

Center for Climate Integrity

Pennsylvania Statewide

July 6-13, 2023

Base Sample MOE +/- 4.9%

400 2024 Likely Voters (800 Unweighted)

40 Allegheny County Respondents (241 Unweighted)

48 Philadelphia Respondents (255 Unweighted)

Q.2 Are you registered to vote?

	Total	Allegheny	Philly
Yes	100	100	100
No	-	-	-
Not sure	-	-	-
(ref:SCREEN1)			

Q.8 It's a long way off, but in November of 2024, there will be an election for President, U.S. Senate, Congress and other offices. What are the chances of your voting in the November 2024 election: are you almost certain to vote, will you probably vote, are the chances 50-50, or don't you think you will vote?

	Total	Allegheny	Philly
Almost certain	87	90	83
Probably	9	6	7
50-50	4	5	9
Will not vote	-	-	-
Not sure	-	-	-
(ref:WILLVOTE)			

Q.9 Generally speaking, do you think that things in your part of Pennsylvania are going in the right direction, or do you think things have gotten pretty seriously off on the wrong track?

	Total	Allegheny	Philly
Right direction	42	48	38
Wrong track	58	51	62
Not sure	0	-
Right - Wrong	-15	-3	-25
(ref:DIRECT)			

Q.10 Please rate your feelings toward each of the people, terms, and organizations below: do you feel very favorable toward them, somewhat favorable, somewhat unfavorable, or very unfavorable? If you have no opinion or have never heard of that person, term, or organization please check that box.

	Very Fav	Smwt Fav	Smwt Unfav	Very Unfav	No Opin	Never Heard	Total ID	Total Fav	Total Unfav	Fav - Unfav
10 Joe Biden.....	19	22	10	46	3	.	100	41	56	-14
Allegheny County.....	21	27	10	39	3	-	100	48	49	-1
Philadelphia.....	27	29	15	24	5	0	100	56	39	18
11 Donald Trump	25	15	9	46	4	0	100	40	55	-15
Allegheny County.....	19	16	7	56	1	1	99	35	63	-28
Philadelphia.....	15	8	9	61	5	2	98	23	71	-48
12 Josh Shapiro	26	28	15	14	14	2	98	54	29	25
Allegheny County.....	34	26	11	14	12	2	98	60	25	35
Philadelphia.....	28	32	10	13	13	4	96	60	23	37
13 Bob Casey, Jr.	14	28	13	18	21	6	94	42	31	11
Allegheny County.....	17	30	14	17	15	6	94	48	31	17
Philadelphia.....	18	29	11	9	24	9	91	47	20	26
[40 Respondents]										
14 (ALLEGHENY COUNTY ONLY) Sara Innamorato.....	12	13	10	17	21	28	72	25	27	-2
Allegheny County.....	12	13	10	17	21	28	72	25	27	-2
Philadelphia.....	-	-	-	-	-	-	-	-	-	-
[40 Respondents]										
15 (ALLEGHENY COUNTY ONLY) Rich Fitzgerald.....	9	31	15	12	17	16	84	40	27	13
Allegheny County.....	9	31	15	12	17	16	84	40	27	13
Philadelphia.....	-	-	-	-	-	-	-	-	-	-
[48 Respondents]										
16 (PHILADELPHIA COUNTY ONLY) Cherelle Parker	16	28	13	11	19	14	86	44	23	21
Allegheny County.....	-	-	-	-	-	-	-	-	-	-
Philadelphia.....	16	28	13	11	19	14	86	44	23	21

	Very Fav	Smwt Fav	Smwt Unfav	Very Unfav	No Opin	Never Heard	Total ID	Total Fav	Total Unfav	Fav - Unfav
[48 Respondents]										
17 (PHILADELPHIA COUNTY ONLY) Jim										
Kenney	8	17	21	30	17	6	94	26	51	-25
Allegheny County	-	-	-	-	-	-	-	-	-	-
Philadelphia	8	17	21	30	17	6	94	26	51	-25
18 Oil and gas companies										
11	30	28	19	13	0	100	41	47	-6	
Allegheny County	14	23	29	22	12	-	100	37	51	-14
Philadelphia	6	21	26	29	16	2	98	27	56	-29
19 Environmental groups										
19	34	17	15	14	1	99	53	32	21	
Allegheny County	21	30	19	18	11	1	99	51	37	14
Philadelphia	28	35	13	7	14	2	98	63	20	42
[200 Respondents]										
20 (SPLIT A) Natural gas companies										
15	42	21	9	12	.	100	58	30	27	
Allegheny County	14	32	24	11	20	-	100	45	35	10
Philadelphia	13	24	23	18	22	0	100	37	40	-3
[200 Respondents]										
21 (SPLIT B) Fracking companies										
7	19	32	21	19	1	99	26	54	-28	
Allegheny County	11	22	20	33	12	1	99	34	53	-19
Philadelphia	3	12	30	22	25	9	91	15	52	-37
[94 Respondents]										
22 (PITTSBURGH DMA)										
Consol Energy	11	36	19	5	23	5	95	48	24	23
Allegheny County	8	30	18	9	30	4	96	39	27	11
Philadelphia	-	-	-	-	-	-	-	-	-	-
[94 Respondents]										
23 (PITTSBURGH DMA)										
U.S. Steel	26	41	15	4	14	-	100	67	19	48
Allegheny County	17	35	18	5	24	-	100	53	23	29
Philadelphia	-	-	-	-	-	-	-	-	-	-
(ref:FAVOR)										

Q.24 Do you believe that climate change is mostly the cause of human activity or mostly the cause of natural changes in the climate cycle?

	Total	Allegheny	Philly
Human activity, strongly	38	45	44
Human activity, somewhat	27	22	28
Natural changes in the climate cycle, somewhat	20	14	17
Natural changes in the climate cycle, strongly	15	20	12
Not sure	-	-	-
Total Human activity.....	65	66	71
Total Natural changes.....	35	34	29
Human activity-Natural changes.....	30	33	43
(ref:CLIMATECHANGE)			

[260 Respondents]

Q.25 (IF HUMAN ACTIVITY IN CLIMATECHANGE) Who do you believe is MOST responsible for causing climate change in the United States?

	Total	Allegheny	Philly
Big corporations generally.....	46	51	41
Oil and gas companies specifically	22	20	33
Individuals	18	13	14
The government	14	15	13
Not sure	0	1	1
(ref:CAUSEPAIR)			

Q.26 Below, please indicate how serious you think the effects of climate change are on the planet on a scale from 0 to 10, with 10 being extremely serious and 0 being not at all serious.

	Total	Allegheny	Philly
10.....	23	23	39
9.....	10	11	11
8.....	15	14	13
7.....	10	12	9
6.....	9	9	6
5.....	11	6	12
4.....	5	4	3
3.....	3	3	2
2.....	4	6	2
1.....	4	4	1
0.....	5	7	3
(Don't know/Refused).....		-	0
Mean.....	6.6	6.6	7.8
10.....	23	23	39
8-10.....	48	49	64
6-10.....	67	70	78
5.....	11	6	12
0-4.....	22	24	10
0-2.....	13	17	5
0.....	5	7	3
6 to 10 - 0 to 4.....	46	46	68
(ref:SERIOUS)			

Q.27 Below is a list of reasons why some people may have concerns about climate change in Pennsylvania. For each one, please rate your level of concern about each issue on a scale from 0 to 10, with 10 being extremely concerning and 0 being not at all concerning.

	Mean	10	8-10	6-10	0-5	DK/ Ref
31 The impact on air quality	7.1	27	55	73	27	0
Allegheny County	7.1	29	60	73	27	-
Philadelphia	8.1	42	71	86	14	-
27 Extreme weather events, like floods and extreme heat.....	6.8	26	52	70	30	-
Allegheny County	6.8	30	53	68	32	-
Philadelphia	7.7	40	62	80	20	-
32 The political divisiveness the issue of climate change creates.....	6.7	21	43	65	35	0
Allegheny County	6.8	23	49	70	30	-
Philadelphia	7.2	33	53	73	27	-
34 The cost of trying to tackle climate change.....	6.7	21	42	67	33	.
Allegheny County	6.5	21	41	65	34	0
Philadelphia	7.1	31	48	68	32	-
30 The impact on you and your family's health.....	6.5	21	43	65	34	0
Allegheny County	6.7	26	47	70	30	0
Philadelphia	7.5	36	63	77	23	-
29 The impact on infrastructure like roads and bridges	6.3	15	36	62	38	-
Allegheny County	6.2	14	40	62	38	-
Philadelphia	7.3	32	53	78	22	-
28 The economic impact on Pennsylvania's economy caused by the effects of climate change	6.1	14	35	61	39	-
Allegheny County	6.0	13	34	59	41	-
Philadelphia	6.8	22	47	68	32	-
33 The loss of jobs in the oil and gas industry.....	6.0	16	33	56	44	-
Allegheny County	5.4	16	29	47	53	-
Philadelphia	5.9	19	33	53	47	-

(ref:CONCERNS)

Q.35 Below is a statement pair. Please indicate which statement comes closest to your own view, even if neither is exactly right.

Pennsylvania taxpayers are facing increased costs due to the effects of climate change.

OR

The effects of climate change largely do not cost taxpayers money.

	Total	Allegheny	Philly
First statement, strongly	34	39	39
First statement, somewhat	39	37	32
Second statement, somewhat	20	18	23
Second statement, strongly	7	6	5
Not sure	0	-	1
Total First statement	73	76	71
Total Second statement.....	27	24	28
First - Second	46	52	43
(ref:COSTPAIR)			

Q.36 In your opinion, how much should oil and gas companies like ExxonMobil, Chevron, BP, and Shell be required to pay to help local communities in Pennsylvania adapt to climate change, such as protecting infrastructure and residents from climate change effects like flooding and extreme heat?

	Total	Allegheny	Philly
All of the costs	12	15	21
Most of the costs	38	40	42
Some of the costs	39	33	30
None of the costs.....	10	12	7
Not sure	-	-	-
At least some	90	88	93
None.....	10	12	7
At least some - None	80	76	86
(ref:OILPAY1)			

Q.37 Would you support or oppose suing oil and gas companies to make them pay their fair share of the costs that local communities in Pennsylvania face in adapting to climate change?

	Total	Allegheny	Philly
Strongly support	28	36	41
Somewhat support	41	29	40
Somewhat oppose	17	19	10
Strongly oppose	14	16	9
Not sure	-	-	-
Total Support	69	65	81
Total Oppose	31	35	19
Support-Oppose	37	31	63
(ref:SUPPORT1)			

Q.38 Would you be more or less likely to support a candidate who supports suing oil and gas companies to require them to help local communities in Pennsylvania pay for rebuilding and preventing further damage to infrastructure due to climate change?

	Total	Allegheny	Philly
Much more likely.....	24	30	30
Somewhat more likely.....	44	34	45
Somewhat less likely	18	17	10
Much less likely	13	18	15
Not sure	-	-	-
Total More likely.....	69	64	75
Total Less likely.....	31	36	25
More likely-Less likely	38	28	50
(ref:CANDSUPPORT)			

Q.39 An upcoming report shows local governments across Pennsylvania will face more than \$15 billion in costs by 2040 to protect their infrastructure and residents from climate change effects such as worsening floods and extreme heat.) Now you will read what some people might say who SUPPORT suing oil and gas companies to require them to pay for rebuilding and preventing further damage to infrastructure due to climate change. After each statement, indicate whether the statement is a very convincing reason to support suing oil and gas companies, a somewhat convincing reason, a not so convincing reason, or a not at all convincing reason.

	Very Conv	Smwt Conv	Not So Conv	Not at All Conv	Not Sure	Very/ Smwt	Total Not Conv
39 (LIARS) Major oil and gas companies have known for decades that their products could cause "potentially catastrophic" climate change. Exxon scientists even predicted how much climate change fossil fuels would cause with startling accuracy. But instead of sounding the alarm and leading the transition to cleaner energy, the fossil fuel industry launched a multi-billion dollar, decades-long campaign to lie to the public about climate change to block action. These same companies continue to pollute, profit, and lie about their role in the climate crisis today.	38	37	15	10	0	76	24
Allegheny County	38	34	14	13	1	72	27
Philadelphia	47	31	14	8	-	78	22

43 (HEALTH) Big corporations make climate change worse by polluting the air we breathe and water we drink. This pollution has made Western Pennsylvania's air quality the worst in the nation, leading to increased rates of asthma, cancer and other diseases. Now, the effects of climate change they cause are bringing wildfire smoke down to Pennsylvania, making the air quality in Pennsylvania even worse. We need to hold polluters accountable for their role in increased rates of disease and medical conditions.	37	37	17	10	0	73	27
Allegheny County	40	30	15	13	1	70	29
Philadelphia	47	33	12	8	-	80	20

	Very Conv	Smwt Conv	Not So Conv	Not at All Conv	Not Sure	Very/ Smwt	Total Not Conv
42 (PROPERTY TAXES) Pennsylvania schools will need expensive upgrades to lessen the impacts of climate change. Some districts already say they will need more than a hundred million dollars to upgrade buildings so they have air conditioning and avoid "heat days" where students are sent home. If we don't require oil and gas companies to pay their fair share, school districts will be forced to raise property taxes to pay for these necessary upgrades.	28	38	22	12	0	66	34
Allegheny County	25	30	27	17	1	55	44
Philadelphia	41	34	17	9	-	75	25

41 (SUCCESS) Dozens of states and cities across the country are taking Exxon and other Big Oil companies to court to make them pay their fair share for the damages caused by their products and to hold them accountable for their role in climate change. These cases are modeled after successful lawsuits that Pennsylvania and other governments filed to hold tobacco and opioid companies accountable for similarly selling dangerous products but lying to the public about the harm.	27	44	20	9	0	70	30
Allegheny County	29	38	18	14	1	67	32
Philadelphia	37	43	14	6	-	80	20

40 (BIG CORPS) The evidence shows that a relatively small number of major corporations are responsible for the vast majority of carbon pollution that has caused modern-day global warming. According to one non-profit report, fewer than 100 companies, including Exxon, Chevron, Shell, and BP, are responsible for more than 70 percent of the emissions that fuel global warming since 1988.	24	40	24	12	0	64	36
Allegheny County	28	37	20	14	1	65	34
Philadelphia	30	39	20	12	-	69	31

(ref:SUPSTMT)

Q.44 Now you will read what some people might say who OPPOSE suing oil and gas companies to require them to pay for rebuilding and preventing further damage to infrastructure due to climate change. After each statement, indicate whether the statement is a very convincing reason to support suing oil and gas companies, a somewhat convincing reason, a not so convincing reason, or a not at all convincing reason.

	Very Conv	Smwt Conv	Not So Conv	Not at All Conv	Not Sure	Very/ Smwt	Total Not Conv
44 (COSTS) If oil and gas companies are sued for climate change, they will pass on the cost to customers by increasing fees on their energy bills and raising prices at the gas pump.....	38	37	18	7	0	75	25
Allegheny County	34	35	19	11	1	69	30
Philadelphia	31	38	20	11	0	69	31

46 (COLLABORATE) The oil and gas industry is working to advance low-carbon technology that could help address the climate crisis. Instead of trying to score political points, our elected leaders should be working with industry experts and job creators to implement innovative solutions to climate change.....	30	43	21	6	0	72	28
Allegheny County	21	44	24	10	1	65	34
Philadelphia	26	37	20	17	0	63	37

45 (JOBS) Suing oil and gas companies to hold them accountable for the impacts of climate change threatens the jobs of tens of thousands of oil and gas workers in Pennsylvania and hundreds of thousands of jobs in the state that are supported by the natural gas and oil industries. We can't afford to lose those good paying jobs.....	23	43	25	9	0	66	34
Allegheny County	19	38	26	15	1	57	41
Philadelphia	23	36	27	14	0	59	41

47 (FRIVOLOUS) These lawsuits are frivolous and cost taxpayers hundreds of thousands of dollars in court costs. Climate change is a complex issue that is fit for our elected officials in the legislature and congress, not something that should be decided through the courts.	22	30	33	16	0	52	48
Allegheny County	21	29	31	18	1	50	49
Philadelphia	21	32	30	17	0	53	47

(ref:OPPOSESTMT)

Q.47 Now that you have more information, in your opinion, how much should oil and gas companies like ExxonMobil, Chevron, BP, and Shell be required to pay to help local communities in Pennsylvania adapt to climate change, such as protecting infrastructure and residents from climate change effects like flooding and extreme heat?

	Total	Allegheny	Philly
All of the costs	16	18	23
Most of the costs.....	42	34	46
Some of the costs	33	36	23
None of the costs.....	10	12	7
Not sure		-	0
At least some	90	88	93
None.....	10	12	7
At least some - None	80	76	86
(ref:OILPAY2)			

Q.48 And now that you have more information, would you support or oppose suing oil and gas companies to make them pay their fair share of the costs that local communities in Pennsylvania face in adapting to climate change?

	Total	Allegheny	Philly
Strongly support	29	31	37
Somewhat support.....	41	35	42
Somewhat oppose	17	16	11
Strongly oppose	13	18	10
Not sure		-	0
Total Support	70	66	80
Total Oppose	30	34	20
Support-Oppose.....	40	33	60
(ref:SUPPORT2)			

Q.49 These last questions are for statistical purposes only. What is your gender?

	Total	Allegheny	Philly
Male	47	47	43
Female.....	53	53	57
Neither/Non-binary	0	-	0
(ref:GENDER)			

Q.50 What is the last year of schooling that you have completed?

	Total	Allegheny	Philly
1 - 11th grade.....	1	0	3
High School graduate.....	24	13	27
Non-college post H.S.....	19	23	25
Some college	17	22	12
College graduate.....	25	28	19
Post-graduate school.....	14	15	14
Not sure	-	-	-
(ref:EDUC)			

Q.51 Thinking in political terms, would you say that you are Conservative, Moderate, or Liberal?

	Total	Allegheny	Philly
Very liberal	12	14	19
Somewhat liberal	14	17	20
Moderate.....	40	38	44
Somewhat conservative.....	22	20	9
Very conservative.....	12	12	8
Not Sure	-	-	-
Total Liberal.....	26	31	39
Moderate.....	40	38	44
Total Conservative	34	31	17
(ref:IDEO)			

Q.52 Generally speaking, do you think of yourself as a(n):

	Total	Allegheny	Philly
Strong Democrat.....	27	34	48
Weak Democrat.....	14	18	22
Independent-lean Democrat.....	6	6	6
Independent.....	8	8	10
Independent-lean Republican	6	4	3
Weak Republican.....	14	11	3
Strong Republican.....	25	18	8
(Don't know/Refused)	-	-	-
(ref:PTYID1)			

Q.55 Thinking about the election for President in 2020, did you vote for: Democrat Joe Biden or Republican Donald Trump?

	Total	Allegheny	Philly
Democrat Joe Biden	48	55	74
Republican Donald Trump.....	47	39	17
Other candidate.....	3	3	4
Did not vote	2	2	4
Not Sure	-	-	-

(ref:VOTE2020)

Q.56 What is your race?

	Total	Allegheny	Philly
White.....	81	83	45
African American or Black	11	11	42
Hispanic or Latino	4	3	7
Asian or Pacific Islander	2	1	1
American Indian or Native American	0	1	0
Mixed race	2	1	5
Prefer not to say	-	-	-

(ref:RACE)

Q.6 In what year were you born? (TERMINATE IF BORN IN 2006 OR LATER)

	Total	Allegheny	Philly
18 - 24.....	7	5	8
25 - 29.....	6	6	8
30 - 34.....	6	8	10
35 - 39.....	9	10	15
40 - 44.....	7	10	5
45 - 49.....	6	5	5
50 - 54.....	9	8	9
55 - 59.....	10	7	7
60 - 64.....	9	12	10
65 and over.....	30	27	21
(No answer).....	1	1	1

(ref:AGE)

Q.7 When people register to vote in Pennsylvania, they must select a party. When you registered, did you register as a Democrat, a Republican, or are you unaffiliated with either party?

	Total	Allegheny	Philly
Democrat	44	58	77
Republican	42	30	13
Unaffiliated.....	14	12	10

(ref:SELFPTYREG)