OVERVIEW

The study was conducted for CNN by SSRS utilizing a hybrid sampling methodology. SSRS is an independent research company. Surveys were obtained via web (n=717) and phone (n=184) from **October 13-17, 2022** with a representative sample of n=**901** registered voters who live in Pennsylvania. The margin of sampling error for total registered voters is +/- **4.1** at the 95% confidence level. The design effect is **1.56**. For results among the n=**703** likely voters, the margin of sampling error is +/- **4.6**. More information about SSRS can be obtained by visiting www.ssrs.com.

EMBARGOED FOR RELEASE:
Monday, October 24 at 12:00 p.m.

NOTE ABOUT RESULTS

Unless otherwise noted, results beginning with the August 3-6, 2017 survey and ending with the April 21-26, 2021 survey are from polls conducted by SSRS via telephone only. For more information about other trend data included in this topline, please see the "More on Methodology" section at the end of this document.

Results beginning with the March 31-April 2, 2006 survey and ending with the April 22-25, 2017 survey are from telephone surveys conducted by ORC International. Results before March 31, 2006 are from telephone surveys conducted by Gallup.

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

NOTE ABOUT CROSSTABS

Surveys were conducted among a representative sample of the adult registered voters, 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.

S1PA. If the election for U.S. Senate were held today and the candidates were (John Fetterman, the Democrat), and (Mehmet Oz, the Republican), who would you be more likely to vote for?

S1aPA. If the election for U.S. Senate were being held today, as of today, do you lean more toward:

S1PA/S1APA COMBO TABLE

	John Fetterman, the Democrat	Mehmet Oz, the Republican	Neither	Other	No opinion
Likely voters					
October 13-17, 2022	51%	45%	2%	1%	*
Registered voters					
October 13-17, 2022	52%	41%	5%	1%	*

(Registered voters who have already picked a candidate for U.S. Senate, N=834)

S2. Is your mind made up about who you will vote for in the race for U.S. Senate, or is it possible you would change your mind?

	Mind made up	Might change mind	No opinion
Likely voters			
October 13-17, 2022	91%	9%	*
Registered voters			
October 13-17, 2022	87%	12%	*

G1PA. If the election for Governor were held today and the candidates were (Josh Shapiro, the Democrat), and (Doug Mastriano, the Republican), who would you be more likely to vote for?

G1aPA. If the election for Governor were being held today, as of today, do you lean more toward:

G1PA/G1APA COMBO TABLE

	Josh Shapiro, the Democrat	Doug Mastriano, the Republican	Neither	Other	No opinion
Likely voters					
October 13-17, 2022	56%	41%	1%	1%	*
Registered voters					
October 13-17, 2022	56%	39%	4%	1%	*

(Registered voters who have already picked a candidate, N=852)

G2. Is your mind made up about who you will vote for in the race for Governor, or is it possible you would change your mind?

	Mind made up	Might change mind	No opinion
Likely voters			
October 13-17, 2022	90%	9%	*
Registered voters			
October 13-17, 2022	88%	12%	*

FV1. We'd like to get your overall opinion of some people and groups in the news. For each, please indicate if you have a favorable or unfavorable opinion of these people or groups - or if you have never heard of them. **[ITEMS ASKED IN RANDOM ORDER]**

John Fetterman	Favorable opinion	Unfavorable opinion	Never heard of	No opinion
Likely voters				
October 13-17, 2022	48%	46%	1%	5%
Registered voters				
October 13-17, 2022	46%	45%	1%	8%

Mehmet Oz	Favorable opinion	Unfavorable opinion	Never heard of	No opinion
Likely voters				
October 13-17, 2022	38%	55%	2%	5%
Registered voters				
October 13-17, 2022	35%	56%	2%	8%

Josh Shapiro	Favorable opinion	Unfavorable opinion	Never heard of	No opinion
Likely voters				
October 13-17, 2022	56%	29%	1%	14%
Registered voters				
October 13-17, 2022	52%	27%	3%	18%

Doug Mastriano	Favorable opinion	Unfavorable opinion	Never heard of	No opinion
Likely voters				
October 13-17, 2022	34%	53%	2%	10%
Registered voters				
October 13-17, 2022	31%	51%	4%	14%

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

	Approve	Disapprove	Not sure	No opinion
Likely voters				
October 13-17, 2022	45%	55%	*	*
Registered voters				
October 13-17, 2022	43%	56%	1%	*

COMPARE TO:

	Approve	Disapprove	No opinion
Likely voters			
October 15-20, 2020	44%	54%	2%
Registered voters			
October 15-20, 2020	46%	52%	2%
**QUESTION WORDING: Do you approve or disapprove of the way Donald Trump is handling his job as president?			

[ORDER OF Q2 AND Q3 ROTATED]

Q2PA. Do you think John Fetterman: **[FIRST TWO RESPONSES ROTATED IN ORDER FOR HALF/IN REVERSE ORDER FOR HALF]**

	Is too supportive of Joe Biden	**Is not supportive enough of Joe Biden**	**Expresses about the right amount of support for Joe Biden**	**No opinion**
Likely voters				
October 13-17, 2022	38%	4%	53%	5%
Registered voters				
October 13-17, 2022	36%	5%	54%	4%

Q3PA. Do you think Mehmet Oz: **[FIRST TWO RESPONSES ROTATED IN ORDER FOR HALF/IN REVERSE ORDER FOR HALF]**

	Is too supportive of Donald Trump	**Is not supportive enough of Donald Trump**	**Expresses about the right amount of support for Donald Trump**	**No opinion**
Likely voters				
October 13-17, 2022	51%	4%	41%	4%
Registered voters				
October 13-17, 2022	52%	5%	39%	4%

Q4. If the Republicans win control of Congress in this November's elections, do you think the country will be (better off), (worse off), or will it not make any difference?

	Better off	Worse off	No difference	No opinion
Likely voters				
October 13-17, 2022	46%	45%	9%	*
Registered voters				
October 13-17, 2022	43%	43%	14%	*

Q5. Which of the following issues will be most important to you when you decide how to vote for Congress?
[RESPONSES SHOWN IN RANDOM ORDER; 'ANOTHER ISSUE' ALWAYS SHOWN LAST]

Likely voters	October 13-17, 2022
The economy and inflation	44%
Abortion	19%
Voting rights and election integrity	12%
Gun policy	7%
Climate change	5%
Crime	5%
Immigration	4%
Another issue	4%
No opinion	0%

Registered voters	October 13-17, 2022
The economy and inflation	45%
Abortion	18%
Voting rights and election integrity	11%
Gun policy	8%
Climate change	5%
Crime	5%
Immigration	4%
Another issue	4%
No opinion	0%

Q6. Would you say that economic conditions in Pennsylvania are: **[FIRST TWO RESPONSES ROTATED IN ORDER FOR HALF/IN REVERSE ORDER FOR HALF]**

	Getting better	**Getting worse**	**Staying about the same**	**No opinion**
Likely voters				
October 13-17, 2022	8%	63%	29%	*
Registered voters				
October 13-17, 2022	7%	63%	30%	*

Q7. How confident are you that votes in Pennsylvania will be accurately cast and counted in this year's election? **[RESPONSES ROTATED IN ORDER FOR HALF/IN REVERSE ORDER FOR HALF]**

	NET Very/ Some-what confident	**Very confident**	**Some-what confident**	**NET Just a little/ Not at all confident**	**Just a little confident**	**Not at all confident**	**No opinion**
Likely voters							
October 13-17, 2022	**70%**	41%	30%	**30%**	14%	16%	**0%**
Registered voters							
October 13-17, 2022	**68%**	37%	30%	**32%**	16%	16%	*

Q8a. Which of these factors will be most important to you in deciding how you will vote for U.S. Senate this year? **[RESPONSES SHOWN IN RANDOM ORDER]**

	The character and integrity of the candidates	**The candidates' positions on the issues**	**Which party will control the U.S. Senate**	**No opinion**
Likely voters				
October 13-17, 2022	25%	48%	27%	1%
Registered voters				
October 13-17, 2022	28%	46%	26%	*

V9. How motivated, if at all, would you say you are about voting in this year's election?

	Extremely motivated	Very motivated	Somewhat motivated	Not too motivated	Not at all motivated	No opinion
Likely voters						
October 13-17, 2022	69%	20%	9%	1%	*	*
Registered voters						
October 13-17, 2022	58%	23%	14%	4%	2%	*

MORE ON METHODOLOGY

A total of n=**901** registered voters who live in Pennsylvania were surveyed by web and telephone nationwide using a hybrid sample methodology, including the SSRS Opinion Panel, a nationally representative panel of U.S. adults ages 18 or older recruited using probability-based sampling techniques, and registration-based sample containing either a telephone number or an email address. All adults living in Pennsylvania who were contacted via the SSRS Opinion Panel were invited to participate. All potential respondents were then screened for age, state of residence, and voter registration prior to administering the survey. Surveys were conducted in English and Spanish.

Results for the full sample have a margin of sampling error of +/- 4.1 percentage points. Results for the sample of **703** likely voters have a margin of sampling error of +/- 4.6 percentage points.

Among the entire sample, 42%% described themselves as Democrats, 40**%** described themselves as Republicans, and 19% 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 the state's registered voters for gender, age, education, and race/ethnicity. The sample was also weighted for National Election Poll (NEP) region and party registration data from the State Secretary of State. The sample was weighted among self-reported 2020 voters for recalled 2020 vote within NEP regions. The benchmark for recalled 2020 vote was taken from county-level National Election Pool (NEP) presidential election results provided by CNN. Finally, the full sample was calibrated to self-reported party ID using a benchmark extracted from the RBS sample, after independently weighting the RBS sample on demographics and recalled vote.

Surveys were conducted among a representative sample of the adult registered voters, 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 13, 2022 to October 17, 2022 - Pennsylvania Likely Voters

TABLE 004
Question S1PA/S1APA COMBO TABLE
S1PA. If the election for U.S. Senate were held today and the candidates were John Fetterman, the Democrat, and Mehmet Oz, the Republican, who would you be more likely to vote for?
S1aPA. If the election for U.S. Senate were being held today, as of today, do you lean more toward:
Base: Likely Voters

	Total	Men	Women	18-49	50-64	65+
John Fetterman, the Democrat	51%	51%	52%	53%	51%	50%
Mehmet Oz, the Republican	45%	48%	43%	44%	46%	46%
Neither	2%	1%	4%	3%	1%	3%
Other	1%	*	2%	1%	1%	1%
Don't know/Refused	*	0%	*	0%	*	0%
Sampling Error (+/-)	4.6	6.5	6.5	8.3	7.9	7.3

	Total	<45	45+	<$50K	$50K+	Non-coll. grad	Coll. grad.
John Fetterman, the Democrat	51%	53%	50%	55%	51%	43%	61%
Mehmet Oz, the Republican	45%	43%	46%	41%	46%	53%	36%
Neither	2%	3%	2%	4%	2%	2%	2%
Other	1%	1%	1%	*	1%	1%	1%
Don't know/Refused	*	0%	*	0%	*	0%	*
Sampling Error (+/-)	4.6	9.5	5.1	8.5	5.5	6.8	6.0

	Total	White non-coll. grad.	White coll. grad.	Biden Approve	Biden Disapprove
John Fetterman, the Democrat	51%	39%	59%	97%	14%
Mehmet Oz, the Republican	45%	56%	38%	2%	81%
Neither	2%	2%	2%	1%	4%
Other	1%	2%	1%	1%	1%
Don't know/Refused	*	0%	*	*	0%
Sampling Error (+/-)	4.6	7.3	6.3	6.6	6.4

	Total	Democrat	Independnt Other	Republican	Liberal	Moderate	Conservative
John Fetterman, the Democrat	51%	97%	42%	9%	98%	58%	4%
Mehmet Oz, the Republican	45%	2%	54%	86%	2%	36%	93%
Neither	2%	*	3%	4%	0%	4%	2%
Other	1%	1%	1%	2%	0%	2%	1%
Don't know/Refused	*	*	0%	0%	0%	*	0%
Sampling Error (+/-)	4.6	6.9	10.3	7.5	9.3	6.8	8.4

	Total	Lean Democrat	Lean Republican	White	Ppl of Color
John Fetterman, the Democrat	51%	97%	9%	49%	SN
Mehmet Oz, the Republican	45%	2%	87%	48%	SN
Neither	2%	*	3%	2%	SN
Other	1%	1%	1%	1%	SN
Don't know/Refused	*	*	0%	*	SN
Sampling Error (+/-)	4.6	6.4	6.8	4.9	

CNN/SSRS Poll -- October 13, 2022 to October 17, 2022 - Pennsylvania Likely Voters

TABLE 005
Question S2
S2. Is your mind made up about who you will vote for in the race for U.S. Senate, or is it possible you would change your mind?
Base: Likely voters who have already picked a candidate for U.S. Senate

	Total	Men	Women	18-49	50-64	65+
Mind made up	91%	90%	93%	89%	90%	94%
Might change mind	9%	9%	7%	11%	10%	5%
Don't know/Refused	*	1%	0%	0%	*	1%
Sampling Error (+/-)	4.7	6.6	6.7	8.5	8.0	7.4

	Total	<45	45+	<$50K	$50K+	Non-coll. grad	Coll. grad.
Mind made up	91%	87%	93%	90%	92%	91%	90%
Might change mind	9%	13%	7%	9%	8%	8%	9%
Don't know/Refused	*	0%	1%	1%	*	1%	*
Sampling Error (+/-)	4.7	9.7	5.2	8.8	5.6	7.0	6.1

	Total	White non-coll.	White coll. grad.	Biden Approve	Biden Disapprove
Mind made up	91%	91%	90%	95%	87%
Might change mind	9%	9%	9%	4%	12%
Don't know/Refused	*	*	*	*	*
Sampling Error (+/-)	4.7	7.4	6.4	6.6	6.6

	Total	Democrat	Independent Other	Republican	Liberal	Moderate	Conservative
Mind made up	91%	95%	83%	89%	97%	88%	89%
Might change mind	9%	4%	17%	10%	3%	11%	10%
Don't know/Refused	*	1%	0%	*	0%	1%	*
Sampling Error (+/-)	4.7	6.9	10.7	7.7	9.3	6.9	8.6

	Total	Lean Democrat	Lean Republican	White	Ppl of Color
Mind made up	91%	94%	88%	91%	SN
Might change mind	9%	5%	12%	9%	SN
Don't know/Refused	*	1%	*	*	SN
Sampling Error (+/-)	4.7	6.4	6.9	5.0	

CNN/SSRS Poll -- October 13, 2022 to October 17, 2022 - Pennsylvania Likely Voters

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TABLE 006
Question G1PA/G1APA COMBO TABLE
G1PA. If the election for Governor were held today and the candidates were Josh Shapiro, the Democrat, and Doug
Mastriano, the Republican, who would you be more likely to vote for?
G1aPA. If the election for Governor were being held today, as of today, do you lean more toward:
Base: Likely Voters
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	Total	Men	Women	18-49	50-64	65+
Josh Shapiro, the Democrat	56%	57%	56%	55%	57%	57%
Doug Mastriano, the Republican	41%	40%	42%	43%	41%	39%
Neither	1%	1%	2%	1%	2%	2%
Other	1%	1%	*	1%	0%	1%
Don't know/Refused	*	*	*	0%	*	*
Sampling Error (+/-)	4.6	6.5	6.5	8.3	7.9	7.3

	Total	<45	45+	<$50K	$50K+	Non-coll. grad	Coll. grad.
Josh Shapiro, the Democrat	56%	53%	58%	61%	56%	48%	66%
Doug Mastriano, the Republican	41%	45%	40%	38%	41%	50%	31%
Neither	1%	1%	2%	1%	1%	1%	2%
Other	1%	1%	1%	*	1%	1%	1%
Don't know/Refused	*	0%	*	0%	*	0%	*
Sampling Error (+/-)	4.6	9.5	5.1	8.5	5.5	6.8	6.0

	Total	White non-coll. grad.	White coll. grad.	Biden Approve	Biden Disapprove
Josh Shapiro, the Democrat	56%	45%	65%	99%	21%
Doug Mastriano, the Republican	41%	53%	33%	1%	75%
Neither	1%	1%	2%	*	2%
Other	1%	1%	*	*	1%
Don't know/Refused	*	0%	*	*	*
Sampling Error (+/-)	4.6	7.3	6.3	6.6	6.4

	Total	Democrat	Independent Other	Republican	Liberal	Moderate	Conservative
Josh Shapiro, the Democrat	56%	99%	53%	15%	98%	68%	7%
Doug Mastriano, the Republican	41%	1%	42%	82%	2%	29%	91%
Neither	1%	0%	3%	2%	0%	2%	1%
Other	1%	*	2%	1%	*	1%	1%
Don't know/Refused	*	*	0%	*	0%	*	*
Sampling Error (+/-)	4.6	6.9	10.3	7.5	9.3	6.8	8.4

	Total	Lean Democrat	Lean Republican	White	Ppl of Color
Josh Shapiro, the Democrat	56%	99%	16%	54%	SN
Doug Mastriano, the Republican	41%	1%	80%	44%	SN
Neither	1%	0%	2%	1%	SN
Other	1%	*	1%	1%	SN
Don't know/Refused	*	*	*	*	SN
Sampling Error (+/-)	4.6	6.4	6.8	4.9	

CNN/SSRS Poll -- October 13, 2022 to October 17, 2022 - Pennsylvania Likely Voters

TABLE 007
Question G2
G2. Is your mind made up about who you will vote for in the race for Governor, or is it possible you would change your mind?
Base: Likely voters who have already picked a candidate

	Total	Men	Women	18-49	50-64	65+
	=====	=====	=====	=====	=====	=====
Mind made up	90%	88%	93%	90%	87%	93%
Might change mind	9%	12%	7%	10%	13%	5%
Don't know/Refused	*	*	*	0%	0%	1%
Sampling Error (+/-)	4.6	6.6	6.6	8.4	7.9	7.5

	Total	<45	45+	<$50K	$50K+	Non-coll. grad	Coll. grad.
	=====	=====	=====	=====	=====	=====	=====
Mind made up	90%	89%	90%	88%	91%	90%	90%
Might change mind	9%	11%	9%	11%	9%	9%	10%
Don't know/Refused	*	0%	1%	1%	0%	1%	0%
Sampling Error (+/-)	4.6	9.6	5.2	8.6	5.6	6.9	6.1

	Total	White non-coll.	White coll. grad.	Biden Approve	Biden Disapprove
	=====	=====	=====	=====	=====
Mind made up	90%	90%	89%	95%	86%
Might change mind	9%	9%	11%	5%	13%
Don't know/Refused	*	*	0%	*	*
Sampling Error (+/-)	4.6	7.4	6.4	6.6	6.5

	Total	Demo-crat	Independnt Other	Repub lican	Lib-eral	Mode-rate	Cons-servative
	=====	=====	=====	=====	=====	=====	=====
Mind made up	90%	95%	82%	89%	95%	89%	88%
Might change mind	9%	5%	18%	11%	5%	11%	11%
Don't know/Refused	*	*	0%	*	0%	*	1%
Sampling Error (+/-)	4.6	6.9	10.7	7.6	9.3	6.9	8.5

	Total	Lean Demo-crat	Lean Repub lican	White	Ppl of Color
	=====	=====	=====	=====	=====
Mind made up	90%	94%	87%	90%	SN
Might change mind	9%	6%	13%	10%	SN
Don't know/Refused	*	*	*	*	SN
Sampling Error (+/-)	4.6	6.4	6.9	4.9	

CNN/SSRS Poll -- October 13, 2022 to October 17, 2022 - Pennsylvania Likely Voters
TABLE 008
Question FV1_SEN_PA_D
FV1. We'd like to get your overall opinion of some people and groups in the news. Do you have a favorable or unfavorable opinion of John Fetterman, or have you never heard of them?
Base: Likely Voters

	Total	Men	Women	18-49	50-64	65+
Favorable opinion	48%	46%	50%	48%	48%	48%
Unfavorable opinion	46%	47%	46%	45%	47%	47%
Never heard of	1%	1%	1%	1%	*	1%
No opinion (Net)	5%	6%	4%	6%	4%	3%
Heard of, no opinion	5%	5%	4%	6%	4%	3%
Refused	*	*	0%	0%	0%	1%
Sampling Error (+/-)	4.6	6.5	6.5	8.3	7.9	7.3

	Total	<45	45+	<$50K	$50K+	Non-coll. grad	Coll. grad.
Favorable opinion	48%	49%	47%	49%	49%	39%	58%
Unfavorable opinion	46%	46%	47%	41%	48%	54%	38%
Never heard of	1%	1%	1%	2%	*	1%	*
No opinion (Net)	5%	4%	5%	8%	3%	6%	3%
Heard of, no opinion	5%	4%	5%	8%	3%	6%	3%
Refused	*	0%	*	1%	0%	*	0%
Sampling Error (+/-)	4.6	9.5	5.1	8.5	5.5	6.8	6.0

	Total	White non-coll.	White coll. grad.	Biden Approve	Biden Disapprove
Favorable opinion	48%	38%	57%	90%	13%
Unfavorable opinion	46%	56%	40%	6%	80%
Never heard of	1%	1%	*	*	1%
No opinion (Net)	5%	5%	3%	4%	6%
Heard of, no opinion	5%	5%	3%	3%	6%
Refused	*	*	0%	*	0%
Sampling Error (+/-)	4.6	7.3	6.3	6.6	6.4

	Total	Democrat	Independent Other	Republican	Liberal	Moderate	Conservative
Favorable opinion	48%	91%	35%	10%	95%	52%	4%
Unfavorable opinion	46%	5%	54%	85%	2%	39%	92%
Never heard of	1%	*	1%	1%	0%	1%	1%
No opinion (Net)	5%	4%	9%	4%	2%	8%	3%
Heard of, no opinion	5%	3%	9%	4%	2%	7%	3%
Refused	*	*	0%	0%	0%	*	0%
Sampling Error (+/-)	4.6	6.9	10.3	7.5	9.3	6.8	8.4

	Total	Lean Democrat	Lean Republican	White	Ppl of Color
Favorable opinion	48%	90%	9%	47%	SN
Unfavorable opinion	46%	5%	85%	49%	SN
Never heard of	1%	1%	1%	*	SN
No opinion (Net)	5%	5%	4%	4%	SN
Heard of, no opinion	5%	4%	4%	4%	SN
Refused	*	*	0%	*	SN
Sampling Error (+/-)	4.6	6.4	6.8	4.9	

CNN/SSRS Poll -- October 13, 2022 to October 17, 2022 - Pennsylvania Likely Voters
TABLE 009
Question FV1_SEN_PA_R
FV1. We'd like to get your overall opinion of some people and groups in the news. Do you have a favorable or unfavorable opinion of Mehmet Oz, or have you never heard of them?
Base: Likely Voters

	Total	Men	Women	18-49	50-64	65+
Favorable opinion	38%	37%	39%	33%	39%	42%
Unfavorable opinion	55%	55%	55%	57%	56%	52%
Never heard of	2%	3%	1%	2%	*	2%
No opinion (Net)	5%	6%	5%	7%	4%	4%
Heard of, no opinion	5%	6%	5%	7%	4%	3%
Refused	*	*	0%	0%	0%	*
Sampling Error (+/-)	4.6	6.5	6.5	8.3	7.9	7.3

	Total	<45	45+	<$50K	$50K+	Non-coll. grad	Coll. grad.
Favorable opinion	38%	30%	41%	35%	38%	44%	30%
Unfavorable opinion	55%	59%	54%	58%	56%	47%	65%
Never heard of	2%	3%	1%	3%	1%	3%	1%
No opinion (Net)	5%	8%	4%	3%	6%	6%	4%
Heard of, no opinion	5%	8%	4%	3%	6%	6%	4%
Refused	*	0%	*	*	*	0%	*
Sampling Error (+/-)	4.6	9.5	5.1	8.5	5.5	6.8	6.0

	Total	White non-coll.	White coll. grad.	Biden Approve	Biden Disapprove
Favorable opinion	38%	46%	32%	2%	67%
Unfavorable opinion	55%	45%	64%	95%	23%
Never heard of	2%	2%	1%	2%	2%
No opinion (Net)	5%	6%	4%	1%	8%
Heard of, no opinion	5%	6%	4%	1%	8%
Refused	*	0%	*	*	*
Sampling Error (+/-)	4.6	7.3	6.3	6.6	6.4

	Total	Demo-crat	Independnt Other	Repub-lican	Lib-eral	Mode-rate	Cons-servative
Favorable opinion	38%	3%	42%	71%	2%	29%	77%
Unfavorable opinion	55%	93%	48%	20%	95%	62%	15%
Never heard of	2%	1%	2%	2%	2%	3%	1%
No opinion (Net)	5%	2%	8%	7%	1%	6%	7%
Heard of, no opinion	5%	2%	7%	7%	1%	6%	7%
Refused	*	0%	*	*	0%	*	*
Sampling Error (+/-)	4.6	6.9	10.3	7.5	9.3	6.8	8.4

	Total	Lean Demo-crat	Lean Repub-lican	White	Ppl of Color
Favorable opinion	38%	3%	71%	40%	SN
Unfavorable opinion	55%	94%	19%	54%	SN
Never heard of	2%	1%	2%	1%	SN
No opinion (Net)	5%	2%	8%	5%	SN
Heard of, no opinion	5%	2%	8%	5%	SN
Refused	*	0%	*	*	SN
Sampling Error (+/-)	4.6	6.4	6.8	4.9	

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TABLE 010
Question FV1_GOV_PA_D
FV1. We'd like to get your overall opinion of some people and groups in the news. Do you have a favorable or unfavorable opinion of Josh Shapiro, or have you never heard of them?
Base: Likely Voters

	Total	Men	Women	18-49	50-64	65+
Favorable opinion	56%	52%	60%	51%	54%	63%
Unfavorable opinion	29%	31%	26%	31%	32%	23%
Never heard of	1%	1%	1%	1%	2%	1%
No opinion (Net)	14%	15%	13%	17%	13%	13%
Heard of, no opinion	14%	15%	13%	17%	13%	13%
Refused	*	0%	*	0%	0%	*
Sampling Error (+/-)	4.6	6.5	6.5	8.3	7.9	7.3

	Total	<45	45+	<$50K	$50K+	Non-coll. grad	Coll. grad.
Favorable opinion	56%	49%	58%	57%	57%	47%	66%
Unfavorable opinion	29%	31%	28%	25%	30%	33%	24%
Never heard of	1%	1%	1%	1%	1%	2%	1%
No opinion (Net)	14%	18%	13%	18%	13%	19%	10%
Heard of, no opinion	14%	18%	13%	17%	13%	19%	10%
Refused	*	0%	*	*	0%	*	0%
Sampling Error (+/-)	4.6	9.5	5.1	8.5	5.5	6.8	6.0

	Total	White non-coll.	White coll. grad.	Biden Approve	Biden Disapprove
Favorable opinion	56%	45%	66%	93%	25%
Unfavorable opinion	29%	33%	25%	3%	50%
Never heard of	1%	2%	*	0%	2%
No opinion (Net)	14%	20%	9%	5%	22%
Heard of, no opinion	14%	20%	9%	5%	22%
Refused	*	*	0%	0%	*
Sampling Error (+/-)	4.6	7.3	6.3	6.6	6.4

	Total	Demo-crat	Independnt Other	Repub-lican	Lib-eral	Mode-rate	Cons-servative
Favorable opinion	56%	94%	43%	22%	92%	65%	13%
Unfavorable opinion	29%	2%	37%	52%	3%	18%	64%
Never heard of	1%	0%	1%	3%	0%	2%	2%
No opinion (Net)	14%	4%	20%	23%	5%	15%	21%
Heard of, no opinion	14%	4%	20%	23%	5%	15%	21%
Refused	*	0%	0%	*	0%	0%	*
Sampling Error (+/-)	4.6	6.9	10.3	7.5	9.3	6.8	8.4

	Total	Lean Demo-crat	Lean Repub-lican	White	Ppl of Color
Favorable opinion	56%	93%	22%	55%	SN
Unfavorable opinion	29%	2%	53%	29%	SN
Never heard of	1%	0%	2%	1%	SN
No opinion (Net)	14%	5%	23%	15%	SN
Heard of, no opinion	14%	5%	23%	15%	SN
Refused	*	0%	*	*	SN
Sampling Error (+/-)	4.6	6.4	6.8	4.9	

CNN/SSRS Poll -- October 13, 2022 to October 17, 2022 - Pennsylvania Likely Voters
TABLE 011
Question FV1_GOV_PA_R
FV1. We'd like to get your overall opinion of some people and groups in the news. Do you have a favorable or unfavorable opinion of Doug Mastriano, or have you never heard of them?
Base: Likely Voters

	Total	Men	Women	18-49	50-64	65+
Favorable opinion	34%	32%	37%	33%	33%	37%
Unfavorable opinion	53%	54%	53%	52%	54%	54%
Never heard of	2%	3%	1%	3%	*	2%
No opinion (Net)	10%	12%	9%	12%	12%	7%
Heard of, no opinion	10%	11%	9%	12%	12%	7%
Refused	*	1%	0%	0%	*	1%
Sampling Error (+/-)	4.6	6.5	6.5	8.3	7.9	7.3

	Total	<45	45+	<$50K	$50K+	Non-coll. grad	Coll. grad.
Favorable opinion	34%	32%	35%	32%	34%	41%	26%
Unfavorable opinion	53%	52%	54%	50%	57%	43%	66%
Never heard of	2%	2%	1%	5%	*	3%	1%
No opinion (Net)	10%	14%	9%	14%	9%	14%	7%
Heard of, no opinion	10%	14%	8%	13%	8%	13%	7%
Refused	*	0%	*	1%	*	1%	0%
Sampling Error (+/-)	4.6	9.5	5.1	8.5	5.5	6.8	6.0

	Total	White non-coll.	White coll. grad.	Biden Approve	Biden Disapprove
Favorable opinion	34%	43%	28%	2%	61%
Unfavorable opinion	53%	42%	65%	93%	21%
Never heard of	2%	1%	1%	1%	3%
No opinion (Net)	10%	13%	7%	4%	15%
Heard of, no opinion	10%	13%	7%	4%	15%
Refused	*	*	0%	*	*
Sampling Error (+/-)	4.6	7.3	6.3	6.6	6.4

	Total	Democrat	Independent Other	Republican	Liberal	Moderate	Conservative
Favorable opinion	34%	1%	35%	67%	3%	23%	75%
Unfavorable opinion	53%	93%	47%	16%	89%	63%	12%
Never heard of	2%	1%	4%	2%	*	3%	1%
No opinion (Net)	10%	5%	14%	15%	7%	11%	13%
Heard of, no opinion	10%	4%	14%	15%	7%	10%	13%
Refused	*	1%	0%	0%	0%	1%	0%
Sampling Error (+/-)	4.6	6.9	10.3	7.5	9.3	6.8	8.4

	Total	Lean Democrat	Lean Republican	White	Ppl of Color
Favorable opinion	34%	1%	66%	36%	SN
Unfavorable opinion	53%	93%	16%	52%	SN
Never heard of	2%	1%	3%	1%	SN
No opinion (Net)	10%	5%	15%	10%	SN
Heard of, no opinion	10%	5%	15%	10%	SN
Refused	*	1%	0%	*	SN
Sampling Error (+/-)	4.6	6.4	6.8	4.9	

CNN/SSRS Poll -- October 13, 2022 to October 17, 2022 - Pennsylvania Likely Voters

TABLE 012
Question A1
A1. Do you approve or disapprove of the way Joe Biden is handling his job as president?
Base: Likely Voters

	Total	Men	Women	18-49	50-64	65+
Approve	45%	41%	48%	43%	46%	46%
Disapprove	55%	58%	51%	57%	53%	54%
Not sure	*	*	1%	*	1%	*
Refused	*	0%	*	0%	0%	*
Sampling Error (+/-)	4.6	6.5	6.5	8.3	7.9	7.3

	Total	<45	45+	<$50K	$50K+	Non-coll. grad	Coll. grad.
Approve	45%	43%	45%	48%	44%	36%	55%
Disapprove	55%	57%	54%	52%	55%	64%	44%
Not sure	*	0%	*	0%	*	*	1%
Refused	*	0%	*	*	0%	*	0%
Sampling Error (+/-)	4.6	9.5	5.1	8.5	5.5	6.8	6.0

	Total	White non-coll.	White coll. grad.	Biden Approve	Biden Disapprove
Approve	45%	33%	53%	100%	0%
Disapprove	55%	66%	46%	0%	100%
Not sure	*	*	1%	0%	0%
Refused	*	*	0%	0%	0%
Sampling Error (+/-)	4.6	7.3	6.3	6.6	6.4

	Total	Democrat	Independnt Other	Republican	Liberal	Moderate	Conservative
Approve	45%	91%	28%	5%	89%	51%	1%
Disapprove	55%	9%	71%	95%	11%	48%	99%
Not sure	*	1%	1%	0%	0%	1%	0%
Refused	*	0%	1%	0%	0%	*	0%
Sampling Error (+/-)	4.6	6.9	10.3	7.5	9.3	6.8	8.4

	Total	Lean Democrat	Lean Republican	White	Ppl of Color
Approve	45%	88%	4%	43%	SN
Disapprove	55%	11%	96%	57%	SN
Not sure	*	1%	*	*	SN
Refused	*	*	0%	*	SN
Sampling Error (+/-)	4.6	6.4	6.8	4.9	

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TABLE 013
Question 2PA
2PA. Do you think John Fetterman:
Base: Likely Voters

	Total	Men	Women	18-49	50-64	65+
Is too supportive of Joe Biden	38%	40%	36%	37%	38%	40%
Is not supportive enough of Joe Biden	4%	5%	4%	4%	5%	5%
Expresses about the right amount of support for Joe Biden...	53%	50%	55%	55%	53%	49%
Don't know/Refused	5%	5%	4%	5%	4%	6%
Sampling Error (+/-)	4.6	6.5	6.5	8.3	7.9	7.3

	Total	<45	45+	<$50K	$50K+	Non-coll. grad.	Coll. grad.
Is too supportive of Joe Biden	38%	39%	38%	35%	39%	44%	32%
Is not supportive enough of Joe Biden	4%	4%	5%	9%	2%	6%	2%
Expresses about the right amount of support for Joe Biden...	53%	54%	52%	52%	54%	43%	63%
Don't know/Refused	5%	4%	5%	4%	5%	6%	2%
Sampling Error (+/-)	4.6	9.5	5.1	8.5	5.5	6.8	6.0

	Total	White non-coll.	White coll. grad.	Biden Approve	Biden Disapprove
Is too supportive of Joe Biden	38%	47%	33%	3%	68%
Is not supportive enough of Joe Biden	4%	4%	3%	6%	3%
Expresses about the right amount of support for Joe Biden...	53%	42%	62%	91%	22%
Don't know/Refused	5%	7%	3%	1%	7%
Sampling Error (+/-)	4.6	7.3	6.3	6.6	6.4

	Total	Democrat	Independent Other	Republican	Liberal	Moderate	Conservative
Is too supportive of Joe Biden	38%	4%	41%	72%	2%	34%	73%
Is not supportive enough of Joe Biden	4%	5%	4%	4%	3%	6%	3%
Expresses about the right amount of support for Joe Biden...	53%	90%	49%	16%	95%	56%	15%
Don't know/Refused	5%	1%	6%	8%	0%	4%	9%
Sampling Error (+/-)	4.6	6.9	10.3	7.5	9.3	6.8	8.4

	Total	Lean Democrat	Lean Republican	White	Ppl of Color
Is too supportive of Joe Biden	38%	4%	71%	40%	SN
Is not supportive enough of Joe Biden	4%	5%	4%	3%	SN
Expresses about the right amount of support for Joe Biden...	53%	90%	18%	52%	SN
Don't know/Refused	5%	2%	8%	5%	SN
Sampling Error (+/-)	4.6	6.4	6.8	4.9	

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TABLE 014
Question 3PA
3PA. Do you think Mehmet Oz:
Base: Likely Voters

	Total	Men	Women	18-49	50-64	65+
	=====	=====	=====	=====	=====	=====
Is too supportive of Donald Trump	51%	49%	53%	50%	50%	53%
Is not supportive enough of Donald Trump	4%	5%	4%	7%	3%	3%
Expresses about the right amount of support for Donald Trump..	41%	41%	40%	38%	45%	40%
Don't know/Refused	4%	5%	3%	6%	2%	4%
Sampling Error (+/-)	4.6	6.5	6.5	8.3	7.9	7.3

	Total	<45	45+	<$50K	$50K+	Non-coll. grad	Coll. grad.
	=====	=====	=====	=====	=====	=====	=====
Is too supportive of Donald Trump	51%	49%	51%	47%	54%	42%	62%
Is not supportive enough of Donald Trump	4%	9%	3%	8%	3%	6%	3%
Expresses about the right amount of support for Donald Trump..	41%	37%	43%	41%	40%	47%	33%
Don't know/Refused	4%	5%	3%	4%	3%	5%	2%
Sampling Error (+/-)	4.6	9.5	5.1	8.5	5.5	6.8	6.0

	Total	White non-coll.	White coll. grad.	Biden Approve	Biden Disapprove
	=====	=====	=====	=====	=====
Is too supportive of Donald Trump	51%	39%	61%	90%	19%
Is not supportive enough of Donald Trump	4%	5%	3%	1%	7%
Expresses about the right amount of support for Donald Trump..	41%	51%	33%	6%	69%
Don't know/Refused	4%	5%	2%	2%	5%
Sampling Error (+/-)	4.6	7.3	6.3	6.6	6.4

	Total	Democrat	Independnt Other	Republican	Liberal	Moderate	Conservative
	=====	=====	=====	=====	=====	=====	=====
Is too supportive of Donald Trump	51%	89%	43%	15%	90%	60%	8%
Is not supportive enough of Donald Trump	4%	1%	4%	8%	1%	4%	8%
Expresses about the right amount of support for Donald Trump..	41%	7%	49%	72%	7%	35%	76%
Don't know/Refused	4%	3%	5%	5%	3%	2%	8%
Sampling Error (+/-)	4.6	6.9	10.3	7.5	9.3	6.8	8.4

	Total	Lean Democrat	Lean Republican	White	Ppl of Color
	=====	=====	=====	=====	=====
Is too supportive of Donald Trump	51%	90%	15%	49%	SN
Is not supportive enough of Donald Trump	4%	1%	7%	4%	SN
Expresses about the right amount of support for Donald Trump..	41%	6%	72%	43%	SN
Don't know/Refused	4%	3%	5%	4%	SN
Sampling Error (+/-)	4.6	6.4	6.8	4.9	

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TABLE 015
Question 4
4. If the Republicans win control of Congress in this November's elections, do you think the country will be better off, worse off, or will it not make any difference?
Base: Likely Voters

	Total	Men	Women	18-49	50-64	65+
	=====	=====	=====	=====	=====	=====
Better off	46%	46%	47%	45%	45%	48%
Worse off	45%	43%	47%	44%	46%	45%
No difference	9%	11%	6%	11%	8%	6%
Don't know/Refused	*	*	*	0%	0%	1%
Sampling Error (+/-)	4.6	6.5	6.5	8.3	7.9	7.3

	Total	<45	45+	<$50K	$50K+	Non-coll. grad	Coll. grad.
	=====	=====	=====	=====	=====	=====	=====
Better off	46%	44%	47%	45%	46%	56%	35%
Worse off	45%	44%	45%	48%	45%	37%	54%
No difference	9%	12%	7%	7%	9%	7%	10%
Don't know/Refused	*	0%	*	*	*	0%	*
Sampling Error (+/-)	4.6	9.5	5.1	8.5	5.5	6.8	6.0

	Total	White non-coll.	White coll. grad.	Biden Approve	Biden Disapprove
	=====	=====	=====	=====	=====
Better off	46%	59%	37%	1%	83%
Worse off	45%	35%	54%	91%	8%
No difference	9%	5%	8%	8%	9%
Don't know/Refused	*	0%	*	0%	*
Sampling Error (+/-)	4.6	7.3	6.3	6.6	6.4

	Total	Demo-crat	Independnt Other	Republican	Liberal	Moderate	Conservative
	=====	=====	=====	=====	=====	=====	=====
Better off	46%	2%	45%	91%	3%	38%	92%
Worse off	45%	89%	33%	5%	94%	49%	1%
No difference	9%	9%	21%	4%	3%	13%	6%
Don't know/Refused	*	0%	*	*	0%	0%	1%
Sampling Error (+/-)	4.6	6.9	10.3	7.5	9.3	6.8	8.4

	Total	Lean Democrat	Lean Republican	White	Ppl of Color
	=====	=====	=====	=====	=====
Better off	46%	2%	88%	49%	SN
Worse off	45%	89%	4%	44%	SN
No difference	9%	9%	7%	7%	SN
Don't know/Refused	*	0%	*	*	SN
Sampling Error (+/-)	4.6	6.4	6.8	4.9	

CNN/SSRS Poll -- October 13, 2022 to October 17, 2022 - Pennsylvania Likely Voters
TABLE 016
Question 5
5. Which of the following issues will be most important to you when you decide how to vote for Congress?
Base: Likely Voters

	Total	Men	Women	18-49	50-64	65+
	=====	=====	=====	=====	=====	=====
The economy and inflation	44%	47%	40%	43%	43%	44%
Abortion	19%	11%	27%	22%	19%	14%
Voting rights and election integrity	12%	14%	10%	7%	16%	15%
Gun policy	7%	8%	6%	9%	6%	6%
Crime	5%	5%	6%	5%	6%	5%
Climate change	5%	6%	3%	5%	4%	5%
Immigration	4%	4%	4%	4%	3%	5%
Another issue	4%	4%	4%	5%	2%	6%
Don't know/Refused	0%	0%	0%	0%	0%	0%
Sampling Error (+/-)	4.6	6.5	6.5	8.3	7.9	7.3

	Total	<45	45+	<$50K	$50K+	Non-coll. grad	Coll. grad.
	=====	=====	=====	=====	=====	=====	=====
The economy and inflation	44%	44%	43%	45%	42%	49%	37%
Abortion	19%	23%	17%	17%	19%	15%	23%
Voting rights and election integrity	12%	6%	15%	12%	13%	11%	13%
Gun policy	7%	8%	7%	5%	8%	7%	7%
Crime	5%	4%	6%	8%	5%	6%	4%
Climate change	5%	6%	5%	6%	5%	3%	7%
Immigration	4%	4%	4%	3%	4%	5%	2%
Another issue	4%	5%	4%	4%	4%	3%	5%
Don't know/Refused	0%	0%	0%	0%	0%	0%	0%
Sampling Error (+/-)	4.6	9.5	5.1	8.5	5.5	6.8	6.0

	Total	White non-coll.	White coll. grad.	Biden Approve	Biden Disap prove
	=====	=====	=====	=====	=====
The economy and inflation	44%	49%	36%	22%	61%
Abortion	19%	15%	25%	31%	8%
Voting rights and election integrity	12%	12%	13%	19%	6%
Gun policy	7%	7%	7%	9%	6%
Crime	5%	5%	4%	2%	8%
Climate change	5%	3%	7%	10%	1%
Immigration	4%	5%	3%	0%	7%
Another issue	4%	3%	6%	6%	2%
Don't know/Refused	0%	0%	0%	0%	0%
Sampling Error (+/-)	4.6	7.3	6.3	6.6	6.4

	Total	Demo-crat	Independnt Other	Repub lican	Lib-eral	Mode-rate	Cons-serva tive
	=====	=====	=====	=====	=====	=====	=====
The economy and inflation	44%	24%	55%	59%	22%	46%	57%
Abortion	19%	30%	9%	11%	37%	16%	8%
Voting rights and election integrity	12%	18%	10%	7%	13%	15%	8%
Gun policy	7%	9%	10%	5%	7%	9%	6%
Crime	5%	2%	4%	9%	3%	4%	9%
Climate change	5%	9%	3%	1%	12%	4%	0%
Immigration	4%	*	6%	7%	*	3%	8%
Another issue	4%	7%	3%	2%	7%	3%	3%
Don't know/Refused	0%	0%	0%	0%	0%	0%	0%
Sampling Error (+/-)	4.6	6.9	10.3	7.5	9.3	6.8	8.4

CNN/SSRS Poll -- October 13, 2022 to October 17, 2022 - Pennsylvania Likely Voters

TABLE 016
Question 5
5. Which of the following issues will be most important to you when you decide how to vote for Congress?
Base: Likely Voters

	Total	Lean Demo-crat	Lean Repub lican	White	Ppl of Color
	=====	=====	=====	=====	=====
The economy and inflation	44%	26%	60%	43%	SN
Abortion	19%	28%	10%	20%	SN
Voting rights and election integrity	12%	18%	6%	12%	SN
Gun policy	7%	9%	6%	7%	SN
Crime	5%	2%	8%	5%	SN
Climate change	5%	9%	1%	5%	SN
Immigration	4%	*	7%	4%	SN
Another issue	4%	7%	2%	4%	SN
Don't know/Refused	0%	0%	0%	0%	SN
Sampling Error (+/-)	4.6	6.4	6.8	4.9	

CNN/SSRS Poll -- October 13, 2022 to October 17, 2022 - Pennsylvania Likely Voters

TABLE 017
Question 6
6. Would you say that economic conditions in Pennsylvania are:
Base: Likely Voters

	Total	Men	Women	18-49	50-64	65+
Getting better	8%	8%	9%	9%	8%	8%
Getting worse	63%	62%	63%	65%	61%	62%
Staying about the same	29%	30%	28%	26%	31%	30%
Don't know/Refused	*	0%	*	*	0%	0%
Sampling Error (+/-)	4.6	6.5	6.5	8.3	7.9	7.3

	Total	<45	45+	<$50K	$50K+	Non-coll. grad	Coll. grad.
Getting better	8%	10%	8%	11%	7%	5%	12%
Getting worse	63%	63%	63%	66%	60%	69%	54%
Staying about the same	29%	27%	30%	23%	32%	25%	33%
Don't know/Refused	*	*	0%	0%	*	0%	*
Sampling Error (+/-)	4.6	9.5	5.1	8.5	5.5	6.8	6.0

	Total	White non-coll.	White coll. grad.	Biden Approve	Biden Disapprove
Getting better	8%	5%	13%	16%	2%
Getting worse	63%	68%	52%	31%	89%
Staying about the same	29%	27%	35%	53%	9%
Don't know/Refused	*	0%	*	*	0%
Sampling Error (+/-)	4.6	7.3	6.3	6.6	6.4

	Total	Democrat	Independnt Other	Republican	Liberal	Moderate	Conservative
Getting better	8%	17%	4%	1%	19%	8%	1%
Getting worse	63%	34%	68%	89%	32%	59%	92%
Staying about the same	29%	48%	28%	10%	49%	34%	7%
Don't know/Refused	*	*	0%	0%	*	0%	0%
Sampling Error (+/-)	4.6	6.9	10.3	7.5	9.3	6.8	8.4

	Total	Lean Democrat	Lean Republican	White	Ppl of Color
Getting better	8%	17%	1%	9%	SN
Getting worse	63%	35%	89%	61%	SN
Staying about the same	29%	48%	10%	30%	SN
Don't know/Refused	*	*	0%	*	SN
Sampling Error (+/-)	4.6	6.4	6.8	4.9	

CNN/SSRS Poll -- October 13, 2022 to October 17, 2022 - Pennsylvania Likely Voters
TABLE 018
Question 7
7. How confident are you that votes in Pennsylvania will be accurately cast and counted in this year's election?
Base: Likely Voters

	Total	Men	Women	18-49	50-64	65+
	=====	=====	=====	=====	=====	=====
Very/Somewhat confident (Net)	70%	71%	68%	70%	66%	74%
Very confident	41%	41%	41%	43%	37%	41%
Somewhat confident	30%	30%	28%	27%	29%	33%
Just a little/Not at all confident (Net)	30%	29%	32%	30%	34%	26%
Just a little confident	14%	13%	14%	15%	10%	16%
Not at all confident	16%	15%	17%	15%	23%	11%
Don't know/Refused	0%	0%	0%	0%	0%	0%
Sampling Error (+/-)	4.6	6.5	6.5	8.3	7.9	7.3

	Total	<45	45+	<$50K	$50K+	Non-coll. grad	Coll. grad.
	=====	=====	=====	=====	=====	=====	=====
Very/Somewhat confident (Net)	70%	71%	70%	71%	72%	62%	80%
Very confident	41%	43%	40%	40%	42%	35%	47%
Somewhat confident	30%	29%	30%	31%	30%	27%	32%
Just a little/Not at all confident (Net)	30%	29%	30%	29%	28%	38%	20%
Just a little confident	14%	17%	12%	13%	14%	16%	11%
Not at all confident	16%	12%	18%	16%	14%	22%	9%
Don't know/Refused	0%	0%	0%	0%	0%	0%	0%
Sampling Error (+/-)	4.6	9.5	5.1	8.5	5.5	6.8	6.0

	Total	White non-coll.	White coll. grad.	Biden Approve	Biden Disapprove
	=====	=====	=====	=====	=====
Very/Somewhat confident (Net)	70%	62%	79%	96%	49%
Very confident	41%	35%	48%	73%	14%
Somewhat confident	30%	28%	31%	22%	35%
Just a little/Not at all confident (Net)	30%	38%	21%	4%	51%
Just a little confident	14%	14%	12%	3%	23%
Not at all confident	16%	23%	8%	1%	28%
Don't know/Refused	0%	0%	0%	0%	0%
Sampling Error (+/-)	4.6	7.3	6.3	6.6	6.4

	Total	Democrat	Independent Other	Republican	Liberal	Moderate	Conservative
	=====	=====	=====	=====	=====	=====	=====
Very/Somewhat confident (Net)	70%	94%	71%	46%	98%	76%	40%
Very confident	41%	71%	33%	13%	76%	44%	8%
Somewhat confident	30%	23%	38%	33%	21%	33%	31%
Just a little/Not at all confident (Net)	30%	6%	29%	54%	2%	24%	60%
Just a little confident	14%	4%	12%	25%	1%	14%	23%
Not at all confident	16%	2%	17%	29%	1%	9%	37%
Don't know/Refused	0%	0%	0%	0%	0%	0%	0%
Sampling Error (+/-)	4.6	6.9	10.3	7.5	9.3	6.8	8.4

	Total	Lean Democrat	Lean Republican	White	Ppl of Color
	=====	=====	=====	=====	=====
Very/Somewhat confident (Net)	70%	95%	47%	70%	SN
Very confident	41%	72%	12%	41%	SN
Somewhat confident	30%	23%	35%	29%	SN
Just a little/Not at all confident (Net)	30%	5%	53%	30%	SN
Just a little confident	14%	3%	24%	13%	SN
Not at all confident	16%	2%	29%	17%	SN
Don't know/Refused	0%	0%	0%	0%	SN
Sampling Error (+/-)	4.6	6.4	6.8	4.9	

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TABLE 019
Question 8a
8a. Which of these factors will be most important to you in deciding how you will vote for U.S. Senate this year?
Base: Likely Voters

	Total	Men	Women	18-49	50-64	65+
	=====	=====	=====	=====	=====	=====
The character and integrity of the candidates	25%	24%	26%	20%	24%	31%
The candidates' positions on the issues	48%	45%	49%	50%	55%	38%
Which party will control the U.S. Senate	27%	30%	25%	29%	21%	31%
Don't know/Refused	1%	1%	*	1%	0%	*
Sampling Error (+/-)	4.6	6.5	6.5	8.3	7.9	7.3

	Total	<45	45+	<$50K	$50K+	Non-coll. grad	Coll. grad.
	=====	=====	=====	=====	=====	=====	=====
The character and integrity of the candidates	25%	20%	27%	30%	22%	27%	22%
The candidates' positions on the issues	48%	53%	45%	43%	51%	42%	54%
Which party will control the U.S. Senate	27%	26%	28%	26%	27%	30%	24%
Don't know/Refused	1%	1%	*	1%	*	1%	*
Sampling Error (+/-)	4.6	9.5	5.1	8.5	5.5	6.8	6.0

	Total	White non-coll.	White coll. grad.	Biden Ap-prove	Biden Disap prove
	=====	=====	=====	=====	=====
The character and integrity of the candidates	25%	24%	22%	27%	22%
The candidates' positions on the issues	48%	42%	53%	47%	48%
Which party will control the U.S. Senate	27%	33%	25%	24%	30%
Don't know/Refused	1%	1%	*	1%	0%
Sampling Error (+/-)	4.6	7.3	6.3	6.6	6.4

	Total	Demo-crat	Indep endnt Other	Repub lican	Lib-eral	Mode-rate	Cons-serva tive
	=====	=====	=====	=====	=====	=====	=====
The character and integrity of the candidates	25%	29%	24%	20%	21%	31%	19%
The candidates' positions on the issues	48%	45%	54%	48%	49%	48%	46%
Which party will control the U.S. Senate	27%	24%	22%	33%	28%	21%	35%
Don't know/Refused	1%	1%	0%	0%	2%	*	0%
Sampling Error (+/-)	4.6	6.9	10.3	7.5	9.3	6.8	8.4

	Total	Lean Demo-crat	Lean Repub lican	White	Ppl of Color
	=====	=====	=====	=====	=====
The character and integrity of the candidates	25%	30%	19%	23%	SN
The candidates' positions on the issues	48%	46%	49%	47%	SN
Which party will control the U.S. Senate	27%	23%	32%	29%	SN
Don't know/Refused	1%	1%	0%	1%	SN
Sampling Error (+/-)	4.6	6.4	6.8	4.9	

CNN/SSRS Poll -- October 13, 2022 to October 17, 2022 - Pennsylvania Likely Voters
Question V9
V9. How motivated, if at all, would you say you are about voting in this year's election?
Base: Likely voters

	Total	Men	Women	18-49	50-64	65+
	=====	=====	=====	=====	=====	=====
Extremely/Very motivated (Net)	90%	88%	91%	84%	91%	95%
Extremely motivated	69%	68%	71%	57%	72%	81%
Very motivated	20%	20%	20%	26%	19%	14%
Somewhat motivated	9%	10%	8%	14%	7%	4%
Not too/Not at all motivated (Net)	1%	2%	1%	2%	2%	*
Not too motivated	1%	2%	1%	2%	2%	*
Not at all motivated	*	*	0%	*	0%	*
Don't know/Refused	*	*	0%	0%	0%	*
Sampling Error (+/-)	4.6	6.5	6.5	8.3	7.9	7.3

	Total	<45	45+	<$50K	$50K+	Non-coll. grad	Coll. grad.
	=====	=====	=====	=====	=====	=====	=====
Extremely/Very motivated (Net)	90%	83%	92%	84%	92%	88%	91%
Extremely motivated	69%	57%	75%	63%	72%	67%	72%
Very motivated	20%	26%	18%	21%	20%	21%	19%
Somewhat motivated	9%	15%	6%	13%	7%	10%	8%
Not too/Not at all motivated (Net)	1%	2%	1%	3%	1%	2%	1%
Not too motivated	1%	2%	1%	3%	1%	2%	1%
Not at all motivated	*	*	*	*	*	*	*
Don't know/Refused	*	0%	*	*	0%	0%	*
Sampling Error (+/-)	4.6	9.5	5.1	8.5	5.5	6.8	6.0

	Total	White non-coll.	White coll. grad.	Biden Approve	Biden Disapprove
	=====	=====	=====	=====	=====
Extremely/Very motivated (Net)	90%	90%	93%	93%	87%
Extremely motivated	69%	68%	75%	74%	65%
Very motivated	20%	22%	18%	18%	22%
Somewhat motivated	9%	9%	6%	7%	11%
Not too/Not at all motivated (Net)	1%	1%	1%	1%	2%
Not too motivated	1%	1%	1%	1%	2%
Not at all motivated	*	*	*	0%	*
Don't know/Refused	*	0%	*	0%	*
Sampling Error (+/-)	4.6	7.3	6.3	6.6	6.4

	Total	Democrat	Independnt Other	Republican	Liberal	Moderate	Conservative
	=====	=====	=====	=====	=====	=====	=====
Extremely/Very motivated (Net)	90%	91%	81%	91%	96%	82%	95%
Extremely motivated	69%	73%	55%	71%	76%	59%	78%
Very motivated	20%	19%	26%	20%	20%	23%	16%
Somewhat motivated	9%	9%	17%	6%	3%	16%	4%
Not too/Not at all motivated (Net)	1%	*	2%	3%	*	2%	1%
Not too motivated	1%	0%	2%	3%	*	2%	1%
Not at all motivated	*	*	1%	0%	0%	*	0%
Don't know/Refused	*	0%	0%	*	0%	0%	*
Sampling Error (+/-)	4.6	6.9	10.3	7.5	9.3	6.8	8.4

	Total	Lean Democrat	Lean Republican	White	Ppl of Color
	=====	=====	=====	=====	=====
Extremely/Very motivated (Net)	90%	91%	88%	91%	SN
Extremely motivated	69%	72%	68%	71%	SN
Very motivated	20%	19%	20%	20%	SN
Somewhat motivated	9%	9%	9%	7%	SN
Not too/Not at all motivated (Net)	1%	*	3%	1%	SN
Not too motivated	1%	*	3%	1%	SN
Not at all motivated	*	*	0%	*	SN
Don't know/Refused	*	0%	*	*	SN
Sampling Error (+/-)	4.6	6.4	6.8	4.9	