | 68% | 10% |
| Trump | 42% | 6% | 35% | 88% | 6% | 28% | 83% |
| Neither | 2% | 1% | 6% | 2% | 2% | 3% | 2% |
| Don't know/Undecided/Refused | 2% | * | 2% | 4% | * | 1% | 4% |
| Sampling Error (+/-) | 4.0 | 6.4 | 8.1 | 6.9 | 8.4 | 6.3 | 6.9 |

| | Total | Lean Demo-cratic | Lean Repub lican | Trump ap-prove | Trump disap-prove | Biden Supp-orter | Trump Supp-orter |
|------------------------------|-------|------------------|------------------|----------------|-------------------|------------------|------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 54% | 94% | 9% | 3% | 96% | 96% | 3% |
| Trump | 42% | 5% | 85% | 91% | 2% | 2% | 92% |
| Neither | 2% | 1% | 2% | 2% | 2% | 2% | 2% |
| Don't know/Undecided/Refused | 2% | 1% | 4% | 3% | * | * | 3% |
| Sampling Error (+/-) | 4.0 | 5.6 | 6.1 | 6.2 | 5.4 | 5.5 | 6.2 |



CNN/SSRS Poll -- October 15, 2020 to October 20, 2020 (Pennsylvania Likely Voters)

TABLE 011
 Question P7c

P7c. Now I'm going to mention a few issues and for each one, please tell me if you think Joe Biden or Donald Trump would better handle that issue if they were elected President. First/Next, Racial inequality in the U.S. Do you think Joe Biden or Donald Trump would better handle that issue if they were elected President?
 Base: Likely voters

| | Total | Men | Women | White | Ppl of Color |
|------------------------------|-------|-------|-------|-------|--------------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 58% | 51% | 64% | 53% | SN |
| Trump | 39% | 44% | 33% | 44% | SN |
| Neither | 3% | 3% | 2% | 2% | SN |
| Don't know/Undecided/Refused | 1% | 2% | 1% | 1% | SN |
| Sampling Error (+/-) | 4.0 | 5.3 | 6.1 | 4.4 | |

| | Total | 18-49 | 50+ | 18-64 | 65+ |
|------------------------------|-------|-------|-------|-------|-------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 58% | 59% | 56% | 56% | 63% |
| Trump | 39% | 35% | 41% | 40% | 35% |
| Neither | 3% | 4% | 1% | 3% | * |
| Don't know/Undecided/Refused | 1% | 1% | 1% | 1% | 1% |
| Sampling Error (+/-) | 4.0 | 7.3 | 4.6 | 5.1 | 6.0 |

| | Total | <\$50K | \$50K+ | Non-coll. grad. | Coll. grad. | White non-coll. | White coll. |
|------------------------------|-------|--------|--------|-----------------|-------------|-----------------|-------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 58% | 59% | 58% | 50% | 69% | 42% | 69% |
| Trump | 39% | 36% | 39% | 45% | 29% | 54% | 29% |
| Neither | 3% | 5% | 2% | 3% | 2% | 3% | 1% |
| Don't know/Undecided/Refused | 1% | 1% | 1% | 1% | 1% | 2% | 1% |
| Sampling Error (+/-) | 4.0 | 7.8 | 5.0 | 5.5 | 6.0 | 5.9 | 6.6 |

| | Total | Demo-cratic | Indep endnt Other | Repub lican | Lib-eral | Mode-rate | Con serva tive |
|------------------------------|-------|-------------|-------------------|-------------|----------|-----------|----------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 58% | 95% | 57% | 15% | 90% | 73% | 18% |
| Trump | 39% | 3% | 36% | 81% | 7% | 23% | 80% |
| Neither | 3% | 1% | 5% | 2% | 2% | 3% | 1% |
| Don't know/Undecided/Refused | 1% | * | 2% | 2% | 1% | 1% | 1% |
| Sampling Error (+/-) | 4.0 | 6.4 | 8.1 | 6.9 | 8.4 | 6.3 | 6.9 |

| | Total | Lean Demo-cratic | Lean Repub lican | Trump ap-prove | Trump disap prove | Biden Supp orter | Trump Supp orter |
|------------------------------|-------|------------------|------------------|----------------|-------------------|------------------|------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 58% | 95% | 15% | 12% | 95% | 97% | 11% |
| Trump | 39% | 3% | 80% | 85% | 2% | 1% | 85% |
| Neither | 3% | 1% | 3% | 3% | 2% | 1% | 2% |
| Don't know/Undecided/Refused | 1% | 1% | 2% | 1% | 1% | * | 2% |
| Sampling Error (+/-) | 4.0 | 5.6 | 6.1 | 6.2 | 5.4 | 5.5 | 6.2 |



CNN/SSRS Poll -- October 15, 2020 to October 20, 2020 (Pennsylvania Likely Voters)

TABLE 012

Question P7d

P7d. Now I'm going to mention a few issues and for each one, please tell me if you think Joe Biden or Donald Trump would better handle that issue if they were elected President. First/Next, Nominations to the Supreme Court. Do you think Joe Biden or Donald Trump would better handle that issue if they were elected President?

Base: Likely voters

| | Total | Men | Women | White | Ppl of Color |
|------------------------------|-------|-------|-------|-------|--------------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 51% | 43% | 58% | 44% | SN |
| Trump | 45% | 51% | 40% | 51% | SN |
| Neither | 2% | 3% | 1% | 2% | SN |
| Don't know/Undecided/Refused | 2% | 3% | 2% | 3% | SN |
| Sampling Error (+/-) | 4.0 | 5.3 | 6.1 | 4.4 | |

| | Total | 18-49 | 50+ | 18-64 | 65+ |
|------------------------------|-------|-------|-------|-------|-------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 51% | 50% | 51% | 48% | 57% |
| Trump | 45% | 45% | 46% | 48% | 38% |
| Neither | 2% | 3% | 1% | 2% | * |
| Don't know/Undecided/Refused | 2% | 2% | 2% | 2% | 4% |
| Sampling Error (+/-) | 4.0 | 7.3 | 4.6 | 5.1 | 6.0 |

| | Total | <\$50K | \$50K+ | Non-coll. grad | Coll. grad. | White non-coll. | White coll. |
|------------------------------|-------|--------|--------|----------------|-------------|-----------------|-------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 51% | 54% | 49% | 44% | 61% | 34% | 60% |
| Trump | 45% | 40% | 47% | 51% | 36% | 60% | 38% |
| Neither | 2% | 3% | 1% | 2% | 1% | 3% | 1% |
| Don't know/Undecided/Refused | 2% | 3% | 2% | 3% | 2% | 3% | 1% |
| Sampling Error (+/-) | 4.0 | 7.8 | 5.0 | 5.5 | 6.0 | 5.9 | 6.6 |

| | Total | Demo-cratic | Indep endnt Other | Repub lican | Lib-eral | Mode-rate | Con serva tive |
|------------------------------|-------|-------------|-------------------|-------------|----------|-----------|----------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 51% | 92% | 48% | 6% | 88% | 65% | 8% |
| Trump | 45% | 5% | 42% | 92% | 7% | 30% | 90% |
| Neither | 2% | 1% | 4% | 1% | 2% | 2% | 1% |
| Don't know/Undecided/Refused | 2% | 1% | 7% | 1% | 2% | 3% | 1% |
| Sampling Error (+/-) | 4.0 | 6.4 | 8.1 | 6.9 | 8.4 | 6.3 | 6.9 |

| | Total | Lean Demo-cratic | Lean Repub lican | Trump ap-prove | Trump disap prove | Biden Supp orter | Trump Supp orter |
|------------------------------|-------|------------------|------------------|----------------|-------------------|------------------|------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 51% | 91% | 6% | 2% | 91% | 93% | 1% |
| Trump | 45% | 6% | 91% | 96% | 4% | 3% | 97% |
| Neither | 2% | 1% | 1% | 1% | 2% | 1% | 1% |
| Don't know/Undecided/Refused | 2% | 2% | 1% | 1% | 4% | 3% | 1% |
| Sampling Error (+/-) | 4.0 | 5.6 | 6.1 | 6.2 | 5.4 | 5.5 | 6.2 |



CNN/SSRS Poll -- October 15, 2020 to October 20, 2020 (Pennsylvania Likely Voters)

TABLE 013

Question P8a

P8a. Thinking about the following characteristics and qualities, please say whether you think each one applies more to Joe Biden or more to Donald Trump. Please feel free to name a candidate even if you may not support him. First/Next, Will unite the country and not divide it.

Do you think that applies more to Joe Biden or more to Donald Trump?

Base: Likely voters

| | Total | Men | Women | White | Ppl of Color |
|------------------------------|-------|-------|-------|-------|--------------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 58% | 53% | 62% | 53% | SN |
| Trump | 35% | 37% | 33% | 40% | SN |
| Both | * | 1% | 0% | * | SN |
| Neither | 6% | 7% | 5% | 6% | SN |
| Don't know/Undecided/Refused | 1% | 2% | * | 1% | SN |
| Sampling Error (+/-) | 4.0 | 5.3 | 6.1 | 4.4 | |

| | Total | 18-49 | 50+ | 18-64 | 65+ |
|------------------------------|-------|-------|-------|-------|-------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 58% | 58% | 58% | 56% | 63% |
| Trump | 35% | 32% | 37% | 35% | 34% |
| Both | * | 0% | 1% | * | * |
| Neither | 6% | 9% | 4% | 8% | 1% |
| Don't know/Undecided/Refused | 1% | 1% | 1% | 1% | * |
| Sampling Error (+/-) | 4.0 | 7.3 | 4.6 | 5.1 | 6.0 |

| | Total | <\$50K | \$50K+ | Non-coll. grad | Coll. grad. | White coll. | White coll. grad. |
|------------------------------|-------|--------|--------|----------------|-------------|-------------|-------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 58% | 56% | 59% | 49% | 72% | 40% | 72% |
| Trump | 35% | 35% | 35% | 43% | 22% | 52% | 22% |
| Both | * | * | * | * | 1% | * | 1% |
| Neither | 6% | 8% | 5% | 7% | 5% | 7% | 4% |
| Don't know/Undecided/Refused | 1% | 1% | 1% | 1% | 1% | 1% | 1% |
| Sampling Error (+/-) | 4.0 | 7.8 | 5.0 | 5.5 | 6.0 | 5.9 | 6.6 |

| | Total | Demo-cratic | Indep Other | Repub lican | Lib-eral | Mode-rate | Con serva tive |
|------------------------------|-------|-------------|-------------|-------------|----------|-----------|----------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 58% | 95% | 58% | 15% | 91% | 72% | 19% |
| Trump | 35% | 3% | 26% | 77% | 5% | 21% | 73% |
| Both | * | 0% | 1% | * | 1% | * | * |
| Neither | 6% | 2% | 12% | 7% | 3% | 6% | 7% |
| Don't know/Undecided/Refused | 1% | 0% | 3% | * | 0% | 1% | 1% |
| Sampling Error (+/-) | 4.0 | 6.4 | 8.1 | 6.9 | 8.4 | 6.3 | 6.9 |

| | Total | Lean Demo-cratic | Lean Repub lican | Trump ap-prove | Trump disap prove | Biden Supp orter | Trump Supp orter |
|------------------------------|-------|------------------|------------------|----------------|-------------------|------------------|------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 58% | 95% | 17% | 13% | 95% | 97% | 11% |
| Trump | 35% | 3% | 73% | 76% | 2% | 1% | 78% |
| Both | * | * | 1% | 1% | 0% | * | 1% |
| Neither | 6% | 2% | 7% | 9% | 3% | 3% | 9% |
| Don't know/Undecided/Refused | 1% | 0% | 2% | 1% | * | 0% | 1% |
| Sampling Error (+/-) | 4.0 | 5.6 | 6.1 | 6.2 | 5.4 | 5.5 | 6.2 |



CNN/SSRS Poll -- October 15, 2020 to October 20, 2020 (Pennsylvania Likely Voters)

TABLE 014

Question P8b

P8b. Thinking about the following characteristics and qualities, please say whether you think each one applies more to Joe Biden or more to Donald Trump. Please feel free to name a candidate even if you may not support him. First/Next, Has the stamina and sharpness to be president.

Do you think that applies more to Joe Biden or more to Donald Trump?

Base: Likely voters

| | Total | Men | Women | White | Ppl of Color |
|------------------------------|-------|-------|-------|-------|--------------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 46% | 37% | 55% | 40% | SN |
| Trump | 48% | 56% | 41% | 55% | SN |
| Both | 1% | 1% | 1% | 1% | SN |
| Neither | 4% | 4% | 4% | 4% | SN |
| Don't know/Undecided/Refused | 1% | 1% | * | 1% | SN |
| Sampling Error (+/-) | 4.0 | 5.3 | 6.1 | 4.4 | |

| | Total | 18-49 | 50+ | 18-64 | 65+ |
|------------------------------|-------|-------|-------|-------|-------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 46% | 42% | 49% | 42% | 56% |
| Trump | 48% | 48% | 49% | 51% | 41% |
| Both | 1% | 1% | * | 1% | 0% |
| Neither | 4% | 7% | 2% | 5% | 2% |
| Don't know/Undecided/Refused | 1% | 1% | 1% | 1% | 1% |
| Sampling Error (+/-) | 4.0 | 7.3 | 4.6 | 5.1 | 6.0 |

| | Total | <\$50K | \$50K+ | Non-coll. grad | Coll. grad. | White non-coll. | White coll. grad. |
|------------------------------|-------|--------|--------|----------------|-------------|-----------------|-------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 46% | 49% | 45% | 40% | 55% | 31% | 53% |
| Trump | 48% | 45% | 50% | 55% | 39% | 64% | 41% |
| Both | 1% | 0% | 1% | 0% | 2% | 0% | 2% |
| Neither | 4% | 5% | 4% | 4% | 4% | 4% | 5% |
| Don't know/Undecided/Refused | 1% | 1% | * | 1% | 0% | 1% | 0% |
| Sampling Error (+/-) | 4.0 | 7.8 | 5.0 | 5.5 | 6.0 | 5.9 | 6.6 |

| | Total | Demo-cratic | Indep Other | Repub lican | Lib-eral | Mode-rate | Con serva tive |
|------------------------------|-------|-------------|-------------|-------------|----------|-----------|----------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 46% | 87% | 38% | 5% | 83% | 57% | 8% |
| Trump | 48% | 8% | 47% | 94% | 10% | 35% | 91% |
| Both | 1% | * | 3% | 0% | * | 1% | 1% |
| Neither | 4% | 4% | 11% | 1% | 5% | 7% | 1% |
| Don't know/Undecided/Refused | 1% | 1% | 1% | * | 1% | 1% | 0% |
| Sampling Error (+/-) | 4.0 | 6.4 | 8.1 | 6.9 | 8.4 | 6.3 | 6.9 |

| | Total | Lean Demo-cratic | Lean Repub lican | Trump ap-prove | Trump disap prove | Biden Supp orter | Trump Supp orter |
|------------------------------|-------|------------------|------------------|----------------|-------------------|------------------|------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 46% | 84% | 4% | 1% | 84% | 86% | * |
| Trump | 48% | 9% | 94% | 97% | 8% | 6% | 98% |
| Both | 1% | 1% | 1% | 1% | 1% | 1% | 1% |
| Neither | 4% | 6% | 1% | 1% | 6% | 6% | 1% |
| Don't know/Undecided/Refused | 1% | 1% | * | 0% | 1% | 1% | 0% |
| Sampling Error (+/-) | 4.0 | 5.6 | 6.1 | 6.2 | 5.4 | 5.5 | 6.2 |



CNN/SSRS Poll -- October 15, 2020 to October 20, 2020 (Pennsylvania Likely Voters)

TABLE 015

Question P8c

P8c. Thinking about the following characteristics and qualities, please say whether you think each one applies more to Joe Biden or more to Donald Trump. Please feel free to name a candidate even if you may not support him. First/Next, Has a clear plan for solving the country's problems.

Do you think that applies more to Joe Biden or more to Donald Trump?

Base: Likely voters

| | Total | Men | Women | White | Ppl of Color |
|------------------------------|-------|-------|-------|-------|--------------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 50% | 43% | 57% | 45% | SN |
| Trump | 42% | 49% | 36% | 48% | SN |
| Both | * | 0% | * | * | SN |
| Neither | 6% | 5% | 6% | 7% | SN |
| Don't know/Undecided/Refused | 1% | 2% | * | 1% | SN |
| Sampling Error (+/-) | 4.0 | 5.3 | 6.1 | 4.4 | |

| | Total | 18-49 | 50+ | 18-64 | 65+ |
|------------------------------|-------|-------|-------|-------|-------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 50% | 48% | 52% | 47% | 60% |
| Trump | 42% | 41% | 44% | 45% | 36% |
| Both | * | 0% | * | 0% | * |
| Neither | 6% | 9% | 4% | 7% | 2% |
| Don't know/Undecided/Refused | 1% | 2% | 1% | 1% | 1% |
| Sampling Error (+/-) | 4.0 | 7.3 | 4.6 | 5.1 | 6.0 |

| | Total | <\$50K | \$50K+ | Non-coll. grad | Coll. grad. | White coll. | White coll. grad. |
|------------------------------|-------|--------|--------|----------------|-------------|-------------|-------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 50% | 49% | 51% | 43% | 62% | 34% | 61% |
| Trump | 42% | 43% | 42% | 49% | 33% | 57% | 34% |
| Both | * | 0% | * | * | 0% | * | 0% |
| Neither | 6% | 6% | 6% | 7% | 5% | 8% | 5% |
| Don't know/Undecided/Refused | 1% | 1% | 1% | 2% | * | 1% | * |
| Sampling Error (+/-) | 4.0 | 7.8 | 5.0 | 5.5 | 6.0 | 5.9 | 6.6 |

| | Total | Demo-cratic | Indep Other | Repub lican | Lib-eral | Mode-rate | Con serva tive |
|------------------------------|-------|-------------|-------------|-------------|----------|-----------|----------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 50% | 90% | 49% | 6% | 86% | 65% | 8% |
| Trump | 42% | 4% | 35% | 90% | 8% | 27% | 85% |
| Both | * | * | 0% | 0% | 0% | * | 0% |
| Neither | 6% | 5% | 12% | 3% | 3% | 8% | 6% |
| Don't know/Undecided/Refused | 1% | 1% | 4% | 0% | 3% | * | 1% |
| Sampling Error (+/-) | 4.0 | 6.4 | 8.1 | 6.9 | 8.4 | 6.3 | 6.9 |

| | Total | Lean Demo-cratic | Lean Repub lican | Trump ap-prove | Trump disap prove | Biden Supp orter | Trump Supp orter |
|------------------------------|-------|------------------|------------------|----------------|-------------------|------------------|------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 50% | 90% | 6% | 2% | 92% | 93% | 1% |
| Trump | 42% | 4% | 87% | 91% | 2% | 2% | 91% |
| Both | * | * | 0% | 0% | * | * | 0% |
| Neither | 6% | 4% | 7% | 7% | 4% | 4% | 7% |
| Don't know/Undecided/Refused | 1% | 1% | 1% | 1% | 2% | 1% | 1% |
| Sampling Error (+/-) | 4.0 | 5.6 | 6.1 | 6.2 | 5.4 | 5.5 | 6.2 |



CNN/SSRS Poll -- October 15, 2020 to October 20, 2020 (Pennsylvania Likely Voters)

TABLE 016

Question P8d

P8d. Thinking about the following characteristics and qualities, please say whether you think each one applies more to Joe Biden or more to Donald Trump. Please feel free to name a candidate even if you may not support him. First/Next, Will keep Americans safe from harm.

Do you think that applies more to Joe Biden or more to Donald Trump?

Base: Likely voters

| | Total | Men | Women | White | Ppl of Color |
|------------------------------|-------|-------|-------|-------|--------------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 51% | 43% | 59% | 45% | SN |
| Trump | 46% | 53% | 38% | 52% | SN |
| Both | 1% | 1% | * | 1% | SN |
| Neither | 1% | 1% | 1% | 1% | SN |
| Don't know/Undecided/Refused | 1% | 1% | 2% | 1% | SN |
| Sampling Error (+/-) | 4.0 | 5.3 | 6.1 | 4.4 | |

| | Total | 18-49 | 50+ | 18-64 | 65+ |
|------------------------------|-------|-------|-------|-------|-------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 51% | 51% | 51% | 48% | 60% |
| Trump | 46% | 45% | 47% | 48% | 39% |
| Both | 1% | 1% | * | 1% | * |
| Neither | 1% | 2% | 1% | 1% | * |
| Don't know/Undecided/Refused | 1% | 2% | 1% | 2% | 1% |
| Sampling Error (+/-) | 4.0 | 7.3 | 4.6 | 5.1 | 6.0 |

| | Total | <\$50K | \$50K+ | Non-coll. grad | Coll. grad. | White coll. | White coll. grad. |
|------------------------------|-------|--------|--------|----------------|-------------|-------------|-------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 51% | 51% | 51% | 43% | 63% | 34% | 62% |
| Trump | 46% | 44% | 46% | 53% | 35% | 62% | 36% |
| Both | 1% | 1% | 1% | 1% | * | 1% | * |
| Neither | 1% | 2% | 1% | 1% | 1% | 1% | 2% |
| Don't know/Undecided/Refused | 1% | 2% | 1% | 2% | * | 1% | * |
| Sampling Error (+/-) | 4.0 | 7.8 | 5.0 | 5.5 | 6.0 | 5.9 | 6.6 |

| | Total | Demo-cratic | Indep Other | Repub lican | Lib-eral | Mode-rate | Con serva tive |
|------------------------------|-------|-------------|-------------|-------------|----------|-----------|----------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 51% | 93% | 50% | 5% | 91% | 65% | 9% |
| Trump | 46% | 6% | 43% | 92% | 9% | 32% | 87% |
| Both | 1% | 0% | 1% | 1% | 0% | 1% | 1% |
| Neither | 1% | * | 4% | 0% | 1% | 2% | 1% |
| Don't know/Undecided/Refused | 1% | * | 2% | 2% | 0% | * | 3% |
| Sampling Error (+/-) | 4.0 | 6.4 | 8.1 | 6.9 | 8.4 | 6.3 | 6.9 |

| | Total | Lean Demo-cratic | Lean Repub lican | Trump ap-prove | Trump disap prove | Biden Supp orter | Trump Supp orter |
|------------------------------|-------|------------------|------------------|----------------|-------------------|------------------|------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 51% | 92% | 5% | 1% | 93% | 94% | 1% |
| Trump | 46% | 6% | 91% | 95% | 4% | 4% | 95% |
| Both | 1% | 0% | 1% | 1% | 1% | 1% | 1% |
| Neither | 1% | 1% | 1% | 1% | 1% | 1% | 1% |
| Don't know/Undecided/Refused | 1% | 1% | 2% | 2% | 1% | * | 2% |
| Sampling Error (+/-) | 4.0 | 5.6 | 6.1 | 6.2 | 5.4 | 5.5 | 6.2 |



CNN/SSRS Poll -- October 15, 2020 to October 20, 2020 (Pennsylvania Likely Voters)

TABLE 017

Question P8e

P8e. Thinking about the following characteristics and qualities, please say whether you think each one applies more to Joe Biden or more to Donald Trump. Please feel free to name a candidate even if you may not support him. First/Next, Cares about people like you. Do you think that applies more to Joe Biden or more to Donald Trump?

Base: Likely voters

| | Total | Men | Women | White | Ppl of Color |
|------------------------------|-------|-------|-------|-------|--------------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 55% | 48% | 61% | 48% | SN |
| Trump | 42% | 46% | 37% | 48% | SN |
| Both | 1% | 1% | 1% | 1% | SN |
| Neither | 2% | 3% | 1% | 2% | SN |
| Don't know/Undecided/Refused | 1% | 1% | * | * | SN |
| Sampling Error (+/-) | 4.0 | 5.3 | 6.1 | 4.4 | |

| | Total | 18-49 | 50+ | 18-64 | 65+ |
|------------------------------|-------|-------|-------|-------|-------|
| | ===== | ===== | ===== | ===== | ===== |
| Biden | 55% | 54% | 55% | 51% | 63% |
| Trump | 42% | 41% | 42% | 44% | 35% |
| Both | 1% | 1% | 1% | 1% | 1% |
| Neither | 2% | 3% | 1% | 2% | 1% |
| Don't know/Undecided/Refused | 1% | 1% | 1% | 1% | 1% |
| Sampling Error (+/-) | 4.0 | 7.3 | 4.6 | 5.1 | 6.0 |

| | Total | <\$50K | \$50K+ | Non-coll. grad. | Coll. grad. | White non-coll. | White coll. |
|------------------------------|-------|--------|--------|-----------------|-------------|-----------------|-------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 55% | 55% | 55% | 47% | 67% | 37% | 66% |
| Trump | 42% | 39% | 42% | 49% | 31% | 59% | 32% |
| Both | 1% | 1% | 1% | 1% | 1% | 1% | 2% |
| Neither | 2% | 4% | 1% | 2% | 1% | 2% | 1% |
| Don't know/Undecided/Refused | 1% | 1% | 1% | 1% | 0% | 1% | 0% |
| Sampling Error (+/-) | 4.0 | 7.8 | 5.0 | 5.5 | 6.0 | 5.9 | 6.6 |

| | Total | Demo-crat | Indep endnt Other | Repub lican | Lib-eral | Mode-rate | Con serva tive |
|------------------------------|-------|-----------|-------------------|-------------|----------|-----------|----------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 55% | 95% | 56% | 8% | 92% | 69% | 11% |
| Trump | 42% | 4% | 34% | 89% | 6% | 26% | 85% |
| Both | 1% | 0% | 2% | 2% | 0% | * | 2% |
| Neither | 2% | 1% | 5% | 1% | * | 4% | * |
| Don't know/Undecided/Refused | 1% | 0% | 3% | * | 1% | 1% | 1% |
| Sampling Error (+/-) | 4.0 | 6.4 | 8.1 | 6.9 | 8.4 | 6.3 | 6.9 |

| | Total | Lean Demo-crat | Lean Repub lican | Trump ap-prove | Trump disap prove | Biden Supp orter | Trump Supp orter |
|------------------------------|-------|----------------|------------------|----------------|-------------------|------------------|------------------|
| | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Biden | 55% | 95% | 9% | 3% | 96% | 98% | 3% |
| Trump | 42% | 4% | 86% | 92% | 2% | 1% | 92% |
| Both | 1% | * | 2% | 2% | 0% | 0% | 2% |
| Neither | 2% | 1% | 2% | 2% | 2% | 1% | 2% |
| Don't know/Undecided/Refused | 1% | 0% | 1% | 2% | * | 0% | 2% |
| Sampling Error (+/-) | 4.0 | 5.6 | 6.1 | 6.2 | 5.4 | 5.5 | 6.2 |