

# Quinnipiac, PA, 10/3-10/7

## Poll bias score 64 towards Dems, bias, will adjust

### POLL BIAS CALCULATOR

	Party ID	Gender	Education	Region	Racial Demo	Age Demo
<b>Bias Multiplier (Level of Bias Significance)</b>	10	6	6	3	5	5
<b>Bias by Category</b>	30	-12	-24	0	10	60
<b>OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)</b>	<b>64</b>		<b>MILD BIAS (0-50)</b>		<b>DEFINITE BIAS, EXCESSIVE (50-100)</b>	
	SCALE>>>		<b>SEVERE BIAS (100+)</b>			

Understanding the Overall Poll Bias Score – A perfect bias score as compared to the 2020 exit polls equals a 0 value. A positive score equals a Democratic bias. A negative score equals a Republican bias. The higher the value of the number, the worse the bias. I will adjust polls with this score in mind. Usually the adjustment is straightforward in that I can apply the proper party ID, gender ID, education ID to the party votes provided in the cross tabs. Sometimes pollsters hide the party ID, gender ID or education ID, but I have methods of inferring those. The calculators for inferring these party ID values can be found below. Regional bias usually can't be inferred, although if they provide how each region votes they can.

	Dem 2020 Exit Poll	GOP 2020 Exit Poll	Dem 2024 Poll	GOP 2024 Poll (Enter as a negative number)	Ind
Party ID Values	40	41	36	34	9
Party ID Difference	-4	-7			
<b>Party ID Bias Score (+ is Dem, - is GOP bias)</b>	<b>3</b>				

	Female 2020 Exit Poll	Male 2020 Exit Poll	Female 2024 Poll	Male 2024 Poll
Gender ID Values	53	47	52	48

Gender ID Bias -1 1

Final Gender ID Bias (+ is Dem, - is GOP bias) **-2**

	College Degree or + 2020 Exit Poll	No College Degree or + 2020 Exit Poll	College Degree or + 2024 Exit Poll	No College Degree or + 2024 Exit Poll (Enter as a negative number)
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Education Values	40	60	38	62
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Education Bias -2 2

Education Bias Final Score (+ is Dem, - is GOP bias) **-4**

	Northeast 2020 Exit Poll	South 2020 Exit Poll	Midwest 2020 Exit Poll	West 2020 Exit Poll	North-east 2024 Poll	South 2024 Poll
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Regional Values (national polls only)						
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Regional Bias (National Polls Only) 0 0 0 0 0

Regional Bias Score (+ is Dem, - is GOP bias) **0**

	White 2020 Exit Poll	Black 2020 Exit Poll	Asian 2020 Exit Poll	Latino 2020 Exit Poll	White 2024 Exit Poll	Black 2024 Exit Poll
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Racial ID percentage	81	11	0	0	80	12
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Racial Polling Sample Bias -1 1 0 0

Racial Bias  
Score (+ is  
GOP, - is Dem  
bias) **2**

	18-34 Exit Poll	35-49 Exit Poll	50-64 Exit Poll	65+ Exit Poll	18-34 2024 poll	35-49 2024 poll
>>>>>>>>>						
Age ID	21	21	31	28	0	18 18
Age Bias	-3	-3	9	-3		
Age Bias Score	<b>12</b>					

	18-29 Exit Poll	30-49	50-59	60	18-29 Exit Poll	30-49
Age ID	13	29	21	38	0	13 29
Age Bias	0	0	0	0		
Age Bias Score	<b>0</b>					

	18-35 Exit Poll	36-44 Exit Poll	45+ Exit Poll	n/a	18-35 2024	36-44 2024
Age ID	0	0	0	0	0	0 0
Age Bias	0	0	0	0		
Age Bias Score	<b>0</b>					

	18-35 Exit Poll	36-44 Exit Poll	45+ Exit Poll	n/a	18-35 2024	36-44 2024
Age ID	0	0	0	0	0	0 0
Age Bias	0	0	0	0		
Age Bias Score	<b>0</b>					

	18-45 Exit Poll	45-64 Exit Poll	65+ Exit Poll	n/a	18-45	45-64
Age ID	0	0	0	0	0	0 0
Age Bias	0	0	0	0		
Age Bias Score	<b>0</b>					

	18-34 Exit Poll	35-49 Exit Poll	50-64 Exit Poll	65+ Exit Poll	18-34 2024 poll	35-49 2024 poll
Age ID	0	0	0	0	0	0
Age Bias	0	0	0	0		
Age Bias Score	<b>0</b>					

	18-29 Exit Poll	30-39 Exit Poll	40-49 Exit Poll	50-64 Exit Poll	65+ Exit Poll	18-29 Exit Poll	30-39 Exit Poll
Age ID	13	16	15	29	27	13	14
Age Bias	0	-2	0	9	-6		
Age Bias Score	<b>0</b> n/a						

	18-29	30-49	50-65	65+ Exit Poll	18-29	30-49
Age ID	0	0	0	0	0	0
Age Bias	0	0	0	0		
Age Bias Score	<b>0</b>					

	18-29 Exit Poll	30-44 Exit Poll	45-54	55-64	65+ Exit Poll	18-29 Exit Poll	30-44 Exit Poll
Age ID	0	0	0	0	0	0	0
Age Bias	0	0	0	0	0	0	
Age Bias Score	<b>0</b>						

## PARTY ID CALCULATOR

Inferred (Most Likely) Party ID Assumed by Pollster	Dem	Ind	GOP
	<b>40</b>	<b>19</b>	<b>41</b>

	% Dem for Harris	% Dem for Trump	% Ind for Harris	% Ind for Trump	% GOP for Trump	% GOP for Harris
Party Vote:	0.94	0.04	0.43	0.47 -	0.9	0.09
Points earned	37.6	1.6	8.17	8.93	36.9	3.69

	Dem	Ind	GOP
Assumed Party ID (Experiment until result matches poll result)			
		40	19
			41

	Harris	Trump
<b>Vote Totals</b>	<b>49.46</b>	<b>47.43</b>

## GENDER ID CALCULATOR

Gender ID based on Gender Vote	Women	Men
	<b>53</b>	<b>47</b>

	% Women for Harris	% Women for Trump	% Men for Harris	% Men for Trump
Gender Vote	0.55	0.4	0.41	0.52
Points earned	29.15	21.2	19.27	24.44

This poll did not pr ratios for men and took the average o in Pennsylvania an this poll. This is be ignoring such a gla transparency.

	Women	Men
Assumed Gender ID (Experiment until result matches poll result)		
	53	47

	Harris	Trump
<b>Vote Totals</b>	<b>48.42</b>	<b>45.64</b>

## QUINNIPIAC EDUCATION ID CALCULATOR TO DETERMINE ADJUSTED POLL RESULT WHEN NON-WHITE EDUCATION ID IS LEFT OUT

Education ID based on education Vote	College Degree or +Degree	No College Degree					<i>Inferred</i>	<i>Inferred</i>	<i>Inferred</i>
	% White College or + for Harris	% White College or + for Trump	% White No Degree for Harris	% White No Degree for Trump	% Non-white College or + for Harris	% Non-White College or + for Trump	% Non-White No Degree for Harris		
Education Vote	0.62	0.34	0.34	0.63	0.78	0.08	0.78		
Points earned	19.0836	10.4652	17.0748	31.6386	1.716	0.176	6.864		

Assumed Education ID (Experiment until result matches poll result)	White College Degree or +	White No College Degree	Non-White College Degree or +	Non-White No Degree	White vote	black vote
		30.78	50.22	2.2	8.8	81

	Harris	Trump
<b>Vote Totals</b>	<b>44.7384</b>	<b>42.9838</b>

## EDUCATION ID CALCULATOR

Education ID based on education Vote	College Degree or +Degree	No College Degree

Sheet1

	% College or + for Harris	% College or + for Trump	% No Degree for Harris	% No Degree for Trump	
Education Vote	0	0	0	0	0
Points earned	0	0	0	0	

	College Degree or +	No College Degree
Assumed Gender ID (Experiment until result matches poll result)	40	60

This poll did not pr ratios for degree h degree holders, so average of the othe Pennsylvania and i poll. This is better such a glaring lack transparency.

	Harris	Trump
<b>Vote Totals</b>	<b>0</b>	<b>0</b>

## RACIAL DEMOS CALCULATOR

Racial ID based on Racial Vote	White	Black	Latino	Asian
	<b>81</b>	<b>11</b>	<b>0</b>	<b>0</b>

Racial Vote	% White for Harris	% White for Trump	% Black for Harris	% Black for Trump	% Latino for Harris	% Latino for Trump
	0.44	0.52	0.78	0.08	0.514	0.395
Points earned	35.64	42.12	8.58	0.88	0	0

Assumed Racial ID	White	Black	Latino	Asian
	81	11	0	0

	Harris	Trump
<b>Vote Totals</b>	<b>44.22</b>	<b>43</b>

## AGE ID CALCULATOR, 18-29/30-44/45-64/65+

18-29      30-44      45-64      65 and over

Age ID	<b>13      23      37      28</b>					
	% 18-29 for Harris	% 18-29 for Trump	% 30-44 for Harris	% 30-44 for Trump	% 45-64 for Harris	% 45-64 for Trump
Age Vote	0.453	0.547	0.612	0.363	0.428	0.55
Points earned	5.889	7.111	14.076	8.349	15.836	20.35

	18-29	30-44	45-64	65 and over	Must = 100
Assumed Age ID (Experiment until result matches poll result)	13	23	37	28	101

	<b>Harris</b>	<b>Trump</b>
<b>Vote Totals</b>	<b>0</b>	<b>0</b>

## AGE ID CALCULATOR – 18-34/35-49/50-64/65+

	18-29	30-44	45-64	65 and over		
Age ID	<b>20      20      34      27</b>					
	% 18-34 for Harris	% 18-34 for Trump	% 35-49 for Harris	% 35-49 for Trump	% 50-64 for Harris	% 50-64 for Trump
Age Vote	0.54	0.38	0.48	0.4	0.43	0.56
Points earned	10.8	7.6	9.6	8	14.62	19.04

	18-29	30-44	45-64	65 and over	Must = 100
Assumed Age ID (Experiment until result matches poll result)	20	20	34	27	101

	<b>Harris</b>	<b>Trump</b>
<b>Vote Totals</b>	<b>49.87</b>	<b>46.25</b>





**Bias Multiplier (Level of Bias Significance) Bias by Category**

10 6 6 3 5 5  
0 0 0 0 5 20

<b>OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)</b>	25	SCALE>>>		DEFINITE BIAS, EXCESSIVE (50-100)	SEVERE BIAS (100+)
		MILD BIAS (0-50)			

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	Dem 2020 Exit Poll	GOP 2020 Exit Poll	Dem 2024 Poll	GOP 2024 Poll (Enter as a negative number)	Ind
Party ID Values	40	41	40	41	9
Party ID Difference	0	0			
<b>Party ID Bias Score (+ is Dem, - is GOP bias)</b>	<b>0</b>				

	Female 2020 Exit Poll	Male 2020 Exit Poll	Female 2024 Poll	Male 2024 Poll
Gender ID Values	53	47	53	47
Gender ID Bias	0	0		
<b>Final Gender ID Bias (+ is Dem, - is GOP bias)</b>	<b>0</b>			

Sheet1

	College Degree or + 2020 Exit Poll	No College Degree or + 2020 Exit Poll	College Degree or + 2024 Exit Poll	No College Degree or + 2024 Exit Poll		
Education Values	40	60	40	60		
Education Bias	0	0				
Education Bias Final Score (+ is Dem, - is GOP bias)	<b>0</b>					
	Northeast 2020 Exit Poll	South 2020 Exit Poll	Midwest 2020 Exit Poll	West 2020 Exit Poll	North-east 2024 Poll	South 2024 Poll
Regional Values (national polls only)						
Regional Bias (National Polls Only)	0	0	0	0		
Regional Bias Score (+ is Dem, - is GOP bias)	<b>0</b>					
	White 2020 Exit Poll	Black 2020 Exit Poll	Asian 2020 Exit Poll	Latino 2020 Exit Poll	White 2024 Exit Poll	Black 2024 Exit Poll
Racial ID percentage	81	11	0	0	80	11
Racial Polling Sample Bias	-1	0	0	0		
Racial Bias Score (+ is GOP, - is Dem bias)	<b>1</b>					
	18-34 Exit Poll	35-49 Exit Poll	50-64 Exit Poll	65+ Exit Poll	18-34 2024 poll	35-49 2024 poll
Age ID	21	21	31	28	0	20
Age Bias	-1	-1	3	-1		

Age Bias  
Score **4**



Midwest West  
2024 2024  
Poll Poll



Asian Latino  
2024 2024  
Exit Poll Exit  
Poll Poll

0 0

Sheet1

50-64	65+
2024	2024
poll	poll
40	25

50-59	60
21	38

45+	n/a
2024	
0	0

45+	n/a
2024	
0	0

65	n/a
0	0

50-64	65+
2024	2024
poll	poll
0	0

	50-64	
40-49	Exit	
Exit Poll	Poll	65+ Exit Poll
15	38	21

	65+
	Exit
50-65	Poll
0	0

45-54	55-64	65+ Exit Poll
0	0	0





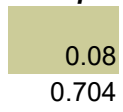


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**Inferred**

**% Non-White  
No  
Degree  
for  
Trump**



Non college share      college degree share

0.62      0.38



Provide the vote  
holders and non-  
I took the  
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of



	%
% Asian for Harris	Asian for Trump
0.392	0.608
0	0



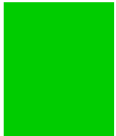
% 65+ for Harris	% 65+ for Trump
0.472	0.527
13.216	14.756



% 65+ for Harris	% 65+ for Trump
0.55	0.43
14.85	11.61



% 65+ for Harris	% 65+ for Trump
0.53	0.42
14.84	11.76



Midwest 2024 Poll	West 2024 Poll
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Asian 2024 Exit Poll	Latino 2024 Exit Poll
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50-64 2024 poll	65+ 2024 poll
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