

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QRegVote] Are you at least 18 years old and registered to vote in Pennsylvania?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Yes	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
No	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Don't know/Refused [DNR]	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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[QRegVote] Are you at least 18 years old and registered to vote in Pennsylvania?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Yes	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
No	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Don' t know/Refused [DNR]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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[QRegVote] Are you at least 18 years old and registered to vote in Pennsylvania?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/Lancaster/York	Johnstown/Altoona	Philadelphia	Pittsburgh	Wilkes-Barre/Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Yes	500	210	282	229	235	78	28	206	109	54	25
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
No	-	-	-	-	-	-	-	-	-	-	-
Don't know/Refused [DNR]	-	-	-	-	-	-	-	-	-	-	-

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[QRegVote] Are you at least 18 years old and registered to vote in Pennsylvania?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
Yes	500	216	230	54	192	249	59	238	222	40
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
No	-	-	-	-	-	-	-	-	-	-
Don' t know/Refused [DNR]	-	-	-	-	-	-	-	-	-	-

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[QTurnout] How likely are you to vote in the November 2022 general election? Will you definitely vote, probably vote, probably NOT vote, or definitely NOT vote?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probablyly	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
DEFINITELY/PROBABLY VOTE	493	469	179	112	174	216	53	225	80	116	297	350	105	29
	99%	100%	100%	97%	98%	100%	96%	98%	95%	99%	100%	100%	96%	94%
DEFINITELY/PROBABLY NOT VOTE	7	-	-	3	3	1	2	4	4	1	1	1	4	2
	1%			3%	2%	*%	4%	2%	5%	1%	*%	*%	4%	6%
Definitely vote	469	469	170	106	168	206	50	213	65	111	293	344	96	22
	94%	100%	95%	92%	95%	95%	91%	93%	77%	94%	98%	98%	88%	71%
Probably vote	24	-	9	6	6	10	3	12	15	5	4	6	8	7
	5%		5%	5%	4%	5%	5%	5%	18%	4%	1%	2%	8%	23%
Probably NOT vote	7	-	-	3	3	1	2	4	4	1	1	1	4	2
	1%			3%	2%	*%	4%	2%	5%	1%	*%	*%	4%	6%
Definitely NOT vote	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unsure/Refused [DNR]	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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[QTurnout] How likely are you to vote in the November 2022 general election? Will you definitely vote, probably vote, probably NOT vote, or definitely NOT vote?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
DEFINITELY/PROBABLY VOTE	493	232	261	48	65	68	143	170	407	46	20	289	195	234	168
	99%	98%	99%	95%	99%	97%	99%	100%	99%	97%	100%	98%	100%	98%	100%
DEFINITELY/PROBABLY NOT VOTE	7	5	1	2	1	2	1	-	5	1	-	7	-	5	-
	1%	2%	1%	5%	1%	3%	1%	-	1%	3%	-	2%	-	2%	-
Definitely vote	469	222	248	43	60	67	135	164	388	43	18	267	194	216	167
	94%	93%	94%	85%	90%	95%	94%	97%	94%	91%	90%	90%	99%	90%	99%
Probably vote	24	11	14	5	5	1	7	6	19	3	2	23	2	18	1
	5%	5%	5%	10%	8%	1%	5%	3%	5%	6%	10%	8%	1%	7%	1%
Probably NOT vote	7	5	1	2	1	2	1	-	5	1	-	7	-	5	-
	1%	2%	1%	5%	1%	3%	1%	-	1%	3%	-	2%	-	2%	-
Definitely NOT vote	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unsure/Refused [DNR]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/Lancaster/York	Johnstown/Altoona	Philadelphia	Pittsburgh	Wilkes-Barre/Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
DEFINITELY/PROBABLY VOTE	493	208	277	228	233	78	27	204	107	53	25
	99%	99%	98%	100%	99%	100%	96%	99%	98%	98%	100%
DEFINITELY/PROBABLY NOT VOTE	7	2	5	1	2	-	1	2	2	1	-
	1%	1%	2%	0%	1%		4%	1%	2%	2%	
Definitely vote	469	201	264	218	226	75	27	193	102	51	22
	94%	96%	94%	95%	96%	96%	96%	94%	94%	94%	88%
Probably vote	24	7	14	10	7	3	-	11	5	2	3
	5%	3%	5%	4%	3%	4%		5%	5%	4%	12%
Probably NOT vote	7	2	5	1	2	-	1	2	2	1	-
	1%	1%	2%	0%	1%		4%	1%	2%	2%	
Definitely NOT vote	-	-	-	-	-	-	-	-	-	-	-
Unsure/Refused [DNR]	-	-	-	-	-	-	-	-	-	-	-

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[QTurnout] How likely are you to vote in the November 2022 general election? Will you definitely vote, probably vote, probably NOT vote, or definitely NOT vote?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
DEFINITELY/PROBABLY VOTE	493	214	228	51	191	247	56	235	220	38
	99%	99%	99%	94%	99%	99%	94%	99%	99%	96%
DEFINITELY/PROBABLY NOT VOTE	7	1	2	3	1	2	3	3	2	2
	1%	1%	1%	6%	1%	1%	6%	1%	1%	4%
Definitely vote	469	209	219	41	184	240	45	225	213	31
	94%	97%	95%	76%	96%	96%	76%	95%	96%	77%
Probably vote	24	6	9	10	6	7	11	9	8	8
	5%	3%	4%	18%	3%	3%	19%	4%	3%	19%
Probably NOT vote	7	1	2	3	1	2	3	3	2	2
	1%	1%	1%	6%	1%	1%	6%	1%	1%	4%
Definitely NOT vote	-	-	-	-	-	-	-	-	-	-
Unsure/Refused [DNR]	-	-	-	-	-	-	-	-	-	-

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[QFavTrump] Do you have a favorable or unfavorable view of the following individuals who have been in the news lately?
 -Donald Trump

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Favorable	211	199	138	47	16	166	21	23	43	54	114	133	58	15
	42%	42%	77%	41%	9%	77%	39%	10%	51%	46%	38%	38%	53%	49%
Unfavorable	263	250	30	63	158	36	27	201	36	59	168	200	46	12
	53%	53%	17%	54%	89%	16%	49%	88%	42%	50%	56%	57%	43%	39%
Heard of, no opinion	23	17	11	5	3	13	6	4	5	5	13	15	5	3
	5%	4%	6%	4%	2%	6%	11%	2%	6%	4%	4%	4%	4%	10%
Never heard of	3	3	-	1	1	1	1	1	1	-	3	3	-	1
	1%	1%		1%	1%	1%	2%	*%	1%		1%	1%		2%

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 -Donald Trump

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Favorable	211	117	93	16	21	38	72	63	180	9	12	151	52	129	46
	42%	49%	36%	32%	32%	54%	50%	37%	44%	20%	59%	51%	27%	54%	27%
Unfavorable	263	107	156	29	39	31	65	99	215	32	6	130	132	103	112
	53%	45%	60%	59%	58%	44%	46%	58%	52%	67%	31%	44%	68%	43%	67%
Heard of, no opinion	23	12	11	5	4	2	5	7	16	4	2	12	11	7	10
	5%	5%	4%	9%	7%	3%	4%	4%	4%	8%	10%	4%	5%	3%	6%
Never heard of	3	2	1	-	2	-	1	0	1	2	-	3	-	1	-
	1%	1%	1%		3%		1%	*%	*%	5%		1%		*%	

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 -Donald Trump

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Favorable	211	4	207	198	6	44	13	69	42	34	9
	42%	2%	73%	86%	2%	56%	47%	33%	38%	63%	35%
Unfavorable	263	200	58	20	223	32	12	127	58	19	15
	53%	95%	21%	9%	95%	41%	43%	62%	53%	35%	60%
Heard of, no opinion	23	5	16	11	6	1	3	10	8	0	1
	5%	2%	6%	5%	2%	1%	10%	5%	7%	1%	5%
Never heard of	3	1	1	-	1	1	-	-	1	1	-
	1%	1%	*%		*%	1%			1%	1%	

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 -Donald Trump

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
Favorable	211	180	9	21	169	18	23	196	5	10
	42%	84%	4%	39%	88%	7%	39%	82%	2%	25%
Unfavorable	263	24	218	21	12	227	25	28	213	21
	53%	11%	95%	38%	6%	91%	42%	12%	96%	54%
Heard of, no opinion	23	10	1	12	9	2	11	12	3	8
	5%	4%	1%	22%	5%	1%	19%	5%	1%	21%
Never heard of	3	1	1	0	1	1	0	1	1	0
	1%	1%	1%	*%	1%	1%	*%	1%	1%	1%

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[QFavFetterman] Do you have a favorable or unfavorable view of the following individuals who have been in the news lately?

-John Fetterman

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Favorable	230	220	13	53	155	16	20	194	32	49	148	175	39	14
	46%	47%	7%	46%	87%	7%	37%	85%	39%	42%	50%	50%	36%	45%
Unfavorable	241	229	156	56	16	190	27	24	42	58	140	161	59	15
	48%	49%	87%	49%	9%	88%	50%	10%	50%	50%	47%	46%	54%	50%
Heard of, no opinion	26	19	8	5	7	10	6	10	8	10	8	13	10	1
	5%	4%	5%	5%	4%	5%	10%	4%	9%	9%	3%	4%	10%	3%
Never heard of	4	2	1	1	-	1	2	1	2	-	2	2	1	1
	1%	*%	*%	1%		*%	4%	*%	2%		1%	1%	1%	3%

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	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Favorable	230	92	138	26	33	29	52	89	187	29	5	115	113	90	97
	46%	39%	52%	52%	51%	42%	37%	52%	45%	63%	26%	39%	58%	38%	58%
Unfavorable	241	131	110	20	24	36	83	77	204	14	12	160	73	135	65
	48%	55%	42%	40%	37%	52%	58%	45%	50%	31%	60%	54%	38%	56%	39%
Heard of, no opinion	26	13	13	2	8	4	7	4	19	3	1	17	9	12	7
	5%	5%	5%	5%	13%	5%	5%	3%	5%	7%	5%	6%	5%	5%	4%
Never heard of	4	1	2	2	-	1	1	0	2	-	2	4	-	2	-
	1%	*%	1%	3%		1%	1%	*%	*%		9%	1%		1%	

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	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/Lancaster/York	Johnstown/Altoona	Philadelphia	Pittsburgh	Wilkes-Barre/Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Favorable	230	192	35	10	204	31	12	107	50	17	12
	46%	92%	12%	4%	87%	40%	43%	52%	46%	32%	47%
Unfavorable	241	6	233	211	14	43	13	85	55	34	12
	48%	3%	83%	92%	6%	56%	47%	41%	50%	62%	46%
Heard of, no opinion	26	11	13	7	17	3	3	13	3	2	2
	5%	5%	5%	3%	7%	4%	10%	6%	3%	4%	7%
Never heard of	4	1	2	1	1	0	-	2	1	1	-
	1%	*%	1%	*%	*%	*%		1%	1%	2%	

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	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/Refused	Mastriano	Shapiro	Other/Refused	GOP	Dem	Other/Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
Favorable	230	3	217	9	4	213	13	6	207	17
	46%	1%	95%	17%	2%	85%	22%	3%	93%	42%
Unfavorable	241	207	7	27	181	25	35	222	7	12
	48%	96%	3%	50%	94%	10%	59%	93%	3%	29%
Heard of, no opinion	26	5	5	15	6	10	10	8	7	11
	5%	2%	2%	29%	3%	4%	16%	3%	3%	26%
Never heard of	4	1	1	2	1	1	2	2	1	1
	1%	*%	*%	4%	*%	*%	3%	1%	*%	3%

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[QFavOz] Do you have a favorable or unfavorable view of the following individuals who have been in the news lately?
 -Mehmet Oz

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Favorable	195	190	136	40	12	162	17	16	34	39	122	134	43	14
	39%	40%	76%	35%	7%	75%	31%	7%	40%	33%	41%	38%	39%	44%
Unfavorable	265	247	24	69	159	34	28	203	38	68	158	194	51	14
	53%	53%	13%	60%	89%	16%	51%	89%	45%	58%	53%	55%	47%	45%
Heard of, no opinion	36	28	18	6	6	20	8	8	12	11	13	18	16	2
	7%	6%	10%	5%	3%	9%	15%	3%	14%	9%	5%	5%	14%	8%
Never heard of	5	4	2	1	2	2	2	2	1	-	4	4	-	1
	1%	1%	1%	*%	1%	1%	3%	1%	1%		1%	1%		3%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFavOz] Do you have a favorable or unfavorable view of the following individuals who have been in the news lately?
 -Mehmet Oz

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Favorable	195	108	86	10	19	33	70	63	165	9	11	129	58	110	50
	39%	46%	33%	20%	29%	46%	49%	37%	40%	20%	54%	44%	30%	46%	30%
Unfavorable	265	110	155	34	39	27	66	99	219	30	6	138	126	112	107
	53%	46%	59%	67%	59%	39%	46%	58%	53%	63%	28%	47%	64%	47%	64%
Heard of, no opinion	36	18	18	5	8	10	7	6	26	6	4	24	11	15	10
	7%	8%	7%	10%	12%	14%	5%	4%	6%	12%	18%	8%	6%	6%	6%
Never heard of	5	1	3	2	0	1	1	2	2	2	-	4	0	2	0
	1%	1%	1%	3%	*%	1%	1%	1%	1%	5%		1%	*%	1%	*%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFavOz] Do you have a favorable or unfavorable view of the following individuals who have been in the news lately?
 -Mehmet Oz

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Favorable	195	3	191	175	6	39	11	63	44	28	8
	39%	1%	68%	77%	3%	50%	41%	31%	40%	52%	34%
Unfavorable	265	197	63	29	216	32	14	124	59	23	14
	53%	94%	22%	13%	92%	41%	49%	60%	54%	42%	55%
Heard of, no opinion	36	7	26	23	11	5	3	16	5	3	3
	7%	3%	9%	10%	5%	7%	10%	8%	5%	6%	11%
Never heard of	5	3	1	1	2	1	-	2	1	-	-
	1%	1%	*%	1%	1%	1%		1%	1%		

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFavOz] Do you have a favorable or unfavorable view of the following individuals who have been in the news lately?
 -Mehmet Oz

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
Favorable	195	188	4	3	158	17	20	188	3	4
	39%	87%	2%	5%	82%	7%	33%	79%	1%	10%
Unfavorable	265	11	221	33	15	225	25	25	214	26
	53%	5%	96%	61%	8%	90%	43%	11%	96%	64%
Heard of, no opinion	36	16	2	18	19	5	13	23	3	10
	7%	7%	1%	33%	10%	2%	22%	10%	1%	24%
Never heard of	5	1	3	1	1	2	1	1	3	1
	1%	1%	1%	1%	1%	1%	2%	1%	1%	1%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFavMastriano] Do you have a favorable or unfavorable view of the following individuals who have been in the news lately?

-Doug Mastriano

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Favorable	164	160	104	41	14	132	12	20	28	38	99	112	42	10
	33%	34%	58%	36%	8%	61%	22%	9%	33%	32%	33%	32%	38%	33%
Unfavorable	253	242	39	59	144	44	24	186	34	57	162	186	49	13
	51%	51%	22%	52%	81%	20%	43%	81%	41%	48%	54%	53%	45%	41%
Heard of, no opinion	67	56	34	12	11	38	15	14	17	19	32	43	15	5
	13%	12%	19%	10%	6%	18%	27%	6%	20%	16%	11%	12%	14%	16%
Never heard of	16	13	2	2	8	3	4	8	6	5	6	10	3	3
	3%	3%	1%	2%	5%	1%	8%	4%	7%	4%	2%	3%	3%	9%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFavMastriano] Do you have a favorable or unfavorable view of the following individuals who have been in the news lately?

-Doug Mastriano

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Favorable	164	92	72	13	16	30	59	46	140	10	9	119	39	104	33
	33%	39%	27%	26%	25%	42%	41%	27%	34%	21%	42%	40%	20%	43%	19%
Unfavorable	253	105	148	27	34	26	66	101	210	28	7	123	129	99	111
	51%	44%	56%	54%	51%	37%	46%	59%	51%	59%	34%	42%	66%	41%	66%
Heard of, no opinion	67	34	33	8	15	13	11	20	53	6	4	41	24	29	23
	13%	14%	13%	16%	23%	19%	7%	12%	13%	13%	19%	14%	12%	12%	14%
Never heard of	16	6	10	2	1	2	8	3	9	3	1	12	4	7	1
	3%	3%	4%	5%	2%	2%	6%	2%	2%	7%	5%	4%	2%	3%	1%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFavMastriano] Do you have a favorable or unfavorable view of the following individuals who have been in the news lately?
 -Doug Mastriano

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Favorable	164	6	158	148	7	36	11	48	34	28	7
	33%	3%	56%	65%	3%	47%	41%	23%	31%	51%	26%
Unfavorable	253	181	68	34	202	34	12	119	59	19	10
	51%	86%	24%	15%	86%	44%	43%	58%	54%	35%	38%
Heard of, no opinion	67	18	48	41	18	6	5	29	13	7	7
	13%	9%	17%	18%	7%	8%	16%	14%	12%	12%	29%
Never heard of	16	5	8	5	8	1	-	10	3	1	2
	3%	2%	3%	2%	3%	1%		5%	2%	1%	6%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFavMastriano] Do you have a favorable or unfavorable view of the following individuals who have been in the news lately?

-Doug Mastriano

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
Favorable	164	151	5	7	152	4	8	156	5	3
	33%	70%	2%	14%	79%	2%	13%	66%	2%	7%
Unfavorable	253	28	207	18	8	223	21	34	195	24
	51%	13%	90%	34%	4%	90%	36%	14%	88%	59%
Heard of, no opinion	67	33	13	21	29	14	24	43	15	8
	13%	15%	6%	39%	15%	6%	40%	18%	7%	21%
Never heard of	16	4	5	8	3	7	6	4	7	5
	3%	2%	2%	14%	1%	3%	11%	2%	3%	13%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFavShapiro] Do you have a favorable or unfavorable view of the following individuals who have been in the news lately?

-Josh Shapiro

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Favorable	258	251	46	51	151	49	21	188	33	59	167	197	45	13
	52%	53%	26%	44%	85%	23%	38%	82%	39%	50%	56%	56%	42%	42%
Unfavorable	173	164	102	45	14	130	21	22	37	46	89	108	46	13
	35%	35%	57%	39%	8%	60%	38%	10%	44%	39%	30%	31%	42%	41%
Heard of, no opinion	60	46	29	17	9	35	11	14	12	11	37	39	15	4
	12%	10%	16%	15%	5%	16%	20%	6%	14%	9%	13%	11%	14%	14%
Never heard of	9	8	2	2	4	2	2	5	2	2	5	6	2	1
	2%	2%	1%	2%	2%	1%	4%	2%	2%	2%	2%	2%	2%	3%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFavShapiro] Do you have a favorable or unfavorable view of the following individuals who have been in the news lately?

-Josh Shapiro

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Favorable	258	100	158	22	35	29	66	106	210	30	8	120	133	95	114
	52%	42%	60%	45%	53%	41%	46%	62%	51%	65%	40%	40%	68%	40%	68%
Unfavorable	173	105	68	19	20	34	55	45	149	11	7	122	48	105	41
	35%	44%	26%	37%	30%	49%	39%	26%	36%	24%	34%	41%	24%	44%	24%
Heard of, no opinion	60	29	31	9	11	6	18	16	50	2	4	45	14	37	13
	12%	12%	12%	18%	17%	8%	13%	9%	12%	4%	18%	15%	7%	15%	8%
Never heard of	9	4	5	-	-	2	4	3	3	3	2	9	0	3	-
	2%	2%	2%			3%	3%	2%	1%	7%	9%	3%	*%	1%	

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFavShapiro] Do you have a favorable or unfavorable view of the following individuals who have been in the news lately?

-Josh Shapiro

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/Lancaster/York	Johnstown/Altoona	Philadelphia	Pittsburgh	Wilkes-Barre/Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Favorable	258	185	70	40	206	37	16	114	61	20	11
	52%	88%	25%	17%	88%	47%	58%	55%	56%	37%	42%
Unfavorable	173	7	166	151	8	37	7	63	34	26	5
	35%	3%	59%	66%	3%	48%	27%	31%	31%	48%	19%
Heard of, no opinion	60	14	43	35	19	4	4	25	11	7	8
	12%	7%	15%	15%	8%	5%	16%	12%	11%	13%	33%
Never heard of	9	4	4	3	3	0	-	4	2	1	1
	2%	2%	1%	1%	1%	*%		2%	2%	2%	6%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFavShapiro] Do you have a favorable or unfavorable view of the following individuals who have been in the news lately?

-Josh Shapiro

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/Refused	Mastriano	Shapiro	Other/Refused	GOP	Dem	Other/Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
Favorable	258	31	208	19	14	231	14	36	201	21
	52%	15%	90%	35%	7%	93%	23%	15%	90%	52%
Unfavorable	173	153	8	12	147	3	22	160	5	9
	35%	71%	3%	23%	77%	1%	38%	67%	2%	21%
Heard of, no opinion	60	28	11	20	28	12	20	38	13	9
	12%	13%	5%	38%	15%	5%	33%	16%	6%	23%
Never heard of	9	4	3	2	3	3	3	4	4	1
	2%	2%	1%	5%	2%	1%	5%	2%	2%	3%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QApproval] Overall, do you approve or disapprove of the way Joe Biden is handling his job as President?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
STRONGLY/SOMEWHAT APPROVE	210	201	10	47	145	12	17	181	23	50	136	162	36	9
	42%	43%	6%	41%	81%	5%	30%	79%	28%	43%	46%	46%	33%	30%
STRONGLY/SOMEWHAT DISAPPROVE	282	264	167	67	29	203	35	43	58	66	158	185	69	21
	56%	56%	94%	58%	16%	94%	65%	19%	69%	56%	53%	53%	64%	67%
Strongly approve	102	97	2	16	81	3	2	97	7	20	75	82	16	4
	20%	21%	1%	14%	46%	1%	3%	42%	8%	17%	25%	23%	14%	14%
Somewhat approve	108	104	8	31	64	9	15	85	17	30	61	80	20	5
	22%	22%	4%	27%	36%	4%	27%	37%	20%	26%	21%	23%	19%	17%
Somewhat disapprove	34	31	7	11	11	9	9	17	10	8	16	23	7	3
	7%	7%	4%	9%	6%	4%	16%	7%	12%	7%	6%	7%	7%	11%
Strongly disapprove	248	233	161	56	18	195	27	26	49	58	142	162	62	17
	50%	50%	90%	49%	10%	90%	49%	12%	58%	49%	47%	46%	57%	56%
Don' t know/Refused [DNR]	8	4	1	1	4	1	3	4	3	2	4	4	3	1
	2%	1%	1%	1%	2%	1%	5%	2%	3%	1%	1%	1%	3%	3%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QApproval] Overall, do you approve or disapprove of the way Joe Biden is handling his job as President?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
STRONGLY/SOMEWHAT APPROVE	210	84	126	22	29	26	50	82	170	29	3	99	109	75	95
	42%	35%	48%	43%	45%	37%	35%	48%	41%	63%	16%	34%	56%	31%	56%
STRONGLY/SOMEWHAT DISAPPROVE	282	151	131	27	35	44	91	86	237	18	15	191	84	161	71
	56%	64%	50%	53%	53%	63%	63%	50%	58%	37%	75%	64%	43%	67%	42%
Strongly approve	102	38	63	7	5	10	33	47	79	17	2	51	50	36	43
	20%	16%	24%	13%	8%	14%	23%	28%	19%	35%	7%	17%	26%	15%	26%
Somewhat approve	108	46	63	15	24	17	17	35	90	13	2	49	59	39	52
	22%	19%	24%	30%	36%	24%	12%	21%	22%	27%	8%	16%	30%	16%	31%
Somewhat disapprove	34	14	20	6	8	3	6	11	29	3	1	21	13	18	10
	7%	6%	7%	11%	12%	5%	4%	7%	7%	7%	6%	7%	6%	8%	6%
Strongly disapprove	248	137	111	21	27	41	85	74	208	14	14	169	72	142	61
	50%	58%	42%	42%	41%	58%	59%	44%	51%	31%	68%	57%	37%	60%	36%
Don't know/Refused [DNR]	8	2	6	2	2	-	3	2	5	-	2	6	2	3	2
	2%	1%	2%	4%	2%		2%	1%	1%		10%	2%	1%	1%	1%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QApproval] Overall, do you approve or disapprove of the way Joe Biden is handling his job as President?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
STRONGLY/SOMEWHAT APPROVE	210 42%	210 100%	-	3 1%	194 83%	28 36%	10 38%	102 49%	41 38%	18 33%	11 45%
STRONGLY/SOMEWHAT DISAPPROVE	282 56%	-	282 100%	224 98%	36 15%	50 64%	17 62%	99 48%	66 61%	36 67%	14 55%
Strongly approve	102 20%	102 48%	-	2 1%	94 40%	12 15%	5 20%	52 25%	18 17%	7 14%	7 28%
Somewhat approve	108 22%	108 52%	-	2 1%	100 43%	16 21%	5 18%	50 24%	23 21%	10 19%	4 17%
Somewhat disapprove	34 7%	-	34 12%	6 2%	24 10%	5 6%	4 16%	16 8%	6 6%	1 2%	2 9%
Strongly disapprove	248 50%	-	248 88%	219 96%	13 5%	45 58%	13 47%	83 40%	60 55%	36 66%	12 46%
Don't know/Refused [DNR]	8 2%	-	-	1 *	5 2%	0 *	-	6 3%	2 2%	-	-

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QApproval] Overall, do you approve or disapprove of the way Joe Biden is handling his job as President?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500 100	216 100	230 100	54 100	192 100	249 100	59 100	238 100	222 100	40 100
STRONGLY/SOMEWHAT APPROVE	210 42%	3 1%	195 85%	12 21%	2 1%	192 77%	16 27%	3 1%	190 86%	17 42%
STRONGLY/SOMEWHAT DISAPPROVE	282 56%	213 99%	31 14%	38 70%	189 98%	53 21%	40 68%	235 99%	27 12%	20 50%
Strongly approve	102 20%	1 *	100 43%	1 2%	1 *	98 39%	3 5%	1 *	97 44%	4 9%
Somewhat approve	108 22%	2 1%	95 42%	11 20%	1 1%	94 38%	13 22%	2 1%	93 42%	13 33%
Somewhat disapprove	34 7%	5 2%	22 10%	6 12%	3 2%	27 11%	4 7%	8 3%	23 10%	3 7%
Strongly disapprove	248 50%	208 96%	9 4%	32 58%	186 97%	27 11%	36 61%	226 95%	4 2%	17 43%
Don't know/Refused [DNR]	8 2%	-	3 1%	5 9%	1 1%	4 2%	3 5%	-	5 2%	3 8%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QSenate] If the election for U.S. Senate were held today, would you vote for [ROTATE: Oz/Fetterman] Mehmet Oz, the Republican candidate, John Fetterman, the Democratic candidate, Richard Weiss, the Green Party candidate, Erik Gerhardt, the Libertarian Party candidate, or Daniel Wassmer, the Keystone Party of Pennsylvania candidate?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mehmet Oz, the Republican candidate	216	209	153	43	10	178	22	16	39	44	133	146	51	14
	43%	44%	85%	37%	6%	82%	40%	7%	46%	37%	45%	42%	47%	44%
John Fetterman, the Democratic candidate	230	219	10	55	155	14	20	196	31	53	145	175	40	12
	46%	47%	5%	48%	87%	6%	36%	86%	37%	45%	49%	50%	37%	40%
Richard Weiss, the Green Party candidate	5	4	-	2	2	1	1	2	2	0	2	2	1	0
	1%	1%		1%	1%	*%	3%	1%	2%	*%	1%	1%	1%	1%
Erik Gerhardt, the Libertarian Party candidate	8	6	3	5	-	6	1	-	2	4	1	5	2	1
	2%	1%	1%	4%		3%	3%		2%	3%	*%	1%	2%	2%
Daniel Wassmer, the Keystone Party of Pennsylvania candidate	7	5	2	4	1	3	1	3	2	5	-	3	3	-
	1%	1%	1%	4%	*%	2%	2%	1%	3%	4%		1%	3%	
Don't know/Refused [DNR]	35	26	11	7	10	14	9	11	8	11	16	19	12	4
	7%	6%	6%	6%	6%	7%	17%	5%	9%	9%	5%	5%	11%	12%

Echelon Insights
 Pennsylvania Registered Voter Survey
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[QSenate] If the election for U.S. Senate were held today, would you vote for [ROTATE: Oz/Fetterman] Mehmet Oz, the Republican candidate, John Fetterman, the Democratic candidate, Richard Weiss, the Green Party candidate, Erik Gerhardt, the Libertarian Party candidate, or Daniel Wassmer, the Keystone Party of Pennsylvania candidate?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mehmet Oz, the Republican candidate	216	119	97	15	24	34	73	70	183	12	12	145	64	123	56
	43%	50%	37%	31%	37%	48%	51%	41%	44%	25%	59%	49%	33%	51%	33%
John Fetterman, the Democratic candidate	230	91	139	28	32	29	51	90	190	28	5	114	115	91	99
	46%	38%	53%	55%	49%	41%	36%	53%	46%	60%	23%	38%	59%	38%	59%
Richard Weiss, the Green Party candidate	5	4	1	1	-	-	1	3	4	-	-	3	2	3	2
	1%	2%	*%	2%			1%	2%	1%			1%	1%	1%	1%
Erik Gerhardt, the Libertarian Party candidate	8	4	3	1	3	1	3	-	5	1	-	5	3	3	3
	2%	2%	1%	1%	4%	2%	2%		1%	3%		2%	1%	1%	2%
Daniel Wassmer, the Keystone Party of Pennsylvania candidate	7	2	5	3	-	1	3	-	6	1	1	7	1	6	-
	1%	1%	2%	7%		1%	2%		1%	2%	3%	2%	*%	2%	
Don' t know/Refused [DNR]	35	18	17	2	7	5	13	8	24	5	3	23	12	15	9
	7%	7%	7%	4%	11%	8%	9%	5%	6%	11%	15%	8%	6%	6%	5%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QSenate] If the election for U.S. Senate were held today, would you vote for [ROTATE: Oz/Fetterman] Mehmet Oz, the Republican candidate, John Fetterman, the Democratic candidate, Richard Weiss, the Green Party candidate, Erik Gerhardt, the Libertarian Party candidate, or Daniel Wassmer, the Keystone Party of Pennsylvania candidate?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/Lancaster/York	Johnstown/Altoona	Philadelphia	Pittsburgh	Wilkes-Barre/Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Mehmet Oz, the Republican candidate	216	3	213	199	5	42	15	70	48	33	9
	43%	1%	75%	87%	2%	54%	52%	34%	44%	60%	34%
John Fetterman, the Democratic candidate	230	195	31	8	206	30	10	109	50	18	13
	46%	93%	11%	4%	87%	38%	37%	53%	46%	34%	50%
Richard Weiss, the Green Party candidate	5	2	3	2	2	1	-	4	-	-	-
	1%	1%	1%	1%	1%	1%	-	2%	-	-	-
Erik Gerhardt, the Libertarian Party candidate	8	-	8	2	2	1	-	2	3	-	1
	2%	-	3%	1%	1%	2%	-	1%	3%	-	5%
Daniel Wassmer, the Keystone Party of Pennsylvania candidate	7	1	7	5	2	2	-	4	1	-	1
	1%	*%	2%	2%	1%	2%	-	2%	1%	-	3%
Don't know/Refused [DNR]	35	9	21	13	18	2	3	17	7	3	2
	7%	4%	8%	6%	8%	3%	10%	8%	7%	6%	7%

Echelon Insights
 Pennsylvania Registered Voter Survey
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[QSenate] If the election for U.S. Senate were held today, would you vote for [ROTATE: Oz/Fetterman] Mehmet Oz, the Republican candidate, John Fetterman, the Democratic candidate, Richard Weiss, the Green Party candidate, Erik Gerhardt, the Libertarian Party candidate, or Daniel Wassmer, the Keystone Party of Pennsylvania candidate?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
Mehmet Oz, the Republican candidate	216 43%	216 100%	-	-	178 93%	16 6%	21 36%	209 88%	1 *	5 13%
John Fetterman, the Democratic candidate	230 46%	-	230 100%	-	3 2%	219 88%	8 14%	4 2%	212 95%	14 35%
Richard Weiss, the Green Party candidate	5 1%	-	-	5 8%	1 *	3 1%	1 2%	1 *	0 *	3 8%
Erik Gerhardt, the Libertarian Party candidate	8 2%	-	-	8 14%	3 2%	0 *	4 7%	6 2%	-	2 4%
Daniel Wassmer, the Keystone Party of Pennsylvania candidate	7 1%	-	-	7 13%	1 *	2 1%	5 8%	6 2%	2 1%	-
Don' t know/Refused [DNR]	35 7%	-	-	35 64%	6 3%	10 4%	19 32%	12 5%	7 3%	16 39%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QSenateOz] You indicated that you plan to vote for Mehmet Oz in the election for U.S. Senate. Would you DEFINITELY vote for Mehmet Oz or only PROBABLY vote for Mehmet Oz?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	216	209	153	43	10	178	22	16	39	44	133	146	51	14
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Unweighted Total	209	200	142	45	11	168	25	16	44	38	127	138	52	14
Definitely vote for Mehmet Oz	188	184	136	37	10	159	16	13	32	37	119	130	45	11
	87%	88%	89%	86%	100%	89%	73%	84%	83%	84%	90%	89%	87%	79%
Probably vote for Mehmet Oz	27	25	17	6	-	19	6	3	6	7	14	16	7	3
	13%	12%	11%	14%	-	11%	27%	16%	17%	16%	10%	11%	13%	21%
Don' t know/Refused [DNR]	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QSenateOz] You indicated that you plan to vote for Mehmet Oz in the election for U.S. Senate. Would you DEFINITELY vote for Mehmet Oz or only PROBABLY vote for Mehmet Oz?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	216	119	97	15	24	34	73	70	183	12	12	145	64	123	56
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Unweighted Total	209	122	87	18	23	33	73	62	172	12	13	150	53	128	39
Definitely vote for Mehmet Oz	188	99	89	12	20	27	68	61	160	10	11	123	60	105	51
	87%	83%	92%	79%	83%	81%	93%	87%	87%	84%	93%	85%	93%	86%	92%
Probably vote for Mehmet Oz	27	20	8	3	4	6	5	9	23	2	1	22	4	18	4
	13%	17%	8%	21%	17%	19%	7%	13%	13%	16%	7%	15%	7%	14%	8%
Don't know/Refused [DNR]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QSenateOz] You indicated that you plan to vote for Mehmet Oz in the election for U.S. Senate. Would you DEFINITELY vote for Mehmet Oz or only PROBABLY vote for Mehmet Oz?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	216	3	213	199	5	42	15	70	48	33	9
	100	100	100	100	100	100	100	100	100	100	100
Unweighted Total	209	4	205	188	4	40	9	64	44	39	13
Definitely vote for Mehmet Oz	188	2	186	177	5	38	13	59	44	28	7
	87%	78%	87%	89%	100%	90%	89%	84%	92%	86%	78%
Probably vote for Mehmet Oz	27	1	27	21	-	4	2	11	4	4	2
	13%	22%	13%	11%	-	10%	11%	16%	8%	14%	22%
Don' t know/Refused [DNR]	-	-	-	-	-	-	-	-	-	-	-

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QSenateOz] You indicated that you plan to vote for Mehmet Oz in the election for U.S. Senate. Would you DEFINITELY vote for Mehmet Oz or only PROBABLY vote for Mehmet Oz?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	216	216	-	-	178	16	21	209	1	5
	100	100			100	100	100	100	100	100
Unweighted Total	209	209	-	-	176	12	21	202	1	6
Definitely vote for Mehmet Oz	188	188	-	-	157	16	15	183	1	4
	87%	87%			88%	100%	72%	87%	100%	79%
Probably vote for Mehmet Oz	27	27	-	-	21	-	6	26	-	1
	13%	13%			12%		28%	13%		21%
Don't know/Refused [DNR]	-	-	-	-	-	-	-	-	-	-

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QSenateFetterman] You indicated that you plan to vote for John Fetterman in the election for U.S. Senate. Would you DEFINITELY vote for John Fetterman or only PROBABLY vote for John Fetterman?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	230	219	10	55	155	14	20	196	31	53	145	175	40	12
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Unweighted Total	233	221	11	58	152	15	23	195	40	45	148	170	45	16
Definitely vote for John Fetterman	211	204	8	48	147	10	19	182	27	47	138	162	36	11
	92%	93%	78%	87%	94%	69%	97%	93%	85%	88%	95%	92%	91%	92%
Probably vote for John Fetterman	14	11	2	5	6	2	1	11	5	3	6	9	4	1
	6%	5%	22%	9%	4%	15%	3%	6%	15%	6%	4%	5%	9%	8%
Don' t know/Refused [DNR]	4	4	-	2	2	2	-	2	-	3	1	4	-	-
	2%	2%		4%	1%	16%		1%		6%	1%	3%		

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QSenateFetterman] You indicated that you plan to vote for John Fetterman in the election for U.S. Senate. Would you DEFINITELY vote for John Fetterman or only PROBABLY vote for John Fetterman?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	230	91	139	28	32	29	51	90	190	28	5	114	115	91	99
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Unweighted Total	233	98	135	30	32	34	54	83	178	36	8	122	109	102	76
Definitely vote for John Fetterman	211	83	129	25	30	24	48	85	173	26	5	106	104	84	89
	92%	91%	93%	90%	92%	81%	94%	95%	91%	94%	100%	93%	91%	93%	90%
Probably vote for John Fetterman	14	6	8	3	3	3	1	5	13	1	-	5	9	5	8
	6%	7%	6%	10%	8%	12%	1%	5%	7%	2%	-	5%	8%	6%	8%
Don't know/Refused [DNR]	4	2	2	-	-	2	2	-	3	1	-	2	2	1	2
	2%	2%	2%			8%	4%		2%	4%		2%	2%	1%	2%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QSenateFetterman] You indicated that you plan to vote for John Fetterman in the election for U.S. Senate. Would you DEFINITELY vote for John Fetterman or only PROBABLY vote for John Fetterman?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	230	195	31	8	206	30	10	109	50	18	13
	100	100	100	100	100	100	100	100	100	100	100
Unweighted Total	233	195	34	7	206	33	8	101	55	22	14
Definitely vote for John Fetterman	211	182	27	6	192	30	10	95	49	18	10
	92%	93%	86%	74%	93%	100%	100%	87%	99%	96%	76%
Probably vote for John Fetterman	14	11	2	-	12	-	-	9	1	1	3
	6%	6%	7%	-	6%	-	-	9%	1%	4%	24%
Don' t know/Refused [DNR]	4	2	2	2	2	-	-	4	-	-	-
	2%	1%	7%	26%	1%	-	-	4%	-	-	-

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QSenateFetterman] You indicated that you plan to vote for John Fetterman in the election for U.S. Senate. Would you DEFINITELY vote for John Fetterman or only PROBABLY vote for John Fetterman?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	230	-	230	-	3	219	8	4	212	14
	100		100		100	100	100	100	100	100
Unweighted Total	233	-	233	-	2	223	8	4	215	14
Definitely vote for John Fetterman	211	-	211	-	-	205	6	1	197	13
	92%		92%			94%	76%	30%	93%	93%
Probably vote for John Fetterman	14	-	14	-	1	11	2	1	12	1
	6%		6%		24%	5%	24%	14%	6%	7%
Don't know/Refused [DNR]	4	-	4	-	2	2	-	2	2	-
	2%		2%		76%	1%		55%	1%	

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFettermanHealth] Regardless of who you plan to vote for in the election for U.S. Senate, do you think that John Fetterman's health is a problem, or is it not a problem?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Problem	195	189	127	45	15	152	20	23	31	42	122	139	42	11
	39%	40%	71%	39%	9%	70%	36%	10%	37%	35%	41%	40%	39%	34%
Not a problem	235	221	26	53	144	32	20	183	34	57	144	172	44	13
	47%	47%	15%	46%	81%	15%	36%	80%	41%	48%	48%	49%	40%	42%
Don't know /Refused to answer[DNR]	71	59	26	18	19	33	15	22	19	19	33	39	23	7
	14%	13%	14%	16%	11%	15%	28%	10%	22%	16%	11%	11%	21%	24%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFettermanHealth] Regardless of who you plan to vote for in the election for U.S. Senate, do you think that John Fetterman’s health is a problem, or is it not a problem?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Problem	195	107	88	17	20	27	66	64	169	10	10	120	71	107	60
	39%	45%	33%	33%	30%	39%	46%	38%	41%	20%	51%	40%	36%	45%	36%
Not a problem	235	102	133	26	32	35	58	84	192	26	6	131	103	102	90
	47%	43%	51%	52%	49%	50%	40%	49%	47%	56%	31%	44%	53%	43%	53%
Don't know /Refused to answer[DNR]	71	29	42	7	14	8	20	22	51	11	4	45	22	30	18
	14%	12%	16%	14%	21%	11%	14%	13%	12%	24%	18%	15%	11%	13%	11%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFettermanHealth] Regardless of who you plan to vote for in the election for U.S. Senate, do you think that John Fetterman’s health is a problem, or is it not a problem?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Problem	195	11	184	162	18	37	11	68	45	26	8
	39%	5%	65%	71%	8%	48%	39%	33%	42%	48%	31%
Not a problem	235	173	57	29	187	27	11	110	51	22	14
	47%	82%	20%	13%	80%	34%	40%	53%	47%	40%	57%
Don't know /Refused to answer[DNR]	71	26	41	37	30	14	6	29	13	6	3
	14%	13%	14%	16%	13%	18%	22%	14%	12%	12%	11%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFettermanHealth] Regardless of who you plan to vote for in the election for U.S. Senate, do you think that John Fetterman’s health is a problem, or is it not a problem?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
Problem	195	166	10	18	144	28	23	173	10	11
	39%	77%	4%	34%	75%	11%	38%	73%	5%	28%
Not a problem	235	20	198	17	22	196	17	28	188	18
	47%	9%	86%	31%	12%	79%	28%	12%	85%	45%
Don't know /Refused to answer[DNR]	71	29	22	19	25	25	20	36	24	11
	14%	14%	10%	35%	13%	10%	34%	15%	11%	26%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFettermanCrime] Regardless of who you plan to vote for in the election for U.S. Senate, do you think that John Fetterman’s positions on crime are a problem, or are they not a problem?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Problem	244	231	160	54	18	192	26	26	44	59	142	163	60	15
	49%	49%	89%	47%	10%	88%	47%	11%	52%	50%	47%	46%	55%	49%
Not a problem	218	206	12	50	146	14	19	185	30	48	140	166	36	13
	44%	44%	7%	43%	82%	7%	34%	81%	35%	41%	47%	47%	33%	43%
Don't know /Refused to answer[DNR]	38	33	7	12	14	11	10	17	11	11	16	22	13	3
	8%	7%	4%	10%	8%	5%	19%	7%	13%	9%	5%	6%	12%	9%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFettermanCrime] Regardless of who you plan to vote for in the election for U.S. Senate, do you think that John Fetterman’s positions on crime are a problem, or are they not a problem?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Problem	244	129	115	18	26	36	85	79	204	18	12	165	73	137	65
	49%	54%	44%	36%	39%	51%	59%	46%	50%	38%	57%	56%	38%	57%	39%
Not a problem	218	88	131	25	35	27	49	82	182	23	6	106	111	86	97
	44%	37%	50%	51%	52%	38%	34%	48%	44%	49%	27%	36%	57%	36%	57%
Don't know /Refused to answer[DNR]	38	21	17	7	5	7	9	9	25	6	3	25	11	17	7
	8%	9%	7%	13%	8%	11%	6%	5%	6%	13%	15%	8%	6%	7%	4%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFettermanCrime] Regardless of who you plan to vote for in the election for U.S. Senate, do you think that John Fetterman’s positions on crime are a problem, or are they not a problem?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Problem	244	9	233	208	23	45	13	89	54	31	11
	49%	4%	83%	91%	10%	58%	47%	43%	50%	57%	44%
Not a problem	218	183	31	9	192	29	10	99	50	16	13
	44%	87%	11%	4%	81%	37%	37%	48%	46%	30%	54%
Don't know /Refused to answer[DNR]	38	18	18	11	21	4	4	17	5	7	1
	8%	9%	6%	5%	9%	5%	15%	8%	5%	12%	3%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QFettermanCrime] Regardless of who you plan to vote for in the election for U.S. Senate, do you think that John Fetterman's positions on crime are a problem, or are they not a problem?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
Problem	244	205	8	31	178	30	36	221	12	11
	49%	95%	4%	57%	93%	12%	61%	93%	6%	27%
Not a problem	218	2	206	10	5	199	14	6	195	18
	44%	1%	89%	19%	2%	80%	24%	2%	88%	45%
Don't know /Refused to answer[DNR]	38	9	16	13	10	19	9	12	15	11
	8%	4%	7%	24%	5%	8%	16%	5%	7%	28%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QOzResidence] Regardless of who you plan to vote for in the election for U.S. Senate, do you think that the question of Mehmet Oz' s residency is a problem, or is it not a problem?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Problem	233	221	28	56	138	35	25	174	31	56	146	177	39	13
	47%	47%	16%	49%	78%	16%	45%	76%	37%	48%	49%	50%	36%	43%
Not a problem	226	215	136	50	27	167	23	36	43	51	132	151	54	15
	45%	46%	76%	43%	15%	77%	42%	16%	51%	44%	44%	43%	50%	48%
Don' t know /Refused to answer[DNR]	41	33	15	9	12	15	7	19	10	10	21	23	15	3
	8%	7%	8%	8%	7%	7%	13%	8%	12%	9%	7%	6%	14%	9%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QOzResidence] Regardless of who you plan to vote for in the election for U.S. Senate, do you think that the question of Mehmet Oz' s residency is a problem, or is it not a problem?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Problem	233	100	133	27	36	28	53	89	195	27	6	120	110	99	95
	47%	42%	51%	53%	54%	40%	37%	53%	47%	58%	30%	41%	56%	41%	56%
Not a problem	226	126	100	17	23	34	82	71	184	15	12	152	69	123	58
	45%	53%	38%	34%	34%	48%	57%	42%	45%	32%	58%	51%	36%	52%	35%
Don' t know /Refused to answer[DNR]	41	12	29	6	8	9	8	10	33	5	2	24	16	17	15
	8%	5%	11%	13%	12%	12%	6%	6%	8%	10%	12%	8%	8%	7%	9%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QOzResidence] Regardless of who you plan to vote for in the election for U.S. Senate, do you think that the question of Mehmet Oz' s residency is a problem, or is it not a problem?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Problem	233	176	54	26	191	30	10	104	55	22	12
	47%	84%	19%	11%	81%	39%	37%	50%	51%	40%	46%
Not a problem	226	18	207	187	24	39	11	88	48	31	10
	45%	9%	73%	82%	10%	51%	41%	42%	44%	56%	39%
Don' t know /Refused to answer[DNR]	41	16	21	16	20	8	6	15	6	2	4
	8%	8%	8%	7%	9%	11%	21%	7%	5%	3%	15%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QOzResidence] Regardless of who you plan to vote for in the election for U.S. Senate, do you think that the question of Mehmet Oz' s residency is a problem, or is it not a problem?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
Problem	233	14	198	21	11	202	20	26	189	19
	47%	7%	86%	38%	6%	81%	34%	11%	85%	46%
Not a problem	226	188	21	17	167	32	28	194	18	14
	45%	87%	9%	31%	87%	13%	47%	82%	8%	35%
Don' t know /Refused to answer[DNR]	41	13	11	17	15	15	11	18	15	7
	8%	6%	5%	31%	8%	6%	19%	8%	7%	18%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QOzTurkish] Regardless of who you plan to vote for in the election for U.S. Senate, do you think that Mehmet Oz' s dual U.S. and Turkish citizenship is a problem, or is it not a problem?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Problem	138	131	16	39	81	20	15	104	17	32	90	100	28	6
	28%	28%	9%	33%	45%	9%	28%	45%	20%	27%	30%	29%	26%	18%
Not a problem	316	297	153	65	79	184	33	99	60	75	181	219	69	23
	63%	63%	86%	57%	44%	85%	61%	43%	71%	64%	61%	62%	64%	74%
Don' t know /Refused to answer[DNR]	46	41	10	11	18	13	6	26	7	11	28	32	12	2
	9%	9%	5%	10%	10%	6%	12%	11%	9%	9%	9%	9%	11%	7%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QOzTurkish] Regardless of who you plan to vote for in the election for U.S. Senate, do you think that Mehmet Oz' s dual U.S. and Turkish citizenship is a problem, or is it not a problem?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Problem	138	70	68	11	16	15	38	59	113	19	2	80	57	66	47
	28%	30%	26%	21%	24%	21%	26%	35%	27%	40%	11%	27%	29%	28%	28%
Not a problem	316	151	165	34	47	43	93	98	261	23	16	192	119	156	103
	63%	63%	63%	68%	71%	62%	65%	58%	63%	48%	77%	65%	61%	65%	61%
Don' t know /Refused to answer[DNR]	46	17	29	6	3	12	12	12	38	5	3	24	19	17	19
	9%	7%	11%	11%	5%	17%	9%	7%	9%	12%	13%	8%	10%	7%	11%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QOzTurkish] Regardless of who you plan to vote for in the election for U.S. Senate, do you think that Mehmet Oz' s dual U.S. and Turkish citizenship is a problem, or is it not a problem?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Problem	138	104	34	17	112	19	4	65	35	10	6
	28%	50%	12%	7%	48%	25%	16%	31%	32%	18%	23%
Not a problem	316	81	232	200	94	52	17	124	67	37	18
	63%	39%	82%	87%	40%	67%	61%	60%	62%	68%	72%
Don' t know /Refused to answer[DNR]	46	25	16	12	29	6	6	17	7	8	1
	9%	12%	6%	5%	12%	8%	23%	8%	6%	14%	5%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QOzTurkish] Regardless of who you plan to vote for in the election for U.S. Senate, do you think that Mehmet Oz' s dual U.S. and Turkish citizenship is a problem, or is it not a problem?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
Problem	138	6	115	17	5	118	15	14	109	16
	28%	3%	50%	32%	3%	47%	25%	6%	49%	39%
Not a problem	316	198	92	26	174	107	35	210	88	18
	63%	92%	40%	48%	91%	43%	60%	88%	39%	46%
Don' t know /Refused to answer[DNR]	46	12	24	11	13	24	9	14	26	6
	9%	5%	10%	20%	7%	10%	15%	6%	12%	15%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGovernor] If the election for Governor were held today, would you vote for [ROTATE: Mastriano/Shapiro] Doug Mastriano, the Republican candidate, Josh Shapiro, the Democratic candidate, Christina Digiulio, the Green Party candidate, Matt Hackenburg, the Libertarian Party candidate, or Joseph Soloski, the Keystone Party of Pennsylvania candidate?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Doug Mastriano	192	184	131	42	9	160	18	15	37	40	115	133	45	11
	38%	39%	73%	37%	5%	74%	32%	6%	44%	34%	39%	38%	42%	36%
Josh Shapiro	249	240	29	54	155	31	23	195	33	57	159	188	44	14
	50%	51%	16%	47%	87%	14%	42%	85%	39%	49%	53%	54%	40%	44%
Christina Digiulio	5	4	-	5	-	-	3	2	1	1	3	4	1	0
	1%	1%		4%			5%	1%	1%	1%	1%	1%	1%	1%
Matt Hackenburg	7	6	2	3	1	6	1	1	3	2	2	4	2	1
	1%	1%	1%	3%	*%	3%	1%	*%	3%	2%	1%	1%	2%	4%
Joseph Soloski	5	4	-	4	1	2	0	3	1	3	1	3	-	1
	1%	1%		3%	1%	1%	1%	1%	1%	3%	*%	1%		2%
Don' t know/Refused [DNR]	41	30	16	7	12	19	10	12	10	14	17	19	16	4
	8%	6%	9%	6%	7%	9%	18%	5%	12%	11%	6%	5%	15%	12%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGovernor] If the election for Governor were held today, would you vote for [ROTATE: Mastriano/Shapiro] Doug Mastriano, the Republican candidate, Josh Shapiro, the Democratic candidate, Christina Digiulio, the Green Party candidate, Matt Hackenburg, the Libertarian Party candidate, or Joseph Soloski, the Keystone Party of Pennsylvania candidate?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Doug Mastriano	192	111	81	16	22	35	61	59	162	11	10	141	47	118	40
	38%	47%	31%	32%	33%	49%	42%	35%	39%	23%	50%	48%	24%	49%	24%
Josh Shapiro	249	97	152	27	34	29	56	102	204	31	5	122	126	97	107
	50%	41%	58%	54%	52%	41%	39%	60%	49%	65%	23%	41%	64%	41%	64%
Christina Digiulio	5	1	4	2	1	1	-	1	4	-	-	2	2	2	2
	1%	1%	1%	4%	2%	1%	-	1%	1%	-	-	1%	1%	1%	1%
Matt Hackenburg	7	5	2	-	2	0	5	-	4	2	-	6	2	3	1
	1%	2%	1%	-	3%	1%	3%	-	1%	5%	-	2%	1%	1%	1%
Joseph Soloski	5	1	4	1	-	1	3	0	4	-	1	4	1	4	-
	1%	*%	2%	2%	-	1%	2%	*%	1%	-	6%	1%	1%	2%	-
Don' t know/Refused [DNR]	41	22	19	4	6	5	18	8	33	3	4	20	17	15	17
	8%	9%	7%	8%	10%	7%	13%	5%	8%	7%	21%	7%	9%	6%	10%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGovernor] If the election for Governor were held today, would you vote for [ROTATE: Mastriano/Shapiro] Doug Mastriano, the Republican candidate, Josh Shapiro, the Democratic candidate, Christina Digiulio, the Green Party candidate, Matt Hackenburg, the Libertarian Party candidate, or Joseph Soloski, the Keystone Party of Pennsylvania candidate?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Doug Mastriano	192	2	189	180	3	39	12	61	41	29	10
	38%	1%	67%	79%	1%	50%	44%	30%	38%	53%	40%
Josh Shapiro	249	192	53	23	210	36	10	115	57	18	12
	50%	91%	19%	10%	89%	46%	37%	56%	52%	34%	49%
Christina Digiulio	5	3	2	1	2	-	-	2	2	-	1
	1%	1%	1%	*%	1%			1%	1%		5%
Matt Hackenburg	7	-	7	2	2	-	-	5	3	-	-
	1%		3%	1%	1%			2%	2%		
Joseph Soloski	5	2	4	3	2	1	-	2	2	1	-
	1%	1%	1%	1%	1%	1%		1%	2%	1%	
Don' t know/Refused [DNR]	41	11	27	19	16	2	5	21	4	7	2
	8%	5%	10%	8%	7%	3%	19%	10%	4%	12%	6%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGovernor] If the election for Governor were held today, would you vote for [ROTATE: Mastriano/Shapiro] Doug Mastriano, the Republican candidate, Josh Shapiro, the Democratic candidate, Christina Digiulio, the Green Party candidate, Matt Hackenburg, the Libertarian Party candidate, or Joseph Soloski, the Keystone Party of Pennsylvania candidate?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
Doug Mastriano	192	178	3	11	192	-	-	189	1	2
	38%	83%	1%	20%	100%			80%	*%	6%
Josh Shapiro	249	16	219	14	-	249	-	20	210	19
	50%	7%	95%	27%		100%		8%	95%	47%
Christina Digiulio	5	2	2	1	-	-	5	1	2	2
	1%	1%	1%	2%			8%	*%	1%	4%
Matt Hackenburg	7	2	-	5	-	-	7	5	1	1
	1%	1%		9%			13%	2%	*%	3%
Joseph Soloski	5	1	1	3	-	-	5	4	1	0
	1%	*%	*%	6%			9%	2%	*%	1%
Don' t know/Refused [DNR]	41	16	6	20	-	-	41	19	7	15
	8%	7%	2%	36%			70%	8%	3%	39%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGovernorMastriano] You indicated that you plan to vote for Doug Mastriano in the election for Pennsylvania Governor. Would you DEFINITELY vote for Doug Mastriano or only PROBABLY vote for Doug Mastriano?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	192	184	131	42	9	160	18	15	37	40	115	133	45	11
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Unweighted Total	190	181	126	44	11	154	20	16	44	35	111	126	49	12
Definitely vote for Doug Mastriano	169	165	117	40	8	145	11	12	30	32	106	119	38	10
	88%	90%	89%	96%	84%	91%	65%	84%	83%	81%	92%	90%	85%	91%
Probably Vote for Doug Mastriano	23	19	14	2	1	14	6	2	6	7	9	14	7	1
	12%	10%	11%	4%	16%	9%	35%	16%	17%	19%	8%	10%	15%	9%
Don' t know/Refused [DNR]	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGovernorMastriano] You indicated that you plan to vote for Doug Mastriano in the election for Pennsylvania Governor.
 Would you DEFINITELY vote for Doug Mastriano or only PROBABLY vote for Doug Mastriano?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	192	111	81	16	22	35	61	59	162	11	10	141	47	118	40
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Unweighted Total	190	114	76	19	22	34	62	53	155	11	12	147	39	123	28
Definitely vote for Doug Mastriano	169	100	69	15	18	30	56	51	145	9	8	123	44	104	38
	88%	90%	85%	89%	81%	85%	93%	87%	89%	78%	81%	87%	93%	88%	93%
Probably Vote for Doug Mastriano	23	11	12	2	4	5	4	8	17	2	2	19	3	14	3
	12%	10%	15%	11%	19%	15%	7%	13%	11%	22%	19%	13%	7%	12%	7%
Don't know/Refused [DNR]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGovernorMastriano] You indicated that you plan to vote for Doug Mastriano in the election for Pennsylvania Governor.
 Would you DEFINITELY vote for Doug Mastriano or only PROBABLY vote for Doug Mastriano?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	192	2	189	180	3	39	12	61	41	29	10
	100	100	100	100	100	100	100	100	100	100	100
Unweighted Total	190	3	186	174	4	39	8	55	40	35	13
Definitely vote for Doug Mastriano	169	1	168	161	2	37	12	52	34	25	9
	88%	67%	89%	90%	57%	95%	100%	86%	83%	88%	87%
Probably Vote for Doug Mastriano	23	1	21	19	1	2	-	9	7	4	1
	12%	33%	11%	10%	43%	5%		14%	17%	12%	13%
Don' t know/Refused [DNR]	-	-	-	-	-	-	-	-	-	-	-

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGovernorMastriano] You indicated that you plan to vote for Doug Mastriano in the election for Pennsylvania Governor.
 Would you DEFINITELY vote for Doug Mastriano or only PROBABLY vote for Doug Mastriano?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	192	178	3	11	192	-	-	189	1	2
	100	100	100	100	100			100	100	100
Unweighted Total	190	176	2	12	190	-	-	186	1	3
Definitely vote for Doug Mastriano	169	161	2	6	169	-	-	168	-	1
	88%	90%	76%	54%	88%			89%		55%
Probably Vote for Doug Mastriano	23	17	1	5	23	-	-	21	1	1
	12%	10%	24%	46%	12%			11%	100%	45%
Don't know/Refused [DNR]	-	-	-	-	-	-	-	-	-	-

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGovernorShapiro] You indicated that you plan to vote for Josh Shapiro in the election for Pennsylvania Governor.
 Would you DEFINITELY vote for Josh Shapiro or only PROBABLY vote for Josh Shapiro?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	249	240	29	54	155	31	23	195	33	57	159	188	44	14
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Unweighted Total	251	240	26	60	151	30	27	194	41	48	162	183	48	17
Definitely vote for Josh Shapiro	232	225	24	48	150	26	20	186	28	54	149	178	40	11
	93%	94%	82%	89%	97%	83%	89%	95%	86%	95%	94%	95%	91%	83%
Probably Vote for Josh Shapiro	16	14	5	4	5	5	3	8	5	2	9	10	4	2
	6%	6%	18%	8%	3%	17%	11%	4%	14%	3%	6%	5%	9%	17%
Don' t know/Refused [DNR]	1	1	-	1	-	-	-	1	-	1	-	-	-	-
	1%	1%		3%				1%		2%				

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGovernorShapiro] You indicated that you plan to vote for Josh Shapiro in the election for Pennsylvania Governor.
 Would you DEFINITELY vote for Josh Shapiro or only PROBABLY vote for Josh Shapiro?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	249	97	152	27	34	29	56	102	204	31	5	122	126	97	107
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Unweighted Total	251	106	145	30	34	35	59	93	190	39	8	132	118	109	81
Definitely vote for Josh Shapiro	232	88	143	24	31	24	56	96	190	28	5	110	120	87	102
	93%	91%	94%	90%	91%	82%	99%	95%	93%	93%	100%	90%	96%	90%	96%
Probably Vote for Josh Shapiro	16	7	9	1	3	5	1	5	13	2	-	12	4	10	3
	6%	7%	6%	5%	9%	18%	1%	5%	6%	7%	-	10%	3%	10%	3%
Don' t know/Refused [DNR]	1	1	-	1	-	-	-	-	1	-	-	-	1	-	1
	1%	1%	-	5%	-	-	-	-	1%	-	-	-	1%	-	1%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGovernorShapiro] You indicated that you plan to vote for Josh Shapiro in the election for Pennsylvania Governor.
 Would you DEFINITELY vote for Josh Shapiro or only PROBABLY vote for Josh Shapiro?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	249	192	53	23	210	36	10	115	57	18	12
	100	100	100	100	100	100	100	100	100	100	100
Unweighted Total	251	192	54	19	210	40	8	108	58	22	15
Definitely vote for Josh Shapiro	232	183	45	17	202	34	10	106	54	18	11
	93%	95%	84%	74%	97%	93%	100%	92%	94%	97%	85%
Probably Vote for Josh Shapiro	16	7	8	6	7	2	-	8	3	1	2
	6%	4%	16%	26%	3%	7%		7%	6%	3%	15%
Don' t know/Refused [DNR]	1	1	-	-	-	-	-	1	-	-	-
	1%	1%						1%			

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGovernorShapiro] You indicated that you plan to vote for Josh Shapiro in the election for Pennsylvania Governor.
 Would you DEFINITELY vote for Josh Shapiro or only PROBABLY vote for Josh Shapiro?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	249	16	219	14	-	249	-	20	210	19
	100	100	100	100		100		100	100	100
Unweighted Total	251	12	223	16	-	251	-	18	215	18
Definitely vote for Josh Shapiro	232	12	210	10	-	232	-	15	200	16
	93%	78%	96%	66%		93%		78%	95%	84%
Probably Vote for Josh Shapiro	16	3	8	5	-	16	-	4	10	2
	6%	22%	3%	34%		6%		22%	5%	8%
Don't know/Refused [DNR]	1	-	1	-	-	1	-	-	-	1
	1%		1%			1%				7%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGenericCongressional] If the election for U.S. House of Representatives in your district were held today, would you vote for the Republican candidate or the Democratic candidate?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
DEFINITELY/PROBABLY THE REPUBLICAN CANDIDATE	238	225	163	54	8	197	24	16	44	54	140	161	56	15
	48%	48%	91%	47%	5%	91%	44%	7%	52%	46%	47%	46%	52%	50%
DEFINITELY/PROBABLY THE DEMOCRATIC CANDIDATE	222	213	8	49	155	10	18	195	31	51	140	167	42	13
	44%	45%	4%	42%	87%	5%	32%	85%	36%	44%	47%	48%	39%	41%
Definitely the Republican candidate	195	191	142	39	8	169	14	12	33	44	119	137	45	11
	39%	41%	80%	34%	4%	78%	25%	5%	39%	37%	40%	39%	42%	35%
Probably the Republican candidate	42	35	21	15	1	28	10	4	11	10	21	24	11	5
	8%	7%	12%	13%	*%	13%	19%	2%	13%	9%	7%	7%	10%	15%
Probably the Democratic candidate	30	25	2	12	14	2	5	22	6	7	17	21	6	3
	6%	5%	1%	10%	8%	1%	10%	10%	7%	6%	6%	6%	5%	11%
Definitely the Democratic candidate	192	188	6	37	141	7	12	172	25	44	123	146	36	9
	38%	40%	3%	32%	80%	3%	23%	75%	29%	38%	41%	42%	33%	31%
Don' t know/Refused [DNR]	40	31	8	13	14	10	13	18	10	12	18	23	11	3
	8%	7%	5%	11%	8%	5%	23%	8%	12%	10%	6%	6%	10%	9%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGenericCongressional] If the election for U.S. House of Representatives in your district were held today, would you vote for the Republican candidate or the Democratic candidate?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
DEFINITELY/PROBABLY THE REPUBLICAN CANDIDATE	238	131	107	20	28	38	78	73	201	13	14	161	69	137	60
	48%	55%	41%	39%	43%	55%	55%	43%	49%	28%	68%	55%	35%	57%	36%
DEFINITELY/PROBABLY THE DEMOCRATIC CANDIDATE	222	83	139	27	32	26	54	83	179	30	5	116	106	88	91
	44%	35%	53%	53%	49%	37%	38%	49%	44%	63%	23%	39%	54%	37%	54%
Definitely the Republican candidate	195	110	85	14	22	29	70	62	170	9	10	130	60	115	53
	39%	46%	32%	28%	33%	41%	48%	36%	41%	19%	50%	44%	31%	48%	31%
Probably the Republican candidate	42	20	22	6	7	10	9	11	31	4	4	31	9	22	7
	8%	9%	8%	11%	10%	14%	6%	7%	8%	9%	18%	11%	4%	9%	4%
Probably the Democratic candidate	30	12	18	4	5	5	6	9	27	2	0	17	13	15	12
	6%	5%	7%	9%	8%	7%	4%	5%	7%	4%	2%	6%	7%	6%	7%
Definitely the Democratic candidate	192	70	122	22	27	21	48	74	152	28	4	98	93	73	79
	38%	30%	46%	45%	41%	30%	33%	43%	37%	59%	21%	33%	48%	31%	47%
Don't know/Refused [DNR]	40	24	16	4	5	6	11	14	31	4	2	19	20	14	17
	8%	10%	6%	8%	8%	8%	8%	8%	8%	9%	10%	6%	10%	6%	10%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGenericCongressional] If the election for U.S. House of Representatives in your district were held today, would you vote for the Republican candidate or the Democratic candidate?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/Lancaster/York	Johnstown/Altoona	Philadelphia	Pittsburgh	Wilkes-Barre/Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
DEFINITELY/PROBABLY THE REPUBLICAN CANDIDATE	238 48%	3 1%	235 83%	215 94%	8 3%	46 59%	15 52%	78 38%	54 50%	33 61%	12 46%
DEFINITELY/PROBABLY THE DEMOCRATIC CANDIDATE	222 44%	190 91%	27 10%	4 2%	204 87%	28 36%	10 37%	105 51%	49 45%	18 33%	13 50%
Definitely the Republican candidate	195 39%	1 1%	194 69%	183 80%	4 2%	40 51%	12 44%	63 31%	42 38%	29 54%	9 38%
Probably the Republican candidate	42 8%	2 1%	41 14%	32 14%	4 2%	6 8%	2 9%	15 7%	12 11%	4 8%	2 8%
Probably the Democratic candidate	30 6%	21 10%	8 3%	2 1%	24 10%	3 4%	3 11%	14 7%	5 5%	1 3%	3 14%
Definitely the Democratic candidate	192 38%	169 81%	19 7%	2 1%	180 77%	25 32%	7 27%	90 44%	43 40%	16 30%	9 37%
Don't know/Refused [DNR]	40 8%	17 8%	20 7%	10 4%	23 10%	4 5%	3 10%	23 11%	6 5%	3 6%	1 4%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGenericCongressional] If the election for U.S. House of Representatives in your district were held today, would you vote for the Republican candidate or the Democratic candidate?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
DEFINITELY/PROBABLY THE REPUBLICAN CANDIDATE	238 48%	209 97%	4 2%	24 45%	189 98%	20 8%	29 49%	238 100%	-	-
DEFINITELY/PROBABLY THE DEMOCRATIC CANDIDATE	222 44%	1 *%	212 92%	9 17%	1 *%	210 84%	11 19%	-	222 100%	-
Definitely the Republican candidate	195 39%	182 85%	2 1%	11 20%	168 87%	12 5%	16 27%	195 82%	-	-
Probably the Republican candidate	42 8%	27 12%	2 1%	14 25%	21 11%	8 3%	13 22%	42 18%	-	-
Probably the Democratic candidate	30 6%	-	24 11%	6 11%	1 *%	27 11%	3 5%	-	30 14%	-
Definitely the Democratic candidate	192 38%	1 *%	187 82%	4 7%	-	183 74%	9 15%	-	192 86%	-
Don' t know/Refused [DNR]	40 8%	5 2%	14 6%	21 38%	2 1%	19 8%	19 32%	-	-	40 100%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QParty] Regardless of how you typically vote, would you say you consider yourself a Republican, Democrat, independent, or something else?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Republican	179	170	179	-	-	179	-	-	30	34	115	123	46	8
	36%	36%	100%			83%			35%	29%	39%	35%	42%	27%
Democrat	177	168	-	-	177	-	-	177	26	41	110	127	40	9
	35%	36%			100%			78%	31%	35%	37%	36%	37%	30%
Independent	115	106	-	115	-	36	31	48	21	33	61	84	17	10
	23%	23%		100%		17%	57%	21%	24%	28%	21%	24%	15%	32%
Something Else (Please Specify)	19	19	-	-	-	-	19	-	5	4	10	14	3	1
	4%	4%					34%		5%	4%	3%	4%	3%	5%
Don' t know/Refused [DNR]	10	7	-	-	-	1	5	3	3	5	2	4	3	2
	2%	2%				1%	9%	1%	4%	4%	1%	1%	3%	6%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QParty] Regardless of how you typically vote, would you say you consider yourself a Republican, Democrat, independent, or something else?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Republican	179	94	84	14	20	18	62	65	159	6	7	120	52	106	49
	36%	40%	32%	28%	30%	25%	43%	38%	39%	13%	36%	41%	26%	44%	29%
Democrat	177	73	104	15	20	21	49	72	136	29	4	90	86	64	72
	35%	31%	40%	30%	31%	30%	34%	42%	33%	62%	19%	31%	44%	27%	43%
Independent	115	52	63	16	17	27	28	27	95	9	7	67	48	56	39
	23%	22%	24%	32%	25%	38%	20%	16%	23%	20%	32%	23%	24%	23%	23%
Something Else (Please Specify)	19	12	7	5	5	4	2	3	14	2	1	12	7	9	6
	4%	5%	3%	9%	8%	5%	2%	2%	4%	5%	5%	4%	3%	4%	3%
Don' t know/Refused [DNR]	10	6	4	0	4	1	2	3	8	-	2	6	3	5	3
	2%	2%	2%	1%	6%	1%	1%	2%	2%		7%	2%	2%	2%	2%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QParty] Regardless of how you typically vote, would you say you consider yourself a Republican, Democrat, independent, or something else?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/Lancaster/York	Johnstown/Altoona	Philadelphia	Pittsburgh	Wilkes-Barre/Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Republican	179	10	167	159	14	37	12	54	43	20	12
	36%	5%	59%	69%	6%	48%	43%	26%	40%	36%	49%
Democrat	177	145	29	12	159	23	8	85	35	19	6
	35%	69%	10%	5%	68%	30%	30%	41%	32%	36%	24%
Independent	115	47	67	45	51	16	5	52	26	11	6
	23%	23%	24%	20%	22%	20%	17%	25%	24%	20%	22%
Something Else (Please Specify)	19	3	15	10	6	1	-	11	4	2	-
	4%	1%	5%	5%	3%	1%		6%	4%	4%	
Don't know/Refused [DNR]	10	5	4	3	5	1	3	2	-	2	1
	2%	2%	1%	1%	2%	2%	10%	1%		4%	4%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QParty] Regardless of how you typically vote, would you say you consider yourself a Republican, Democrat, independent, or something else?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
Republican	179	153	10	16	131	29	19	163	8	8
	36%	71%	4%	30%	68%	12%	32%	69%	4%	20%
Democrat	177	10	155	12	9	155	14	8	155	14
	35%	5%	67%	23%	5%	62%	23%	4%	70%	35%
Independent	115	43	55	18	42	54	19	54	49	13
	23%	20%	24%	32%	22%	22%	32%	23%	22%	32%
Something Else (Please Specify)	19	9	7	3	8	8	2	11	8	-
	4%	4%	3%	5%	4%	3%	3%	5%	3%	
Don' t know/Refused [DNR]	10	1	3	6	1	3	6	1	3	5
	2%	1%	1%	10%	1%	1%	10%	1%	1%	13%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QPartyLean] Which of the following statements would you say best describes you?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	125	113	-	115	-	38	36	51	24	38	63	88	19	12
	100	100		100		100	100	100	100	100	100	100	100	100
I almost always vote for Republican candidates	13	13	-	12	-	13	-	-	3	1	9	9	1	2
	11%	12%		11%		35%			13%	4%	14%	11%	7%	21%
I vote for Republicans more often than I vote for Democrats	25	23	-	24	-	25	-	-	8	9	8	16	5	4
	20%	20%		21%		65%			35%	23%	12%	18%	24%	31%
I vote for Democrats more often than I vote for Republicans	27	24	-	25	-	-	-	27	2	9	16	21	2	2
	22%	21%		22%				53%	10%	23%	25%	24%	11%	20%
I almost always vote for Democratic candidates	24	21	-	23	-	-	-	24	3	6	14	19	3	1
	19%	19%		20%				47%	14%	17%	22%	22%	13%	6%
I vote equally for Democrats and Republicans	20	19	-	19	-	-	20	-	3	6	12	14	5	-
	16%	17%		17%			56%		11%	16%	18%	16%	25%	
Unsure	16	13	-	12	-	-	16	-	4	7	5	8	4	3
	13%	11%		10%			44%		17%	18%	8%	9%	19%	22%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QPartyLean] Which of the following statements would you say best describes you?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	125	58	67	17	21	28	30	30	103	9	8	73	51	61	42
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
I almost always vote for Republican candidates	13	7	6	2	2	1	5	2	10	3	1	8	5	7	3
	11%	13%	9%	13%	11%	5%	16%	8%	9%	32%	7%	11%	10%	11%	7%
I vote for Republicans more often than I vote for Democrats	25	18	7	4	4	6	6	5	20	1	2	17	8	14	6
	20%	31%	10%	21%	19%	23%	20%	17%	19%	15%	30%	23%	15%	22%	15%
I vote for Democrats more often than I vote for Republicans	27	9	18	3	2	7	7	7	22	1	3	15	12	13	9
	22%	16%	27%	20%	11%	26%	24%	24%	22%	9%	39%	21%	23%	21%	22%
I almost always vote for Democratic candidates	24	5	19	4	3	5	5	7	20	3	1	11	13	9	11
	19%	8%	29%	26%	16%	17%	15%	23%	19%	38%	8%	15%	26%	14%	27%
I vote equally for Democrats and Republicans	20	11	10	1	3	4	4	8	17	1	0	14	6	12	5
	16%	18%	14%	6%	14%	16%	13%	27%	17%	6%	5%	19%	12%	20%	12%
Unsure	16	8	8	2	6	4	4	0	14	-	1	8	7	7	7
	13%	14%	12%	14%	28%	14%	12%	1%	14%		11%	11%	15%	11%	18%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QPartyLean] Which of the following statements would you say best describes you?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	125	52	71	48	56	17	8	55	26	13	7
	100	100	100	100	100	100	100	100	100	100	100
I almost always vote for Republican candidates	13	-	13	12	-	3	2	2	4	2	-
	11%		19%	25%		20%	21%	4%	16%	13%	
I vote for Republicans more often than I vote for Democrats	25	2	23	17	2	3	-	12	5	3	1
	20%	3%	32%	37%	4%	20%		22%	20%	22%	15%
I vote for Democrats more often than I vote for Republicans	27	16	11	5	18	2	-	12	7	4	3
	22%	31%	15%	11%	32%	10%		22%	28%	28%	40%
I almost always vote for Democratic candidates	24	21	3	1	20	3	1	12	5	1	2
	19%	40%	4%	2%	36%	16%	7%	23%	19%	7%	34%
I vote equally for Democrats and Republicans	20	6	13	11	6	5	1	8	2	3	1
	16%	12%	18%	24%	10%	27%	14%	15%	9%	25%	8%
Unsure	16	7	8	1	10	1	4	7	2	1	0
	13%	14%	11%	1%	18%	6%	57%	13%	9%	5%	3%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QPartyLean] Which of the following statements would you say best describes you?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	125 100	44 100	58 100	23 100	43 100	57 100	25 100	55 100	52 100	18 100
I almost always vote for Republican candidates	13 11%	11 25%	-	2 9%	13 30%	0 *%	-	13 24%	-	-
I vote for Republicans more often than I vote for Democrats	25 20%	14 32%	4 7%	6 27%	15 35%	2 4%	7 30%	21 38%	2 4%	2 9%
I vote for Democrats more often than I vote for Republicans	27 22%	5 10%	19 33%	3 14%	5 11%	19 33%	4 14%	7 12%	19 36%	2 10%
I almost always vote for Democratic candidates	24 19%	1 2%	21 37%	1 6%	1 2%	21 37%	2 6%	1 2%	21 41%	2 10%
I vote equally for Democrats and Republicans	20 16%	10 22%	7 12%	3 14%	8 19%	9 16%	3 10%	10 18%	6 12%	4 21%
Unsure	16 13%	3 7%	6 10%	7 30%	1 2%	5 9%	10 39%	3 5%	4 8%	9 50%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QPartyConsolidated] QParty and QPartyLean

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Total Republican+Republican-leaning Independents	217	206	179	36	-	217	-	-	41	44	131	147	52	14
	43%	44%	100%	32%		100%			49%	38%	44%	42%	47%	47%
Total Democratic+Democratic-leaning Independents	229	213	-	48	177	-	-	229	32	56	140	167	45	12
	46%	45%		41%	100%			100%	38%	48%	47%	48%	41%	40%
Total Independent/Other	55	50	-	31	-	-	55	-	11	17	27	36	12	4
	11%	11%		27%			100%		13%	14%	9%	10%	11%	13%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QPartyConsolidated] QParty and QPartyLean

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Total Republican+Republican-leaning Independents	217	120	97	20	26	25	73	73	189	10	10	145	64	126	58
	43%	50%	37%	39%	40%	36%	51%	43%	46%	22%	51%	49%	33%	53%	34%
Total Democratic+Democratic-leaning Independents	229	87	141	23	26	33	61	86	178	34	8	116	111	85	92
	46%	37%	54%	45%	39%	47%	43%	50%	43%	71%	37%	39%	57%	36%	55%
Total Independent/Other	55	30	24	8	14	12	10	11	46	3	2	34	20	28	18
	11%	13%	9%	16%	21%	17%	7%	7%	11%	6%	12%	11%	10%	12%	11%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QPartyConsolidated] QParty and QPartyLean

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Total Republican+Republican- leaning Independents	217	12	203	188	16	44	13	69	53	24	13
	43%	6%	72%	82%	7%	56%	49%	33%	49%	45%	53%
Total Democratic+Democratic- leaning Independents	229	181	43	18	197	28	9	110	47	24	11
	46%	86%	15%	8%	84%	35%	32%	53%	43%	44%	44%
Total Independent/Other	55	17	35	22	22	6	5	27	9	6	1
	11%	8%	13%	10%	9%	8%	19%	13%	8%	11%	3%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QPartyConsolidated] QParty and QPartyLean

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
Total Republican+Republican-leaning Independents	217	178	14	24	160	31	26	197	10	10
	43%	83%	6%	45%	83%	12%	44%	83%	4%	24%
Total Democratic+Democratic-leaning Independents	229	16	196	17	15	195	19	16	195	18
	46%	7%	85%	31%	8%	78%	32%	7%	88%	44%
Total Independent/Other	55	22	20	13	18	23	14	24	18	13
	11%	10%	9%	24%	9%	9%	24%	10%	8%	32%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[Q2020Ballot] For which candidate did you vote in the 2020 presidential election? If you did not vote in the 2020 presidential election, just say so.

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Donald Trump	229	218	159	45	12	188	22	18	39	55	135	153	60	12
	46%	46%	89%	39%	7%	87%	41%	8%	47%	46%	45%	44%	55%	38%
Joe Biden	235	226	14	51	159	16	22	197	27	58	150	184	44	5
	47%	48%	8%	44%	90%	8%	40%	86%	32%	49%	50%	53%	41%	18%
Someone else	5	4	1	4	-	1	3	1	1	1	3	3	2	-
	1%	1%	*%	3%	-	*%	6%	*%	1%	1%	1%	1%	2%	-
I did not vote	30	20	4	15	7	11	7	13	18	3	9	10	3	14
	6%	4%	2%	13%	4%	5%	12%	5%	21%	3%	3%	3%	3%	44%
Don' t know/Refused [DNR]	1	1	1	-	-	1	0	-	-	-	1	1	-	-
	*%	*%	*%	-	-	*%	*%	-	-	-	*%	*%	-	-

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[Q2020Ballot] For which candidate did you vote in the 2020 presidential election? If you did not vote in the 2020 presidential election, just say so.

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Donald Trump	229	127	101	16	24	33	76	79	197	10	12	157	65	136	56
	46%	54%	39%	31%	36%	47%	53%	47%	48%	21%	60%	53%	33%	57%	33%
Joe Biden	235	88	147	22	34	33	59	87	188	32	6	109	125	81	107
	47%	37%	56%	44%	51%	46%	41%	52%	46%	69%	31%	37%	64%	34%	63%
Someone else	5	3	2	1	1	1	2	0	5	-	-	3	2	3	2
	1%	1%	1%	2%	2%	1%	1%	*%	1%			1%	1%	1%	1%
I did not vote	30	18	12	12	7	4	5	2	22	4	2	27	3	19	3
	6%	7%	5%	23%	11%	6%	4%	1%	5%	9%	9%	9%	1%	8%	2%
Don' t know/Refused [DNR]	1	1	-	-	0	-	0	0	1	0	-	1	0	0	0
	*%	*%			*%		*%	*%	*%	1%		*%	*%	*%	*%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[Q2020Ballot] For which candidate did you vote in the 2020 presidential election? If you did not vote in the 2020 presidential election, just say so.

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Donald Trump	229	3	224	229	-	46	15	73	52	32	11
	46%	2%	80%	100%		59%	52%	36%	48%	59%	45%
Joe Biden	235	194	36	-	235	30	12	117	46	19	12
	47%	93%	13%		100%	38%	44%	57%	42%	35%	46%
Someone else	5	1	4	-	-	0	-	3	2	-	0
	1%	1%	1%			*%		2%	1%		1%
I did not vote	30	11	17	-	-	2	1	12	10	3	2
	6%	5%	6%			3%	4%	6%	9%	6%	8%
Don' t know/Refused [DNR]	1	-	0	-	-	0	-	0	-	0	0
	*%		*%			*%		*%		1%	1%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[Q2020Ballot] For which candidate did you vote in the 2020 presidential election? If you did not vote in the 2020 presidential election, just say so.

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
Donald Trump	229	199	8	22	180	23	25	215	4	10
	46%	92%	4%	40%	94%	9%	43%	90%	2%	25%
Joe Biden	235	5	206	25	3	210	22	8	204	23
	47%	2%	90%	45%	2%	84%	38%	3%	92%	58%
Someone else	5	2	2	1	1	2	2	2	1	2
	1%	1%	1%	2%	*%	1%	4%	1%	1%	5%
I did not vote	30	10	14	6	8	13	9	13	13	4
	6%	4%	6%	11%	4%	5%	15%	5%	6%	10%
Don' t know/Refused [DNR]	1	0	-	1	0	0	1	0	-	1
	*%	*%		1%	*%	*%	1%	*%		1%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGender] What is your gender?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Male	237	222	94	52	73	120	30	87	43	60	134	159	59	14
	47%	47%	53%	45%	41%	55%	55%	38%	51%	51%	45%	45%	55%	45%
Female	263	248	84	63	104	97	24	141	41	58	164	192	49	17
	53%	53%	47%	55%	59%	45%	45%	62%	49%	49%	55%	55%	45%	55%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGender] What is your gender?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Male	237	237	-	27	33	40	78	60	196	21	9	151	83	121	72
	47%	100%		54%	49%	56%	54%	35%	47%	46%	45%	51%	43%	51%	43%
Female	263	-	263	23	34	31	65	110	216	26	11	144	112	118	96
	53%		100%	46%	51%	44%	46%	65%	53%	54%	55%	49%	57%	49%	57%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGender] What is your gender?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Male	237	84	151	127	88	35	17	98	51	27	9
	47%	40%	54%	56%	38%	45%	61%	47%	47%	50%	34%
Female	263	126	131	101	147	42	11	108	58	27	16
	53%	60%	46%	44%	62%	55%	39%	53%	53%	50%	66%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QGender] What is your gender?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
Male	237	119	91	28	111	97	30	131	83	24
	47%	55%	40%	51%	58%	39%	51%	55%	37%	60%
Female	263	97	139	27	81	152	29	107	139	16
	53%	45%	60%	49%	42%	61%	49%	45%	63%	40%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QAge] What is your age?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
18-29	50	43	14	16	15	20	8	23	24	19	7	20	17	12
	10%	9%	8%	14%	8%	9%	14%	10%	28%	16%	2%	6%	16%	37%
30-39	66	60	20	17	20	26	14	26	17	21	28	41	19	5
	13%	13%	11%	15%	11%	12%	26%	11%	20%	18%	9%	12%	17%	16%
40-49	70	67	18	27	21	25	12	33	13	23	35	51	15	3
	14%	14%	10%	23%	12%	12%	21%	15%	15%	20%	12%	15%	14%	8%
50-64	143	135	62	28	49	73	10	61	17	33	93	105	32	5
	29%	29%	35%	25%	28%	33%	18%	27%	21%	28%	31%	30%	29%	15%
65+	170	164	65	27	72	73	11	86	13	21	135	134	26	7
	34%	35%	37%	23%	40%	34%	21%	37%	16%	18%	45%	38%	24%	23%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QAge] What is your age?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
18-29	50	27	23	50	-	-	-	-	48	0	1	32	18	31	18
	10%	11%	9%	100%					12%	1%	3%	11%	9%	13%	11%
30-39	66	33	34	-	66	-	-	-	54	4	6	29	37	21	33
	13%	14%	13%		100%				13%	8%	32%	10%	19%	9%	20%
40-49	70	40	31	-	-	70	-	-	50	11	6	36	32	25	24
	14%	17%	12%			100%			12%	24%	32%	12%	16%	10%	14%
50-64	143	78	65	-	-	-	143	-	112	16	6	93	47	74	38
	29%	33%	25%				100%		27%	35%	29%	31%	24%	31%	22%
65+	170	60	110	-	-	-	-	170	147	15	1	105	62	89	56
	34%	25%	42%					100%	36%	33%	5%	36%	31%	37%	33%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QAge] What is your age?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500 100	210 100	282 100	229 100	235 100	78 100	28 100	206 100	109 100	54 100	25 100
18-29	50 10%	22 10%	27 9%	16 7%	22 9%	5 6%	4 15%	25 12%	11 10%	4 8%	1 3%
30-39	66 13%	29 14%	35 12%	24 10%	34 14%	13 17%	5 18%	25 12%	15 14%	3 6%	5 18%
40-49	70 14%	26 13%	44 16%	33 15%	33 14%	11 14%	3 9%	34 17%	10 9%	10 18%	3 13%
50-64	143 29%	50 24%	91 32%	76 33%	59 25%	26 33%	10 38%	55 27%	35 32%	12 22%	5 21%
65+	170 34%	82 39%	86 30%	79 35%	87 37%	23 30%	6 20%	67 32%	38 35%	25 47%	11 44%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QAge] What is your age?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500 100	216 100	230 100	54 100	192 100	249 100	59 100	238 100	222 100	40 100
18-29	50 10%	15 7%	28 12%	7 13%	16 8%	27 11%	7 12%	20 8%	27 12%	4 10%
30-39	66 13%	24 11%	32 14%	10 18%	22 11%	34 14%	10 16%	28 12%	32 14%	5 14%
40-49	70 14%	34 16%	29 13%	8 14%	35 18%	29 12%	7 11%	38 16%	26 12%	6 14%
50-64	143 29%	73 34%	51 22%	20 36%	61 32%	56 23%	26 45%	78 33%	54 24%	11 27%
65+	170 34%	70 32%	90 39%	10 19%	59 31%	102 41%	9 16%	73 31%	83 37%	14 35%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QRace] What is your race? You may select more than one.

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Black	49	45	6	10	30	11	4	34	10	14	26	31	15	2
	10%	10%	3%	9%	17%	5%	8%	15%	12%	11%	9%	9%	14%	7%
White	426	400	165	100	137	197	48	181	69	96	260	302	90	26
	85%	85%	92%	87%	77%	91%	88%	79%	82%	82%	87%	86%	82%	83%
Hispanic/Latino	20	18	7	7	4	10	2	8	7	6	7	10	8	2
	4%	4%	4%	6%	2%	5%	4%	3%	8%	5%	2%	3%	7%	7%
Asian	10	10	3	-	6	3	1	6	-	3	7	9	1	-
	2%	2%	2%		3%	1%	2%	3%		2%	2%	3%	1%	
Native American	4	4	0	2	1	1	2	1	0	2	2	3	1	-
	1%	1%	*%	2%	*%	*%	4%	*%	*%	1%	1%	1%	1%	
Something Else	1	1	-	1	-	-	1	-	-	0	0	1	-	-
	*%	*%		*%			1%			*%	*%	*%		
Don't know/Refused	8	7	3	2	2	3	2	2	2	3	3	4	2	1
	2%	2%	2%	2%	1%	1%	4%	1%	2%	2%	1%	1%	2%	3%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QRace] What is your race? You may select more than one.

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Black	49	23	26	0	5	11	17	16	-	47	2	32	16	-	-
	10%	10%	10%	1%	8%	16%	12%	9%		100%	8%	11%	8%		
White	426	202	224	48	60	53	116	148	412	-	10	247	172	239	168
	85%	85%	85%	96%	91%	75%	81%	87%	100%		52%	83%	88%	100%	100%
Hispanic/Latino	20	9	11	1	6	6	6	1	-	-	20	11	7	-	-
	4%	4%	4%	1%	10%	9%	4%	1%			100%	4%	3%		
Asian	10	7	3	-	1	-	6	3	-	-	1	7	3	-	-
	2%	3%	1%		2%		4%	2%			5%	2%	2%		
Native American	4	3	1	-	1	1	0	2	-	-	1	3	1	-	-
	1%	1%	*%		2%	1%	*%	1%			5%	1%	*%		
Something Else	1	1	-	-	-	0	0	-	-	-	-	0	0	-	-
	*%	*%				*%	*%					*%	*%		
Don't know/Refused	8	2	5	1	1	2	2	2	-	-	-	6	1	-	-
	2%	1%	2%	2%	2%	2%	2%	1%				2%	*%		

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QRace] What is your race? You may select more than one.

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Black	49	30	19	12	33	8	1	26	12	1	2
	10%	14%	7%	5%	14%	11%	2%	13%	11%	2%	6%
White	426	172	247	207	191	67	27	165	94	50	22
	85%	82%	88%	90%	81%	87%	98%	80%	86%	92%	90%
Hispanic/Latino	20	3	15	12	6	3	2	10	0	3	1
	4%	2%	5%	5%	3%	4%	8%	5%	*%	6%	4%
Asian	10	4	6	4	6	0	-	10	-	-	-
	2%	2%	2%	2%	3%	*%		5%			
Native American	4	1	3	3	1	1	1	2	-	-	-
	1%	*%	1%	1%	*%	1%	4%	1%			
Something Else	1	-	0	-	0	-	-	0	0	-	-
	*%		*%		*%			*%	*%		
Don't know/Refused	8	2	5	5	1	1	-	3	3	-	0
	2%	1%	2%	2%	*%	1%		2%	3%		1%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QRace] What is your race? You may select more than one.

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500 100	216 100	230 100	54 100	192 100	249 100	59 100	238 100	222 100	40 100
Black	49 10%	12 6%	28 12%	9 16%	12 6%	31 13%	7 11%	15 6%	30 14%	4 10%
White	426 85%	192 89%	192 84%	42 77%	169 88%	206 83%	50 85%	211 89%	182 82%	32 80%
Hispanic/Latino	20 4%	12 6%	5 2%	4 7%	10 5%	5 2%	6 9%	14 6%	5 2%	2 5%
Asian	10 2%	3 1%	4 2%	3 6%	3 2%	6 2%	1 2%	4 2%	4 2%	2 5%
Native American	4 1%	2 1%	0 *%	2 3%	2 1%	1 *%	1 2%	3 1%	1 *%	-
Something Else	1 *%	-	0 *%	0 1%	-	1 *%	-	-	-	1 1%
Don't know/Refused	8 2%	3 2%	2 1%	2 3%	3 2%	2 1%	2 3%	4 2%	3 1%	0 1%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QEducation] What is the highest level of education you have completed?

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
High school or less	177	160	81	36	52	96	18	63	38	40	99	112	46	15
	35%	34%	45%	32%	29%	44%	32%	28%	45%	34%	33%	32%	42%	50%
Some college	86	76	26	21	30	32	13	41	18	19	49	56	20	9
	17%	16%	15%	18%	17%	15%	24%	18%	22%	16%	16%	16%	19%	30%
Associate' s degree	33	30	13	10	9	17	3	13	7	9	17	22	10	-
	7%	6%	7%	9%	5%	8%	6%	6%	9%	8%	6%	6%	10%	
Bachelor' s degree	121	120	38	28	48	48	11	63	16	31	74	94	20	6
	24%	26%	21%	24%	27%	22%	20%	27%	19%	27%	25%	27%	18%	19%
Graduate degree	74	73	14	20	38	16	10	48	3	16	55	62	10	0
	15%	16%	8%	18%	21%	7%	17%	21%	4%	13%	18%	18%	9%	1%
Don't know/Refused [DNR]Prefer not to say	9	9	7	1	1	7	1	1	2	2	5	5	3	-
	2%	2%	4%	*%	1%	3%	1%	*%	2%	2%	2%	1%	3%	

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QEducation] What is the highest level of education you have completed?

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
High school or less	177	102	75	17	11	24	58	67	151	14	2	177	-	151	-
	35%	43%	29%	33%	16%	34%	41%	39%	37%	29%	10%	60%	-	63%	-
Some college	86	32	54	15	12	7	27	25	63	15	4	86	-	63	-
	17%	14%	20%	29%	19%	10%	19%	15%	15%	31%	22%	29%	-	26%	-
Associate' s degree	33	17	16	1	6	5	8	14	25	2	5	33	-	25	-
	7%	7%	6%	2%	9%	7%	6%	8%	6%	5%	25%	11%	-	11%	-
Bachelor' s degree	121	61	61	14	18	24	29	35	109	5	5	-	121	-	109
	24%	26%	23%	28%	28%	35%	20%	21%	27%	11%	24%	-	62%	-	65%
Graduate degree	74	23	51	4	19	7	18	26	59	10	2	-	74	-	59
	15%	10%	20%	8%	28%	10%	13%	15%	14%	22%	8%	-	38%	-	35%
Don't know/Refused [DNR]Prefer not to say	9	3	6	-	-	3	3	3	5	1	2	-	-	-	-
	2%	1%	2%	-	-	4%	2%	2%	1%	2%	11%	-	-	-	-

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QEducation] What is the highest level of education you have completed?

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
High school or less	177	54	121	101	60	31	13	68	31	22	12
	35%	26%	43%	44%	25%	40%	45%	33%	29%	40%	49%
Some college	86	36	46	37	39	16	-	38	21	7	4
	17%	17%	16%	16%	16%	20%		18%	19%	13%	16%
Associate' s degree	33	10	23	19	10	6	1	10	6	8	2
	7%	5%	8%	8%	4%	8%	3%	5%	6%	15%	6%
Bachelor' s degree	121	59	61	50	69	11	8	56	29	11	5
	24%	28%	22%	22%	29%	15%	30%	27%	27%	20%	18%
Graduate degree	74	50	23	15	56	12	2	33	19	5	3
	15%	24%	8%	6%	24%	15%	8%	16%	18%	9%	10%
Don't know/Refused [DNR]Prefer not to say	9	2	7	7	1	1	4	1	2	1	-
	2%	1%	3%	3%	*%	1%	13%	*%	2%	2%	

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QEducation] What is the highest level of education you have completed?

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
High school or less	177	94	63	19	86	67	24	102	61	14
	35%	44%	28%	36%	45%	27%	40%	43%	28%	34%
Some college	86	31	41	14	34	44	8	38	45	3
	17%	14%	18%	26%	18%	18%	13%	16%	20%	8%
Associate' s degree	33	20	9	4	21	11	1	22	10	2
	7%	9%	4%	8%	11%	4%	1%	9%	4%	5%
Bachelor' s degree	121	51	61	9	38	66	17	52	56	13
	24%	24%	27%	17%	20%	26%	29%	22%	25%	33%
Graduate degree	74	13	53	8	8	60	6	17	50	7
	15%	6%	23%	14%	4%	24%	10%	7%	22%	18%
Don't know/Refused [DNR]Prefer not to say	9	7	2	-	4	1	4	7	1	1
	2%	3%	1%		2%	*%	7%	3%	*%	3%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QDMA] DMA PRE-CODE

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
BUFFALO DMA (EST.)	1	1	0	-	1	0	-	1	-	-	1	1	-	-
	*%	*%	*%		*%	*%		*%			*%	*%		
ELMIRA DMA (EST.)	1	-	-	-	-	-	-	1	-	1	-	1	-	-
	*%							*%		1%		*%		
ERIE DMA (EST.)	14	13	8	2	3	8	1	5	-	4	10	12	2	-
	3%	3%	4%	2%	2%	4%	1%	2%		4%	3%	3%	2%	
HLLY DMA (EST.)	78	75	37	16	23	44	6	28	15	22	41	51	21	4
	16%	16%	21%	13%	13%	20%	12%	12%	18%	19%	14%	15%	19%	14%
JOHNSTWN/ALTOONA DMA (EST.)	28	27	12	5	8	13	5	9	2	10	16	16	11	1
	6%	6%	7%	4%	5%	6%	10%	4%	3%	8%	5%	5%	10%	4%
NEW YORK DMA (EST.)	2	2	1	1	-	1	-	1	-	-	2	2	-	-
	*%	*%	1%	1%		1%		*%			1%	1%		
PHILADELPHIA DMA (EST.)	206	193	54	52	85	69	27	110	37	49	120	149	38	13
	41%	41%	30%	46%	48%	32%	50%	48%	43%	42%	40%	42%	35%	41%
PITTSBURGH DMA (EST.)	109	102	43	26	35	53	9	47	19	20	70	78	22	9
	22%	22%	24%	23%	20%	24%	16%	21%	23%	17%	23%	22%	20%	28%
WASHINGTON DC DMA (EST.)	2	2	1	1	-	2	-	-	-	1	1	2	-	-
	*%	*%	1%	1%		1%				1%	*%	1%		
WILKES BARR/SCRN DMA (EST.)	54	51	20	11	19	24	6	24	10	10	34	35	15	3
	11%	11%	11%	9%	11%	11%	11%	11%	12%	9%	11%	10%	14%	10%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QDMA] DMA PRE-CODE

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
YOUNGSTOWN DMA (EST.)	5	4	2	1	2	2	-	3	1	-	4	4	-	1
	1%	1%	1%	1%	1%	1%		1%	1%		1%	1%		3%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QDMA] DMA PRE-CODE

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
BUFFALO DMA (EST.)	1	0	1	-	-	-	0	1	1	-	-	1	-	1	-
	*%	*%	*%				*%	1%	*%			*%		*%	
ELMIRA DMA (EST.)	1	-	1	-	1	-	-	-	1	-	-	1	-	1	-
	*%		*%		2%				*%			*%		*%	
ERIE DMA (EST.)	14	4	9	1	2	1	2	8	12	1	-	9	5	8	4
	3%	2%	4%	2%	4%	1%	2%	4%	3%	3%		3%	2%	3%	3%
HLLY DMA (EST.)	78	35	42	5	13	11	26	23	64	8	3	53	24	45	20
	16%	15%	16%	9%	20%	15%	18%	14%	16%	18%	16%	18%	12%	19%	12%
JOHNSTWN/ALTOONA DMA (EST.)	28	17	11	4	5	3	10	6	24	1	2	13	11	12	10
	6%	7%	4%	8%	7%	4%	7%	3%	6%	1%	11%	5%	5%	5%	6%
NEW YORK DMA (EST.)	2	1	1	-	-	1	1	-	1	-	1	2	-	1	-
	*%	1%	*%			2%	*%		*%		5%	1%		1%	
PHILADELPHIA DMA (EST.)	206	98	108	25	25	34	55	67	158	24	10	116	89	81	76
	41%	41%	41%	51%	37%	48%	39%	39%	38%	51%	51%	39%	46%	34%	45%
PITTSBURGH DMA (EST.)	109	51	58	11	15	10	35	38	93	12	0	58	48	50	42
	22%	22%	22%	22%	23%	14%	24%	22%	23%	25%	2%	20%	25%	21%	25%
WASHINGTON DC DMA (EST.)	2	1	1	-	-	1	-	1	2	-	-	2	-	2	-
	*%	*%	*%			1%		1%	*%			1%		1%	
WILKES BARR/SCRN DMA (EST.)	54	27	27	4	3	10	12	25	50	1	3	37	16	36	13
	11%	12%	10%	9%	5%	14%	8%	15%	12%	2%	15%	13%	8%	15%	8%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QDMA] DMA PRE-CODE

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
YOUNGSTOWN DMA (EST.)	5	2	3	-	1	-	2	2	5	-	-	3	2	3	2
	1%	1%	1%		2%		1%	1%	1%			1%	1%	1%	1%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QDMA] DMA PRE-CODE

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
BUFFALO DMA (EST.)	1	1	0	0	1	-	-	-	-	-	1
	*%	*%	*%	*%	*%						5%
ELMIRA DMA (EST.)	1	1	-	-	-	-	-	-	-	-	1
	*%	1%									4%
ERIE DMA (EST.)	14	5	9	7	7	-	-	-	-	-	14
	3%	2%	3%	3%	3%						55%
HLLY DMA (EST.)	78	28	50	46	30	78	-	-	-	-	-
	16%	13%	18%	20%	13%	100%					
JOHNSTWN/ALTOONA DMA (EST.)	28	10	17	15	12	-	28	-	-	-	-
	6%	5%	6%	6%	5%		100%				
NEW YORK DMA (EST.)	2	-	2	1	1	-	-	-	-	-	2
	*%		1%	1%	*%						9%
PHILADELPHIA DMA (EST.)	206	102	99	73	117	-	-	206	-	-	-
	41%	48%	35%	32%	50%			100%			
PITTSBURGH DMA (EST.)	109	41	66	52	46	-	-	-	109	-	-
	22%	20%	23%	23%	19%				100%		
WASHINGTON DC DMA (EST.)	2	-	2	2	-	-	-	-	-	-	2
	*%		1%	1%							8%
WILKES BARR/SCRN DMA (EST.)	54	18	36	32	19	-	-	-	-	54	-
	11%	8%	13%	14%	8%					100%	

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QDMA] DMA PRE-CODE

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
YOUNGSTOWN DMA (EST.)	5 1%	4 2%	1 *%	1 *%	3 1%	-	-	-	-	-	5 20%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QDMA] DMA PRE-CODE

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
BUFFALO DMA (EST.)	1	0	1	-	0	1	-	0	1	-
	*%	*%	*%		*%	*%		*%	*%	
ELMIRA DMA (EST.)	1	-	1	-	-	1	-	-	1	-
	*%		*%			*%			*%	
ERIE DMA (EST.)	14	3	7	4	5	8	1	6	7	1
	3%	2%	3%	7%	3%	3%	2%	3%	3%	2%
HLLY DMA (EST.)	78	42	30	6	39	36	3	46	28	4
	16%	19%	13%	11%	20%	14%	5%	19%	13%	10%
JOHNSTWN/ALTOONA DMA (EST.)	28	15	10	3	12	10	5	15	10	3
	6%	7%	5%	5%	6%	4%	9%	6%	5%	7%
NEW YORK DMA (EST.)	2	2	-	-	1	-	1	2	-	-
	*%	1%			1%		1%	1%		
PHILADELPHIA DMA (EST.)	206	70	109	27	61	115	30	78	105	23
	41%	33%	47%	49%	32%	46%	51%	33%	47%	58%
PITTSBURGH DMA (EST.)	109	48	50	11	41	57	11	54	49	6
	22%	22%	22%	21%	21%	23%	18%	23%	22%	15%
WASHINGTON DC DMA (EST.)	2	2	-	-	2	-	-	2	-	-
	*%	1%			1%			1%		
WILKES BARR/SCRN DMA (EST.)	54	33	18	3	29	18	7	33	18	3
	11%	15%	8%	6%	15%	7%	12%	14%	8%	8%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QDMA] DMA PRE-CODE

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
YOUNGSTOWN DMA (EST.)	5	1	4	-	1	3	1	1	4	-
	1%	*%	2%		*%	1%	2%	*%	2%	

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[Turnout] 2022 TURNOUT BUCKET PRE-CODE

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
0-0.5	84	65	30	21	26	41	11	32	84	-	-	1	46	31
	17%	14%	17%	18%	15%	19%	20%	14%	100%			*%	42%	100%
0.51-0.75	118	111	34	33	41	44	17	56	-	118	-	61	53	-
	24%	24%	19%	29%	23%	20%	31%	25%		100%		18%	49%	
0.76-1	298	293	115	61	110	131	27	140	-	-	298	288	10	-
	60%	62%	64%	53%	62%	61%	49%	61%			100%	82%	9%	

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[Turnout] 2022 TURNOUT BUCKET PRE-CODE

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
0-0.5	84	43	41	24	17	13	17	13	66	9	7	63	19	51	15
	17%	18%	16%	47%	26%	18%	12%	8%	16%	20%	33%	21%	10%	21%	9%
0.51-0.75	118	60	58	19	21	23	33	21	91	13	6	68	47	54	37
	24%	25%	22%	38%	32%	33%	23%	12%	22%	28%	31%	23%	24%	22%	22%
0.76-1	298	134	164	7	28	35	93	135	255	24	7	164	129	135	116
	60%	57%	62%	15%	42%	50%	65%	80%	62%	52%	36%	56%	66%	56%	69%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[Turnout] 2022 TURNOUT BUCKET PRE-CODE

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
0-0.5	84	23	58	39	27	15	2	37	19	10	1
	17%	11%	21%	17%	11%	19%	9%	18%	17%	19%	4%
0.51-0.75	118	50	66	55	58	22	10	49	20	10	6
	24%	24%	23%	24%	25%	29%	35%	24%	19%	19%	25%
0.76-1	298	136	158	135	150	41	16	120	70	34	18
	60%	65%	56%	59%	64%	52%	56%	58%	64%	62%	71%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[Turnout] 2022 TURNOUT BUCKET PRE-CODE

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
0-0.5	84	39	31	14	37	33	15	44	31	10
	17%	18%	14%	26%	19%	13%	25%	18%	14%	25%
0.51-0.75	118	44	53	20	40	57	20	54	51	12
	24%	20%	23%	37%	21%	23%	35%	23%	23%	30%
0.76-1	298	133	145	20	115	159	24	140	140	18
	60%	62%	63%	37%	60%	64%	41%	59%	63%	45%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QPartyReg] VOTER FILE PARTY REGISTRATION PRE-CODE

	Total	Likely to Vote	Party			Party+Lean			2022 Turnout Score			Vote History		
	Total	Definitely /Probably	GOP	IND	DEM	GOP+Lean	Pure IND	DEM+Lean	0-50	51-75	76-100	Voted 2020 and 2018	Voted 2020 not 2018	Didn't vote 2020 and 2018
Total	500	469	179	115	177	217	55	229	84	118	298	351	109	31
	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Dem Non-Primary	52	43	6	11	30	7	7	38	29	21	2	15	29	8
	10%	9%	3%	10%	17%	3%	13%	17%	35%	18%	1%	4%	26%	27%
Dem Primary	182	178	19	38	122	24	11	147	8	22	152	157	20	4
	36%	38%	11%	33%	69%	11%	19%	64%	10%	19%	51%	45%	19%	13%
GOP Non-Primary	58	52	36	14	6	43	10	6	25	26	7	21	25	10
	12%	11%	20%	13%	3%	20%	18%	2%	30%	22%	2%	6%	23%	31%
GOP Primary	153	149	108	24	10	122	16	14	4	18	130	131	20	1
	31%	32%	61%	20%	6%	56%	30%	6%	5%	16%	44%	37%	19%	2%
Unknown	55	48	10	28	10	21	11	23	17	30	7	26	15	8
	11%	10%	6%	24%	6%	10%	20%	10%	21%	26%	2%	7%	14%	27%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QPartyReg] VOTER FILE PARTY REGISTRATION PRE-CODE

	Total	Gender		Age					Race			Education		Race x Education	
	Total	Men	Women	18-29	30-39	40-49	50-64	65+	White	Black	Hispanic	Non-college	College	White non-college	White college
Total	500	237	263	50	66	70	143	170	412	47	20	296	195	239	168
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Dem Non-Primary	52	24	28	14	7	10	17	4	37	9	5	33	19	21	15
	10%	10%	11%	28%	10%	14%	12%	3%	9%	20%	25%	11%	10%	9%	9%
Dem Primary	182	73	109	8	22	24	47	80	149	20	4	87	95	66	83
	36%	31%	42%	16%	34%	34%	33%	47%	36%	43%	20%	29%	49%	28%	49%
GOP Non-Primary	58	35	23	12	10	10	12	15	53	2	1	48	11	42	10
	12%	15%	9%	24%	15%	14%	9%	9%	13%	4%	6%	16%	6%	18%	6%
GOP Primary	153	79	73	8	16	20	51	58	133	8	4	96	52	82	47
	31%	33%	28%	17%	24%	28%	36%	34%	32%	17%	20%	32%	27%	34%	28%
Unknown	55	26	29	8	12	7	16	13	40	8	6	33	18	28	12
	11%	11%	11%	15%	18%	10%	11%	7%	10%	16%	29%	11%	9%	12%	7%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QPartyReg] VOTER FILE PARTY REGISTRATION PRE-CODE

	Total	Biden Approval		2020 Vote		Media Market					
	Total	Approve	Disapprove	Donald Trump	Joe Biden	Harrisburg/ Lancaster/ York	Johnstown/ Altoona	Philadelphia	Pittsburgh	Wilkes- Barre/ Scranton	Other
Total	500	210	282	229	235	78	28	206	109	54	25
	100	100	100	100	100	100	100	100	100	100	100
Dem Non-Primary	52	34	15	7	39	7	3	27	11	3	1
	10%	16%	5%	3%	17%	9%	12%	13%	10%	6%	4%
Dem Primary	182	133	44	28	148	19	5	90	41	17	10
	36%	64%	16%	12%	63%	25%	17%	44%	37%	31%	42%
GOP Non-Primary	58	4	54	50	3	18	3	18	7	10	2
	12%	2%	19%	22%	1%	23%	11%	9%	6%	18%	9%
GOP Primary	153	21	131	120	25	26	14	44	40	20	9
	31%	10%	47%	52%	11%	33%	49%	21%	37%	37%	35%
Unknown	55	17	37	25	21	8	3	27	10	4	2
	11%	8%	13%	11%	9%	10%	10%	13%	10%	7%	10%

Echelon Insights
 Pennsylvania Registered Voter Survey
 N=500, Registered Voters in Pennsylvania, October 18-20, 2022, Margin of Error=4.8 Percentage Points

[QPartyReg] VOTER FILE PARTY REGISTRATION PRE-CODE

	Total	Senate			Gov			Generic		
	Total	Oz	Fetterman	Other/ Refused	Mastriano	Shapiro	Other/ Refused	GOP	Dem	Other/ Refused
Total	500	216	230	54	192	249	59	238	222	40
	100	100	100	100	100	100	100	100	100	100
Dem Non-Primary	52	5	40	7	6	38	8	5	41	6
	10%	2%	17%	13%	3%	15%	14%	2%	19%	14%
Dem Primary	182	28	140	13	18	148	15	27	139	16
	36%	13%	61%	25%	10%	60%	26%	11%	63%	39%
GOP Non-Primary	58	44	7	8	45	7	6	52	5	2
	12%	20%	3%	14%	23%	3%	10%	22%	2%	5%
GOP Primary	153	114	21	17	103	31	18	123	19	10
	31%	53%	9%	32%	54%	12%	31%	52%	9%	26%
Unknown	55	25	21	9	19	24	11	31	18	6
	11%	12%	9%	16%	10%	10%	19%	13%	8%	16%