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UMass Lowell YouGov Survey of Pennsylvania Likely Voters

Survey produced by Dr. John Cluverius, Director of Survey Research

Field Dates October 29, 2024

N=800 Pennsylvania Likely Voters
Adjusted Margin of Error: ±3.97%

Margins of error have been adjusted to include
design effects resulting from weighting and survey design features

Methodology in Brief

YouGov interviewed 876 Pennsylvania residents who were then matched down to a sample of 800 to produce the final dataset. The respondents were matched to a sampling frame on gender, age, race, and education. The sampling frame is a Pennsylvania, registered voter subset, of a politically representative "modeled frame" of US adults, based upon the American Community Survey (ACS) public use microdata file, public voter file records, the 2020 Current Population Survey (CPS) Voting and Registration supplement, the 2020 National Election Pool (NEP) exit poll, and the 2020 CES surveys, including demographics and 2020 presidential vote. The matched cases were weighted to the sampling frame using propensity scores. The matched cases and the frame were combined. Logistic regression was estimated for inclusion in the frame. The propensity score function included age, gender, race/ethnicity, and years of education. The propensity scores were grouped into deciles of the estimated propensity score in the frame, and then poststratified according to these deciles. Then, likely voter profiles were given slightly more weight than their unlikely voter counterparts, based on behavioral questions related to previous vote history, attention to the election, and likelihood of voting. Finally, the weights were then poststratified on 2020 presidential vote choice as well as gender, age (4 categories), race (2 categories), and education (4

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1. If the 2024 Presidential election were held today, and the candidates were Kamala Harris, Donald Trump, Jill Stein, and Chase Oliver, for whom would you vote?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Kamala Harris	46%	92%	32%	4%	53%	39%	45%	45%	44%	51%
Donald Trump	45%	5%	37%	90%	36%	52%	48%	44%	49%	43%
Jill Stein	1%	1%	2%	1%	1%	2%	1%	2%	1%	
Chase Oliver	0%		1%	0%	1%	0%			0%	0%
Another Candidate	1%	0%	4%	2%	1%	2%	1%	2%	0%	2%
Undecided	6%	3%	24%	3%	8%	4%	6%	7%	5%	4%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Kamala Harris	46%	41%	55%	41%	49%
Donald Trump	45%	49%	38%	52%	40%
Jill Stein	1%	1%	1%	1%	1%
Chase Oliver	0%	0%	0%	1%	
Another Candidate	1%	1%	3%	2%	1%
Undecided	6%	8%	3%	3%	8%

	Total	Race			Church Attendance	
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week

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2. Will you definitely vote for Kamala Harris over the other candidates in the presidential election or is there a chance you could change your mind and vote for someone else?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Definitely vote for Kamala Harris	94%	97%			92%	96%	96%	95%	94%	92%
Could change mind	6%	3%			8%	4%	4%	5%	6%	8%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Definitely vote for Kamala Harris	94%	95%	94%	97%	92%
Could change mind	6%	5%	6%	3%	8%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Definitely vote for Kamala Harris	94%	94%	96%		95%	93%	96%
Could change mind	6%	6%	4%		5%	7%	4%

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3. Will you definitely vote for Donald Trump over the other candidates in the presidential election or is there a chance you could change your mind and vote for someone else?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Definitely vote for Donald Trump	94%			97%	91%	95%	97%	97%	90%	94%
Could change mind	6%			3%	9%	5%	3%	3%	10%	6%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Definitely vote for Donald Trump	94%	94%	94%	96%	93%
Could change mind	6%	6%	6%	4%	7%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Definitely vote for Donald Trump	94%	95%			96%	94%	93%
Could change mind	6%	5%			4%	6%	7%

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5. Will you definitely vote for Bob Casey, Jr. over the other candidates in the U.S. Senate election or is there a chance you could change your mind and vote for someone else?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Definitely vote for Bob Casey, Jr.	88%	94%			84%	88%	93%	86%	89%	89%
Could change mind	12%	6%			16%	12%	7%	14%	11%	11%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Definitely vote for Bob Casey, Jr.	88%	84%	93%	88%	87%
Could change mind	12%	16%	7%	12%	13%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Definitely vote for Bob Casey, Jr.	88%	89%	91%		88%	86%	91%
Could change mind	12%	11%	9%		12%	14%	9%

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6. Will you definitely vote for David McCormick over the other candidates in the U.S. Senate election or is there a chance you could change your mind and vote for someone else?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Definitely vote for David McCormick	85%			88%	78%	85%	92%	85%	86%	84%
Could change mind	15%			12%	22%	15%	8%	15%	14%	16%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Definitely vote for David McCormick	85%	87%	82%	88%	82%
Could change mind	15%	13%	18%	12%	18%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Definitely vote for David McCormick	85%	85%			81%	86%	85%
Could change mind	15%	15%			19%	14%	15%

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7. Looking at the entire presidential ballot, how happy or unhappy are you with your choices this year?

Leaned Party ID	Age	Income
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9. Who do you think will eventually win the presidential election?

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10. Do you feel things in this country are generally going in the right direction or do you feel things have pretty seriously gotten off on the wrong track?

	Leaned Party ID			Age			Income			
	Total	Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Right direction	29%	59%	10%	4%	29%	26%	32%	26%	29%	34%
Wrong track	71%	41%	90%	96%	71%	74%	68%	74%	71%	66%

	Education		Gender		
	Total	No 4-Yr Degree	4-Yr Degree+	Man	Woman
Right direction	29%	24%	36%	29%	28%
Wrong track	71%	76%	64%	71%	72%

	Race			Church Attendance			
	Total	White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Right direction	29%	25%	52%	33%	34%	26%	26%
Wrong track	71%	75%	48%	67%	66%	74%	74%

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11. Would you say that you approve or disapprove of the way Joe Biden is handling his job as president?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Strongly approve	18%	38%	5%	1%	13%	16%	26%	19%	15%	19%
Somewhat approve	22%	42%	18%	3%	28%	21%	16%	18%	27%	24%
Strongly disapprove	44%	5%	48%	83%	35%	52%	47%	45%	45%	39%
Somewhat disapprove	16%	14%	29%	13%	24%	11%	10%	18%	13%	18%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Strongly approve	18%	17%	19%	17%	18%
Somewhat approve	22%	20%	27%	20%	23%
Strongly disapprove	44%	49%	37%	51%	40%
Somewhat disapprove	16%	15%	18%	12%	19%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Strongly approve	18%	16%	33%	18%	20%	16%	16%
Somewhat approve	22%	20%	37%	23%	27%	23%	14%
Strongly disapprove	44%	49%	14%	36%	35%	48%	54%
Somewhat disapprove	16%	15%	16%	23%	18%	14%	16%

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12. Would you say that you approve or disapprove of the way Josh Shapiro is handling his job as Governor of Pennsylvania?

Leaned Party ID	Age	Income
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13. On most issues, how do you think Kamala Harris' position is different from Joe Biden's?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Harris is more liberal than Biden	50%	33%	49%	68%	48%	54%	45%	45%	50%	53%
Harris is more conservative than Biden	5%	8%	3%	2%	6%	6%	2%	7%	4%	5%
Harris and Biden are mostly similar	46%	59%	48%	30%	46%	39%	53%	48%	46%	42%

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14. In the past six months, has it gotten easier or harder for you to pay for basic necessities like housing, food, clothing, and medical care?

	Leaned Party ID			Age			Income			
	Total	Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Much harder	26%	9%	47%	37%	22%	32%	25%	36%	22%	18%
Somewhat harder	31%	22%	27%	42%	34%	26%	32%	29%	32%	31%
Stayed about the same	35%	54%	23%	20%	34%	33%	39%	28%	38%	41%
Somewhat easier	6%	12%		1%	6%	7%	3%	7%	6%	6%
Much easier	2%	3%	3%	0%	3%	1%	1%	1%	3%	3%

	Education		Gender		
	Total	No 4-Yr Degree	4-Yr Degree+	Man	Woman
Much harder	26%	30%	20%	25%	28%
Somewhat harder	31%	33%	27%	29%	33%
Stayed about the same	35%	29%	45%	36%	34%
Somewhat easier	6%	6%	6%	7%	5%
Much easier	2%	2%	2%	2%	1%

	Race	Church Attendance
Total	chit7 8.518	rch Attendance

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15. Do you think that the winner of the 2024 presidential election will make things better for people struggling to make ends meet, make things worse for people struggling to make ends meet, or will it not matter much?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Will make things better	51%	56%	31%	54%	50%	49%	57%	49%	50%	57%
Will make things worse	8%	4%	17%	10%	10%	9%	5%	11%	6%	9%
It won't matter much	40%	40%	53%	36%	41%	43%	37%	40%	44%	33%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Will make things better	51%	50%	53%	54%	49%
Will make things worse	8%	8%	8%	7%	10%
It won't matter much	40%	41%	39%	40%	42%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Will make things better	51%	50%	60%	51%	45%	55%	56%
Will make things worse	8%	8%	7%	13%	8%	7%	11%
It won't matter much	40%	42%	33%	36%	47%	38%	34%

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17. How much pressure should the U.S. government put on the Israeli government to end Israeli occupation of the Palestinian territories to help resolve the conflict permanently?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Much more	20%	35%	15%	6%	28%	14%	17%	17%	19%	25%
Somewhat more	20%	30%	15%	10%	19%	18%	22%	18%	26%	17%
About the same amount	29%	27%	33%	31%	28%	30%	32%	35%	25%	27%
Somewhat less	9%	4%	11%	14%	11%	10%	4%	8%	10%	7%
Much less	22%	4%	26%	39%	14%	28%	26%	22%	20%	23%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Much more	20%	17%	25%	20%	19%
Somewhat more	20%	19%	21%	18%	21%
About the same amount	29%	32%	25%	26%	33%
Somewhat less	9%	9%	8%	9%	9%
Much less	22%	23%	21%	27%	18%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Much more	20%	19%	25%	25%	27%	18%	12%
Somewhat more	20%	18%	26%	29%	20%	20%	19%
About the same amount	29%	30%	32%	19%	26%	31%	30%
Somewhat less	9%	10%	5%	5%	9%	9%	9%
Much less	22%	23%	12%	23%	19%	21%	31%

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18. Since October 2023 the U.S. Government has sent over 500 shipments of weapons to Israel. How much do you support or oppose the United States withholding additional weapons transfers to Israel until Israeli attacks on Gaza stop?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Strongly support	26%	35%	38%	13%	40%	20%	15%	31%	22%	23%
Somewhat support	30%	38%	33%	21%	30%	32%	27%	30%	30%	30%
Somewhat oppose	22%	20%	13%	26%	17%	22%	28%	20%	27%	19%
Strongly oppose	22%	7%	16%	41%	14%	26%	29%	19%	21%	29%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Strongly support	26%	26%	26%	26%	25%
Somewhat support	30%	31%	28%	24%	36%
Somewhat oppose	22%	22%	21%	21%	23%
Strongly oppose	22%	20%	26%	30%	17%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Strongly support	26%	24%	31%	38%	41%	19%	15%
Somewhat support	30%	30%	35%	28%	27%	32%	30%
Somewhat oppose	22%	22%	21%	16%	18%	24%	23%
Strongly oppose	22%	24%	13%	18%	14%	25%	33%

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19. Do you think that criticizing Israel or actions of the Israeli government is by its nature antisemitic or is it a legitimate criticism of a foreign government?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Mostly antisemitic	12%	4%	6%	21%	7%	12%	18%	11%	12%	10%
Somewhat antisemitic	21%	14%	24%	27%	15%	24%	23%	23%	22%	16%
Somewhat legitimate	39%	38%	46%	39%	42%	39%	37%	42%	38%	41%
Mostly legitimate	28%	44%	25%	13%	36%	25%	23%	24%	28%	33%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Mostly antisemitic	12%	12%	11%	14%	10%
Somewhat antisemitic	21%	22%	18%	14%	27%
Somewhat legitimate	39%	41%	36%	40%	40%
Mostly legitimate	28%	25%	35%	33%	23%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Mostly antisemitic	12%	12%	11%	8%	7%	12%	19%
Somewhat antisemitic	21%	20%	16%	29%	17%	25%	21%
Somewhat legitimate	39%	38%	51%	36%	35%	41%	41%
Mostly legitimate	28%	29%	23%	27%	42%	22%	19%

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20. Student-led protests over the Israel-Hamas war have emerged at dozens of American colleges and universities. Do you think that these protests are the right thing for students to do or the wrong thing for students to do?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
De nitely the right thing	12%	23%	6%	3%	19%	10%	4%	11%	11%	15%
Probably the right thing	27%	41%	30%	12%	35%	23%	22%	30%	26%	27%
Probably not the right	25%	25%	34%	22%	23%	24%	28%	23%	27%	22%
De nitely not the right thing	36%	11%	30%	63%	22%	42%	46%	36%	37%	36%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
De nitely the right thing	12%	11%	15%	12%	11%
Probably the right thing	27%	26%	30%	23%	31%
Probably not the right	25%	27%	21%	24%	26%
De nitely not the right thing	36%	37%	34%	41%	33%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
De nitely the right thing	12%	11%	18%	15%	18%	11%	5%
Probably the right thing	27%	24%	44%	41%	31%	29%	20%
Probably not the right	25%	26%	25%	15%	23%	23%	30%
De nitely not the right thing	36%	39%	13%	29%	29%	37%	45%

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21. When it comes to migrants from other countries, do you think that the government is doing too much, too little, or about the right amount to help them find jobs and housing in the United States?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Too much	51%	23%	57%	79%	40%	63%	53%	52%	54%	47%
Too little	22%	36%	16%	10%	32%	17%	15%	22%	23%	24%
About the right amount	26%	41%	26%	11%	28%	20%	31%	26%	23%	29%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Too much	51%	57%	42%	53%	51%
Too little	22%	19%	28%	21%	22%
About the right amount	26%	24%	30%	25%	27%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Too much	51%	54%	44%	34%	46%	54%	57%
Too little	22%	21%	23%	38%	26%	21%	18%
About the right amount	26%	25%	33%	28%	27%	25%	25%

Likely PA Voters

October 2024

22. When it comes to the number of immigrants from foreign countries who are legally permitted to come to the United States to live, do you think that

Likely PA Voters

October 2024

23. During the presidential campaign, would you rather candidates talk more about how immigrants strengthen America or about how immigrants weaken America?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Much more about how they strengthen	24%	49%	3%	5%	28%	19%	24%	21%	22%	29%
Somewhat more about how they strengthen	29%	35%	37%	20%	31%	29%	26%	29%	32%	29%
Somewhat more about how they weaken	23%	10%	33%	34%	27%	24%	17%	21%	25%	26%
Much more about how they weaken	24%	6%	27%	41%	13%	29%	33%	29%	21%	16%

Likely PA Voters

Likely PA Voters

October 2024

26. Regardless of who you plan to vote for, how confident are you that your vote will be accurately counted?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Very confident	39%	68%	30%	13%	40%	36%	44%	39%	38%	44%
Somewhat confident	32%	23%	22%	46%	35%	32%	30%	30%	36%	33%
A little confident	17%	6%	38%	21%	17%	19%	16%	19%	16%	15%
Not at all confident	11%	3%	11%	19%	9%	14%	11%	12%	10%	8%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Very confident	39%	36%	46%	39%	39%
Somewhat confident	32%	33%	31%	34%	32%
A little confident	17%	19%	14%	17%	17%
Not at all confident	11%	12%	9%	10%	12%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Very confident	39%	38%	49%	44%	45%	38%	31%
Somewhat confident	32%	33%	31%	25%	27%	36%	36%
A little confident	17%	17%	12%	25%	15%	17%	21%
Not at all confident	11%	12%	9%	6%	12%	9%	12%

Likely PA Voters

October 2024

27. Do you think that there should or should not be a right to get an abortion in every state in the United States?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
De nitely should be a right to an abortion	53%	81%	54%	22%	62%	46%	48%	52%	47%	58%
Probably should be a right to an abortion	22%	14%	25%	29%	17%	26%	21%	26%	23%	19%
Probably should not be a right to an abortion	12%	3%	6%	24%	8%	13%	18%	12%	14%	10%
De nitely should not be a right to an abortion	14%	2%	15%	26%	13%	15%	13%	10%	17%	13%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
De nitely should be a right to an abortion	53%	49%	59%	44%	58%
Probably should be a right to an abortion	22%	24%	18%	25%	19%
Probably should not be a right to an abortion	12%	15%	8%	13%	11%
De nitely should not be a right to an abortion	14%	13%	15%	17%	11%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
De nitely should be a right to an abortion	53%	51%	67%	53%	71%	51%	26%
Probably should be a right to an abortion	22%	21%	18%	31%	17%	24%	24%
Probably should not be a right to an abortion	12%	13%	8%	6%	5%	15%	19%
De nitely should not be a right to an abortion	14%	15%	7%	11%	7%	10%	31%

Likely PA Voters

October 2024

28. How much do you support or oppose a law establishing a nationwide right to an abortion?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Strongly support	46%	72%	50%	19%	56%	39%	42%	44%	44%	50%
Somewhat support	18%	12%	21%	24%	16%	22%	16%	19%	23%	17%
Somewhat oppose	11%	5%	6%	18%	9%	11%	13%	12%	10%	9%
Strongly oppose	25%	12%	23%	39%	19%	28%	28%	25%	23%	24%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Strongly support	46%	43%	53%	41%	50%
Somewhat support	18%	20%	15%	17%	19%
Somewhat oppose	11%	14%	6%	12%	10%
Strongly oppose	25%	24%	27%	30%	21%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Strongly support	46%	47%	45%	45%	65%	43%	22%
Somewhat support	18%	17%	16%	32%	12%	21%	23%
Somewhat oppose	11%	11%	11%	9%	5%	14%	13%
Strongly oppose	25%	25%	28%	14%	18%	22%	42%

Likely PA Voters

October 2024

29. How much do you support or oppose a law establishing a nationwide ban on abortion at 15 weeks?

	Leaned Party ID			Age			Income			
	Total	Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Strongly support	19%	8%	12%	32%	15%	19%	22%	15%	21%	17%
Somewhat support	19%	13%	15%	28%	17%	19%	24%	20%	21%	18%
Somewhat oppose	22%	21%	26%	23%	22%	26%	18%	25%	24%	19%
Strongly oppose	40%	58%	47%	18%	46%	35%	36%	40%	33%	45%

	Education		Gender		
	Total	No 4-Yr Degree	4-Yr Degree+	Man	Woman
Strongly support	19%	20%	16%	20%	18%
Somewhat support	19%	22%	15%	20%	19%
Somewhat oppose	22%	25%	19%	21%	23%
Strongly oppose	40%	33%	50%	39%	40%

Likely PA Voters

October 2024

30. How much do you support or oppose leaving it up to the states to decide whether abortion is legal in each state?

Leaned Party ID	Age	Income
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Likely PA Voters

October 2024

31. Regardless of who wins the 2024 Presidential elections, how much do you support or oppose full pardons for all Americans arrested for their participation in the riot at the U.S. Capitol on January 6, 2021?

	Leaned Party ID			Age			Income			
	Total	Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Strongly support	21%	5%	16%	40%	14%	26%	26%	20%	22%	20%
Somewhat support	16%	3%	16%	29%	17%	18%	11%	16%	16%	17%
Somewhat oppose	15%	9%	27%	18%	21%	11%	12%	16%	15%	15%
Strongly oppose	48%	83%	41%	14%	48%	45%	50%	48%	46%	49%

	Education		Gender	
	Total	No 4-Yr Degree	4-Yr Degree+	Man

Strongly support

Likely PA Voters

October 2024

32. Who do you think would be better suited to serve as President if their running mate were not able to do the job?

Total	Leaned Party ID			Age			Income		
	Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+

JD Vance

Likely PA Voters

October 2024

33. Which cheese is best on a cheesesteak?

		Leaned Party ID			Age			Income		
	Total	Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Provolone	43%	39%	44%	46%	40%	42%	47%	46%	45%	38%
American	30%	32%	34%	26%	30%	27%	32%	34%	26%	27%
Cheez Whiz	18%	20%	10%	19%	20%	21%	12%	13%	22%	23%
None of the above	9%	9%	12%	8%	9%	10%	9%	7%	7%	12%

Likely PA Voters

October 2024

35. Which pierogi filling is the best?

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Potato and cheese	58%	57%	54%	60%	61%	60%	51%	61%	56%	54%
Potato and onion	23%	24%	29%	20%	21%	25%	23%	20%	24%	27%
Sauerkraut	4%	4%	6%	3%	6%	2%	4%	3%	3%	5%
Another avor	2%	2%	1%	2%	1%	1%	3%	2%	1%	1%
I don't like any pierogi avor	14%	14%	10%	16%	12%	12%	19%	14%	15%	13%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Potato and cheese	58%	60%	54%	56%	59%
Potato and onion	23%	21%	27%	24%	22%
Sauerkraut	4%	4%	4%	4%	4%
Another avor	2%	2%	1%	1%	2%
I don't like any pierogi avor	14%	14%	13%	15%	13%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Potato and cheese	58%	62%	39%	38%	55%	59%	60%
Potato and onion	23%	21%	27%	38%	23%	25%	19%
Sauerkraut	4%	4%	5%	2%	3%	3%	6%
Another avor	2%	2%	1%	1%	2%	2%	
I don't like any pierogi avor	14%	11%	27%	21%	17%	11%	15%

Likely PA Voters

October 2024

36. We'd like to ask you about how you feel about a number of public gures. Please let us know if overall, you have a favorable or unfavorable impression of them. – Donald Trump

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Favorable	42%	4%	31%	84%	34%	47%	45%	42%	45%	37%
Unfavorable	53%	92%	52%	13%	58%	47%	52%	53%	49%	57%
No Opinion	5%	4%	15%	3%	7%	5%	3%	5%	6%	6%
Never heard of	0%		1%		1%			1%		

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Favorable	42%	46%	34%	48%	38%
Unfavorable	53%	49%	59%	48%	55%
No Opinion	5%	4%	7%	4%	7%
Never heard of	0%	0%			0%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Favorable	42%	46%	16%	29%	29%	43%	59%
Unfavorable	53%	48%	77%	70%	65%	49%	39%
No Opinion	5%	6%	7%	1%	6%	7%	3%
Never heard of	0%	0%				1%	

Likely PA Voters

October 2024

38. We'd like to ask you about how you feel about a number of public gures. Please let us know if overall, you have a favorable or unfavorable impression of them. – Joe Biden

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Favorable	39%	79%	21%	4%	39%	36%	43%	36%	41%	43%
Unfavorable	53%	13%	63%	92%	48%	59%	53%	52%	53%	53%
No Opinion	7%	8%	13%	4%	11%	5%	4%	12%	5%	4%
Never heard of	1%		3%	0%	1%			1%	1%	

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Favorable	39%	35%	46%	37%	40%
Unfavorable	53%	57%	48%	58%	51%
No Opinion	7%	7%	7%	5%	9%
Never heard of	1%	1%		0%	1%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Favorable	39%	35%	71%	45%	46%	38%	31%
Unfavorable	53%	58%	20%	46%	46%	54%	64%
No Opinion	7%	7%	8%	7%	8%	7%	4%
Never heard of	1%	0%	1%	3%	0%	1%	1%

Likely PA Voters

October 2024

39. We'd like to ask you about how you feel about a number of public figures. Please let us know if overall, you have a favorable or unfavorable impression of them. – Kamala Harris

	Leaned Party ID			Age			Income			
	Total	Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Favorable	44%	89%	21%	5%	48%	38%	45%	43%	44%	47%
Unfavorable	50%	7%	57%	93%	42%	57%	52%	49%	51%	49%

Likely PA Voters

October 2024

40. We'd like to ask you about how you feel about a number of public figures. Please let us know if overall, you have a favorable or unfavorable impression of them. – Robert F. Kennedy Jr.

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Favorable	34%	13%	42%	53%	27%	38%	39%	32%	36%	35%
Unfavorable	40%	69%	23%	15%	38%	38%	44%	37%	40%	45%
No Opinion	25%	17%	33%	30%	31%	24%	17%	28%	22%	20%
Never heard of	1%	1%	2%	2%	4%	0%		3%	1%	

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Favorable	34%	35%	32%	34%	35%
Unfavorable	40%	36%	47%	40%	39%
No Opinion	25%	27%	21%	26%	24%
Never heard of	1%	2%		1%	2%

Likely PA Voters

October 2024

41. We'd like to ask you about how you feel about a number of public gures. Please let us know if overall, you have a favorable or unfavorable impression of them. – Bob Casey Jr.

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Favorable	42%	76%	34%	9%	36%	42%	50%	41%	44%	45%
Unfavorable	39%	5%	38%	75%	30%	47%	43%	38%	41%	37%
No Opinion	17%	17%	29%	14%	30%	10%	7%	18%	14%	18%
Never heard of	2%	2%		2%	3%	1%		3%	1%	

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Favorable	42%	39%	47%	41%	43%
Unfavorable	39%	41%	36%	45%	35%
No Opinion	17%	18%	15%	13%	21%
Never heard of	2%	2%	1%	1%	2%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Favorable	42%	38%	62%	55%	50%	41%	32%
Unfavorable	39%	44%	12%	21%	31%	41%	50%
No Opinion	17%	16%	25%	23%	16%	17%	16%
Never heard of	2%	2%	1%		2%	1%	2%

Likely PA Voters

October 2024

42. We'd like to ask you about how you feel about a number of public figures. Please let us know if overall, you have a favorable or unfavorable impression of them. – John Fetterman

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Favorable	40%	63%	39%	16%	33%	40%	49%	39%	41%	40%
Unfavorable	38%	15%	31%	64%	35%	43%	35%	34%	43%	36%
No Opinion	21%	21%	27%	18%	27%	17%	16%	23%	14%	24%
Never heard of	2%	2%	3%	2%	5%	0%		4%	3%	

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Favorable	40%	36%	45%	39%	41%
Unfavorable	38%	39%	35%	44%	33%
No Opinion	21%	22%	18%	16%	24%
Never heard of	2%	3%	1%	1%	3%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Favorable	40%	37%	57%	44%	41%	43%	34%
Unfavorable	38%	43%	9%	20%	37%	34%	45%
No Opinion	21%	18%	33%	32%	21%	21%	18%
Never heard of	2%	2%	2%	4%	1%	2%	2%

Likely PA Voters

October 2024

44. We'd like to ask you about how you feel about a number of public figures. Please let us know if overall, you have a favorable or unfavorable impression of them. – Mike Johnson

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Favorable	15%	4%	7%	30%	10%	19%	18%	10%	21%	15%
Unfavorable	31%	50%	32%	11%	27%	31%	37%	27%	34%	34%
No Opinion	31%	27%	31%	35%	37%	30%	24%	34%	27%	32%
Never heard of	23%	19%	29%	24%	26%	20%	21%	28%	18%	19%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Favorable	15%	15%	16%	18%	13%
Unfavorable	31%	27%	38%	39%	24%
No Opinion	31%	33%	29%	28%	34%
Never heard of	23%	26%	17%	16%	28%

	Race	Church Attendance
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Likely PA Voters

October 2024

45. We'd like to ask you about how you feel about a number of public figures. Please let us know if overall, you have a favorable or unfavorable impression of them. – Taylor Swift

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Favorable	38%	65%	23%	16%	38%	36%	41%	34%	40%	45%
Unfavorable	36%	9%	45%	61%	32%	39%	39%	40%	36%	32%
No Opinion	25%	25%	31%	23%	29%	24%	20%	26%	23%	23%
Never heard of	0%	1%	1%		1%	0%	0%	1%	1%	

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Favorable	38%	35%	44%	37%	40%
Unfavorable	36%	40%	29%	39%	34%
No Opinion	25%	24%	26%	23%	26%
Never heard of	0%	1%		0%	0%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Favorable	38%	35%	51%	50%	43%	40%	29%
Unfavorable	36%	40%	19%	24%	32%	34%	48%
No Opinion	25%	25%	29%	23%	25%	26%	22%
Never heard of	0%	0%	1%	3%	0%		1%

Likely PA Voters

October 2024

46. We'd like to ask you about how you feel about a number of public figures. Please let us know if overall, you have a favorable or unfavorable impression of them. – James Franklin

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Favorable	10%	10%	4%	12%	11%	10%	10%	6%	13%	15%
Unfavorable	6%	5%	7%	6%	6%	8%	3%	5%	6%	8%
No Opinion	33%	36%	33%	30%	34%	33%	31%	37%	32%	28%
Never heard of	51%	49%	55%	51%	49%	49%	56%	52%	49%	48%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Favorable	10%	9%	13%	14%	7%
Unfavorable	6%	5%	8%	11%	2%
No Opinion	33%	34%	32%	29%	36%
Never heard of	51%	53%	48%	46%	55%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Favorable	10%	10%	10%	13%	8%	11%	12%
Unfavorable	6%	6%	6%	1%	7%	6%	5%
No Opinion	33%	32%	34%	40%	26%	36%	38%
Never heard of	51%	52%	50%	46%	59%	47%	45%

Likely PA Voters

October 2024

47. We'd like to ask you about how you feel about a number of public gures. Please let us know if overall, you have a favorable or unfavorable impression of them. – Gritty

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Favorable	23%	36%	16%	13%	32%	19%	16%	15%	23%	36%
Unfavorable	7%	4%	6%	9%	8%	6%	5%	5%	7%	9%
No Opinion	21%	23%	23%	19%	26%	20%	16%	23%	18%	22%
Never heard of	49%	36%	55%	59%	34%	54%	62%	57%	51%	33%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Favorable	23%	17%	35%	23%	23%
Unfavorable	7%	6%	8%	10%	4%
No Opinion	21%	22%	21%	20%	22%
Never heard of	49%	56%	37%	47%	51%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Favorable	23%	24%	21%	25%	29%	23%	16%
Unfavorable	7%	7%	3%	6%	6%	5%	11%
No Opinion	21%	20%	31%	21%	20%	20%	24%
Never heard of	49%	49%	46%	47%	45%	52%	48%

Likely PA Voters

Likely PA Voters

October 2024

49. We'd like to ask you about how you feel about a number of public gures. Please let us know if overall, you have a favorable or unfavorable impression of them. – JD Vance

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Favorable	38%	5%	27%	77%	29%	44%	45%	32%	43%	41%
Unfavorable	45%	80%	45%	7%	48%	41%	45%	44%	42%	50%
No Opinion	16%	15%	28%	14%	21%	15%	11%	21%	15%	10%
Never heard of	1%	0%		2%	2%	0%		3%	0%	

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Favorable	38%	38%	38%	45%	33%
Unfavorable	45%	40%	52%	41%	47%
No Opinion	16%	20%	10%	14%	18%
Never heard of	1%	2%		0%	2%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Favorable	38%	43%	13%	23%	25%	42%	54%
Unfavorable	45%	42%	52%	62%	59%	40%	31%
No Opinion	16%	15%	33%	9%	16%	16%	15%
Never heard of	1%	0%	1%	7%	1%	2%	0%

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50. We'd like to ask you about how you feel about a number of public gures. Please let us know if overall, you have a favorable or unfavorable impression of them. – Tim Walz

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Favorable	43%	82%	33%	6%	46%	38%	45%	42%	42%	48%
Unfavorable	39%	4%	37%	76%	28%	47%	43%	34%	42%	41%
No Opinion	17%	14%	28%	16%	23%	14%	12%	21%	15%	11%
Never heard of	1%	0%	1%	2%	2%	0%		2%	1%	

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Favorable	43%	39%	50%	36%	48%
Unfavorable	39%	41%	35%	50%	31%
No Opinion	17%	18%	15%	14%	20%
Never heard of	1%	2%		0%	2%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Favorable	43%	38%	69%	60%	52%	42%	31%
Unfavorable	39%	44%	12%	22%	30%	41%	52%
No Opinion	17%	17%	18%	11%	18%	16%	15%
Never heard of	1%	0%	1%	8%		2%	2%

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52. We'd like to ask you about how you feel about a number of public figures. Please let us know if overall, you have a favorable or unfavorable impression of them. – Viktor Orbán

Leaned Party ID	Age	Income
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Likely PA Voters

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53. We'd like to ask you about how you feel about a number of public figures. Please let us know if overall, you have a favorable or unfavorable impression of them. – Benjamin Netanyahu

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Favorable	25%	7%	16%	46%	10%	33%	35%	20%	30%	25%
Unfavorable	33%	54%	36%	11%	35%	31%	32%	27%	32%	42%
No Opinion	25%	24%	23%	25%	28%	21%	24%	27%	23%	23%
Never heard of	17%	15%	25%	18%	26%	15%	8%	26%	14%	9%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Favorable	25%	24%	26%	31%	20%
Unfavorable	33%	26%	45%	38%	29%
No Opinion	25%	27%	21%	20%	28%
Never heard of	17%	23%	8%	11%	23%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Favorable	25%	28%	10%	15%	17%	28%	34%
Unfavorable	33%	32%	35%	40%	45%	27%	24%
No Opinion	25%	24%	28%	25%	20%	27%	27%
Never heard of	17%	16%	27%	19%	18%	17%	15%

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54. We'd like to ask you about how you feel about a number of public gures. Please let us know if overall, you have a favorable or unfavorable impression of them. – Vladimir Putin

	Total	Leaned Party ID			Age			Income		
		Democrat	Independent	Republican	18-44	45-64	65+	LT \$50k	\$50-\$100k	\$100k+
Favorable	4%	1%	4%	8%	4%	5%	4%	6%	4%	3%
Unfavorable	83%	91%	84%	76%	82%	83%	86%	79%	86%	88%
No Opinion	11%	7%	10%	15%	12%	11%	9%	12%	10%	9%
Never heard of	1%	1%	2%	1%	2%	1%	1%	3%	0%	1%

	Total	Education		Gender	
		No 4-Yr Degree	4-Yr Degree+	Man	Woman
Favorable	4%	5%	3%	6%	3%
Unfavorable	83%	81%	88%	83%	84%
No Opinion	11%	12%	9%	11%	11%
Never heard of	1%	2%		1%	2%

	Total	Race			Church Attendance		
		White (Non-Hispanic)	Black	Other	Never	LT 1x per week	1x per week +
Favorable	4%	4%	4%	1%	6%	3%	4%
Unfavorable	83%	83%	81%	90%	84%	83%	86%
No Opinion	11%	11%	13%	6%	9%	13%	9%
Never heard of	1%	1%	2%	3%	1%	1%	1%

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