

# Quinnipiac, Michigan, 9/12-9/15

## Poll Bias score 310 to Dems, Severe Bias, Will adjust multiple categories

### POLL BIAS CALCULATOR

	Party ID	Gender	Education	Region	Racial Demo	Age Demo
Bias Multiplier (Level of Bias Significance)	10	6	6	6	3	5
Bias by Category	20	102	48	0	140	0
<b>OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)</b>	<b>310</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)
Party ID Values	38	38	30	28
Party ID Difference	-8	-10		
<b>Party ID Bias Score (+ is Dem, - is GOP bias)</b>	<b>2</b>			

	Female 2020 Exit Poll	Male 2020 Exit Poll	Female 2024 Poll	Male 2024 Poll
Gender ID Values	54	46	62	37
Gender ID Bias	8	-9		

Final Gender ID Bias (+ is Dem, - is GOP bias) **17**

	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)
Education Values	36	64	40	60

Education Bias 4 -4

Education Bias Final Score (+ is Dem, - is GOP bias) **8**

	Northeast 2020 Exit Poll	South 2020 Exit Poll	Midwest 2020 Exit Poll	West 2020 Exit Poll	North-east 2024 Poll	South 2024 Poll	Midwest 2024 Poll	West 2024 Poll
Regional Values (national polls only)								
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	Other 2020 Exit Poll	Latino 2020 Exit Poll	White 2024 Exit Poll	Black 2024 Exit Poll	Other 2024 Exit Poll	Latino 2024 Exit Poll
Racial ID percentage	81	19	0	0	67	33	0	0
Racial Polling Sample Bias	-14	14	0	0				

Racial Bias Score (+ is GOP, - is Dem bias) **28**

	18-29 Exit Poll	30-44 Exit Poll	45-64 Exit Poll	65+ Exit Poll	18-29 2024 Poll	30-44 2024 Poll	45-64 2024 Poll	65+ Poll
Age ID	0	0	0	0	0	0	0	0
Age Bias	0	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	45+ 2024	n/a
Age ID	0	0	0	0	0	0	0	0
Age Bias	0	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	45+ 2024	n/a
Age ID	0	0	0	0	0	0	0	0
Age Bias	0	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	50-64 2024 poll	65+ 2024 poll
Age ID	18	21	32	29	17	21	33	28
Age Bias	-1	0	1	0				
Age Bias Score	<b>0</b>							

## PARTY ID CALCULATOR

Inferred (Most Likely) Party ID Assumed by Pollster	Dem	Ind	GOP
	<b>0</b>	<b>0</b>	<b>0</b>

	% Dem for Harris	% Dem for Trump	% Ind for Harris	% Ind for Trump	% GOP for Trump	% GOP for Harris
Party Vote:	0.899	0.085	0.449	0.534	0.886	0.103
Points earned	0	0	0	0	0	0

	Dem	Ind	GOP
Assumed Party ID (Experiment until result matches poll result)			
		0	0
			0
Vote Totals	Harris	Trump	
		0	0

## GENDER ID CALCULATOR

Gender ID based on Gender Vote	Women	Men		
	62	37		
Gender Vote	% Women for Harris	% Women for Trump	% Men for Harris	% Men for Trump
	0.59	0.39	0.39	0.59
Points earned	36.58	24.18	14.43	21.83
Assumed Gender ID (Experiment until result matches poll result)	Women	Men		
	62	37		
Vote Totals	Harris	Trump		
	51.01	46.01		

## EDUCATION ID CALCULATOR

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

	% College or + for Harris	% College or + for Trump	% No Degree for Harris	% No Degree for Trump
Education Vote	0.65	0.32	0.41	0.56
Points earned	26	12.8	24.6	33.6

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

	Harris	Trump
Vote Totals	50.6	46.4

## RACIAL DEMOS CALCULATOR

Racial ID based on Racial Vote	White	Black	Latino	Asian
	<b>67</b>	<b>33</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	% Asian for Harris	% Asian for Trump
Points earned	0.48	0.49	0.57	0.4	0	0	0	0
	32.16	32.83	18.81	13.2	0	0	0	0

Assumed Racial ID	White	Black	Latino	Asian
	67	33		

	Harris	Trump
Vote Totals	50.97	46.03

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

Age ID	18-29	30-44	45-64	65 and over
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</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	% 65+ for Harris	% 65+ for Trump
Age Vote	0	0	0	0	0	0	0	0
Points earned	0	0	0	0	0	0	0	0

	18-29	30-44	45-64	65 and over	Must =
Assumed Age ID (Experiment until result matches poll result)	0	0	0	0	100

	Harris	Trump
Vote Totals	0	0

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

	18-29	30-44	45-64	65 and over
Age ID	<b>17</b>	<b>21</b>	<b>33</b>	<b>28</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	% 65+ for Harris	% 65+ for Trump
Age Vote	0.58	0.4	0.48	0.48	0.5	0.47	0.52	0.46
Points earned	9.86	6.8	10.08	10.08	16.5	15.51	14.56	12.88

	18-29	30-44	45-64	65 and over	Must =
Assumed Age ID (Experiment until result matches poll result)	17	21	33	28	99

	Harris	Trump
Vote Totals	51	45.27

### Adjusted result

	Harris	Trump
	<b>49.7</b>	<b>47.6</b>

## ADJUSTING POLL BIAS CALCULATOR

Sheet1

	Party ID	Gender	Education	Region	Racial Demo	Age Demo
Bias Multiplier (Level of Bias Significance)	10	6	6	6	3	5
Bias by Category	20	0	0	0	0	0
<b>OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)</b>	<b>20</b>		<b>MILD BIAS (0-50)</b>	<b>DEFINITE BIAS, EXCESSIVE (50-100)</b>	<b>SEVERE BIAS (100+)</b>	

SCALE>>>

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)
Party ID Values	38	38	30	28
Party ID Difference	-8	-10		
<b>Party ID Bias Score (+ is Dem, - is GOP bias)</b>	<b>2</b>			

	Female 2020 Exit Poll	Male 2020 Exit Poll	Female 2024 Poll	Male 2024 Poll
Gender ID Values	54	46	54	46
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 (Enter as a negative number)
Education Values	36	64	36	64

Education Bias 0 0

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

	Northeast 2020 Exit Poll	South 2020 Exit Poll	Midwest 2020 Exit Poll	West 2020 Exit Poll	North-east 2024 Poll	South 2024 Poll	Midwest 2024 Poll	West 2024 Poll
Regional Values (national polls only)								

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	Other 2020 Exit Poll	Latino 2020 Exit Poll	White 2024 Exit Poll	Black 2024 Exit Poll	Other 2024 Exit Poll	Latino 2024 Exit Poll
Racial ID percentage	81	19	0	0	81	19	0	0

Racial Polling Sample Bias 0 0 0 0 0

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

	18-29 Exit Poll	30-44 Exit Poll	45-64 Exit Poll	65+ Exit Poll	18-29 2024 Poll	30-44 2024 Poll	45-64 2024 Poll	65+ Poll
Age ID	0	0	0	0	0	0	0	0
Age Bias	0	0	0	0	0	0	0	0



Age Bias Score **0**

	18-35 Exit Poll	36-44 Exit Poll	45+ Exit Poll	n/a	18-35 2024	36-44 2024	45+ 2024	n/a
Age ID	0	0	0	0	0	0	0	0
Age Bias	0	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	45+ 2024	n/a
Age ID	0	0	0	0	0	0	0	0
Age Bias	0	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	50-64 2024 poll	65+ 2024 poll
Age ID	18	21	32	29	17	21	33	28
Age Bias	-1	0	1	0				
Age Bias Score	<b>0</b>							

## PARTY ID CALULATOR

Inferred (Most Likely) Party ID Assumed by Pollster

Dem	Ind	GOP
<b>0</b>	<b>0</b>	<b>0</b>

	% Dem for Harris	% Dem for Trump	% Ind for Harris	% Ind for Trump	% GOP for Trump	% GOP for Harris
Party Vote:	0.899	0.085	0.449	0.534	0.886	0.103
Points earned	0	0	0	0	0	0

Assumed Party ID (Experiment until result matches poll result)

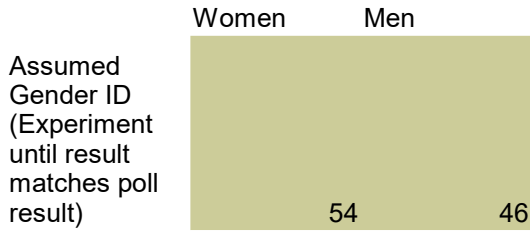
Dem	Ind	GOP
0	0	0

	Harris	Trump
Vote Totals	0	0

## GENDER ID CALCULATOR

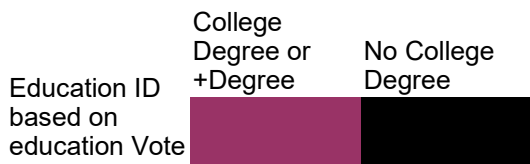


	% Women for Harris	% Women for Trump	% Men for Harris	% Men for Trump
Gender Vote	0.59	0.39	0.39	0.59
Points earned	31.86	21.06	17.94	27.14



	Harris	Trump
Vote Totals	49.8	48.2

## EDUCATION ID CALCULATOR



	% College or + for Harris	% College or + for Trump	% No Degree for Harris	% No Degree for Trump
Education Vote	0.65	0.32	0.41	0.56
Points earned	23.4	11.52	26.24	35.84

College Degree or +	No College Degree

Assumed Gender ID (Experiment until result matches poll result)

36	64
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	<b>Harris</b>	<b>Trump</b>
Vote Totals	<b>49.64</b>	<b>47.36</b>

## RACIAL DEMOS CALCULATOR

Racial ID based on Racial Vote

White	Black	Latino	Asian
<b>81</b>	<b>19</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	% Asian for Harris	% Asian for Trump
	0.48	0.49	0.57	0.4				
Points earned	38.88	39.69	10.83	7.6	0	0	0	0

Assumed Racial ID

White	Black	Latino	Asian
81	19		

	<b>Harris</b>	<b>Trump</b>
Vote Totals	<b>49.71</b>	<b>47.29</b>

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

	18-29	30-44	45-64	65 and over
Age ID	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Age Vote	% 18-29 for Harris	% 18-29 for Trump	% 30-44 for Harris	% 30-44 for Trump	% 45-64 for Harris	% 45-64 for Trump	% 65+ for Harris	% 65+ for Trump
	0	0	0	0	0	0	0	0
Points earned	0	0	0	0	0	0	0	0

18-29      30-44      45-64      65 and over      Must = 100

Assumed Age ID (Experiment until result matches poll result)	0				
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Vote Totals	Harris	Trump
	0	0

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

	18-29	30-44	45-64	65 and over
Age ID	<b>17</b>	<b>21</b>	<b>33</b>	<b>28</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	% 65+ for Harris	% 65+ for Trump
Age Vote	0.58	0.4	0.48	0.48	0.5	0.47	0.52	0.46
Points earned	9.86	6.8	10.08	10.08	16.5	15.51	14.56	12.88

	18-29	30-44	45-64	65 and over	Must = 100			
Assumed Age ID (Experiment until result matches poll result)	17				21	33	28	99

Vote Totals	Harris	Trump
	51	45.27

