Rasmussen, MI, 9/19-9/22

Poll Bias Score 107 toward Dems, severe bias due to an education ID that taints all other categories. Will adjust bias ID and apply resulting vote to my aggregate.

POLL BIAS CACLULATOR

	Party ID	Gender	Education	Region	Racial Demo	Age Demo
Bias Multiplier (Level of Bias Significance)	8	5	7	3	5	5
Bias by Cateogry	-48	-10	0	0	175	-10

| OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias) | 107 SCALE>>> | | NO SIGNIFICANT BIAS, ACCEPTABLE (0-50) | DEFINITE BIAS, EXCESSIVE (50-100) | SEVERE BIAS (100+) | |

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	32	38
Party ID Difference	-6	0		

Party ID Bias Score (+ is Dem, - is GOP bias)	**-6**

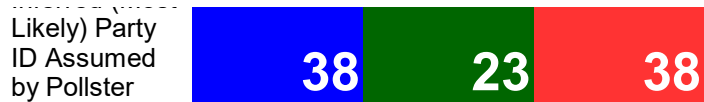|	Female 2020 Exit Poll	Male 2020 Exit Poll	Female 2024 Poll	Mail 2024 Poll
Gender ID Values	54	46	53	47
Gender ID Bias	-1	1		

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 Poll	No College Degree or + 2024 Poll
Education Values	36	64	0	0
Education Bias	-36	-64		

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

	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				

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

	White 2020 Exit Poll	Black 2020 Exit Poll	Other 2020 Exit Poll	Asian 2020 Exit Poll	White 2024 Poll	Black 2024 Poll	Other 2024 Poll	Asian 2024 Poll
Racial ID percentage	81	12	4	0	65	21	14	0
Racial Polling Sample Bias	-16	9	10	0				
Racial Bias Score (+ is Dem, - is GOP bias) **35**								

	18-29 Exit Poll	30-49	50-64	65+ Exit Poll	18-29 Exit Poll	30-49	50-64	65+ Exit Poll
Age ID	12	29	29	30	10	40	26	24
Age Bias	-2	11	-3	-6				
Age Bias Score **-10**								

FINAL ADJUSTED VOTE – RESULT AFTER CORRECTING FOR EXTREME ID BIAS.

HARRIS   TRUMP

-   -   <<<<<<<<<<<<<<<<<<<<<<<<

The calcuators below calculate the adjusted vote using inferred sample ratios

PARTY ID CALULATOR

Inferred (Most   Dem   Ind   GOP

Inferred (Most Likely) Party ID Assumed by Pollster	38	23	38

	% Dem for Harris	% Dem for Trump	% Ind for Harris	% Ind for Trump	% GOP for Trump	% GOP for Harris
Party Vote:	0.91	0.09	0.46	0.45	0.88	0.1
Points earned	34.58	3.42	10.58	10.35	33.44	3.8

	Dem	Ind	GOP
Assumed Party ID (Experiment until result matches poll result)	38	23	38

	Harris	Trump
Vote Totals	48.96	47.21

GENDER ID CALCULATOR

Gender ID based on Gender Vote	Women	Men
	54	46

	% Women for Harris	% Women for Trump	% Men for Harris	% Men for Trump
Gender Vote	0.49	0.47	0.44	0.53
Points earned	26.46	25.38	20.24	24.38

	Women	Men
Assumed Gender ID (Experiment until result matches poll result)	54	46

Harris **Trump**

Vote Totals   **46.7**   **49.76**

EDUCATION ID CALCULATOR

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

	% College or + for Harris	% College or + for Trump	% No Degree for Harris	% No Degree for Trump
Education Vote	0.581	0.413	0.423	0.542
Points earned	20.916	14.868	27.072	34.688

	College Degree or +	No College Degree	
Assumed Gender ID (Experiment until result matches poll result)	36	64	0

	Harris	**Trump**
Vote Totals	**0.0**	**0.0**

RACIAL DEMOS CALCULATOR

Racial ID based on Racial Vote	White	Black	Latino	Asian
	81	12	4	0

Racial Vote	% White for Harris	% White for Trump	% Black for Harris	% Black for Trump	other	other	% Asian for Harris	% Asian for Trump
	0.38	0.59	0.77	0.22	0.46	0.49	0	0
Points earned	30.78	47.79	9.24	2.64	1.84	1.96	0	0

Assumed Racial ID	White	Black	other
	81	12	4

	Harris	**Trump**
Vote Totals	**41.86**	**52.39**

AGE ID CALCULATOR

	18-29	30-44	45-64	65 and over
Age ID	**12**	**29**	**29**	**30**

	2020 Exit Poll % 18-29 for Harris	2020 Exit Poll % 18-29 for Trump	2020 Exit Poll 30-49	2020 Exit Poll 30-49	2024 Poll 50-64	2024 Poll 50-64	2024 Poll % 65+ for Harris	2024 Poll % 65+ for Trump
Age Vote	0.46	0.49	0.495	0.475	0.44	0.5	0.44	0.54
Points earned	5.52	5.88	14.355	13.775	12.76	14.5	13.2	16.2

	18-29	30-44	45-64	65 and over	Must = 100
Assumed Age ID (Experiment until result matches poll result)	12	29	29	30	0

	Harris	**Trump**
Vote Totals	**45.835**	**50.355**

Below are the inferred values for Ids not provided, inferred from the ID vote ratios

PARTY ID CALULATOR
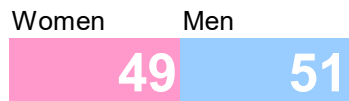
Inferred (Most Likely) Party ID Assumed by Pollster

Dem	Ind	GOP
34	30	37

	% Dem for Harris	% Dem for Trump	% Ind for Harris	% Ind for Trump	% GOP for Trump	% GOP for Harris
Party Vote:	0.9	0.05	0.45	0.47	0.91	0.05
Points earned	30.6	1.7	13.5	14.1	33.67	1.85

Assumed Party ID (Experiment until result matches poll result)

Dem	Ind	GOP
34	30	37

	Harris	Trump
Vote Totals	45.95	49.47

GENDER ID CALCULATOR

Gender ID based on Gender Vote

Women	Men
49	51

	% Women for Harris	% Women for Trump	% Men for Harris	% Men for Trump
Gender Vote	0.51	0.42	0.44	0.53
Points earned	24.99	20.58	22.44	27.03

Women	Men

Assumed Gender ID (Experiment until result matches poll result)		
	49	51

	Harris	Trump
Vote Totals	47.43	47.61

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	0.51	0.44	0.44	0.52
Points earned	22.95	19.8	24.2	28.6

Assumed Gender ID (Experiment until result matches poll result)	College Degree or +	No College Degree
	45	55

	Harris	Trump
Vote Totals	47.15	48.4

RACIAL DEMOS CALCULATOR

Racial ID based on Racial Vote	White	Black	Latino	Asian
	75	19	5	0

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
	0.38	0.58	0.76	0.19	0.76	0.19	0	0
Points earned	28.5	43.5	14.44	3.61	3.8	0.95	0	0

Assumed Racial ID	White	Black	Latino	Asian
	75	19	5	

Vote Totals	Harris	Trump
	46.74	48.06

AGE ID CALCULATOR

	18-29	30-44	45-64	65 and over
Age ID	0	24	76	0

	2020 Exit Poll % 18-29 for Harris	2020 Exit Poll % 18-29 for Trump	2020 Exit Poll % 30-44 for Harris	2020 Exit Poll % 30-44 for Trump	2024 Poll % 45-64 for Harris	2024 Poll % 45-64 for Trump	2024 Poll % 65+ for Harris	2024 Poll % 65+ for Trump
Age Vote	0		0.49	0.47	0.47	0.48	0	0
Points earned	0	0	11.76	11.28	35.72	36.48	0	0

	18-29	30-44	45-64	65 and over	Must = 100
Assumed Age ID (Experiment until result matches poll result)	0	24	76	0	0

Vote Totals	Harris	Trump
	47.48	47.76

FINAL ADJUSTED VOTE – AVERAGE OF ALL BOLD FACED TOTALS IN CALCULATORS ABOVE

HARRIS	TRUMP	
46.3	49.5	<<<<<<<<<<<<<<<<<<<<<

Poll Bias Calculator 0 after adjustment

Adjusted Poll Bias Score 0, no bias

	Party ID	Gender	Education	Region	Racial Demo	Age Demo
Bias Multiplier (Level of Bias Significance)	10	5	6	3	5	5
Bias by Cateogry	0	0	0	0	0	0

| **OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)** | **0** SCALE>>> | | **NO SIGNIFICANT BIAS, ACCEPTABLE (0-50)** | **DEFINITE BIAS, EXCESSIVE (50-100)** | **SEVERE BIAS (100+)** | |

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	34	37	34	37
Party ID Difference	0	0		
Party ID Bias Score (+ is Dem, - is GOP bias)	**0**			

	Female 2020 Exit Poll	Male 2020 Exit Poll	Female 2024 Poll	Mail 2024 Poll
Gender ID Values	56	44	56	44
Gender ID Bias	0	0		

Final Gender ID Bias (+ is Dem, - is GOP bias)	**0**

	College Degree or + 2020 Exit Poll	No College Degree or + 2020 Exit Poll	College Degree or + 2024 Poll	No College Degree or + 2024 Poll
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				

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

	White 2020 Exit Poll	Black 2020 Exit Poll	Other 2020 Exit Poll	Asian 2020 Exit Poll	White 2024 Poll	Black 2024 Poll	Other 2024 Poll	Asian 2024 Poll
Racial ID percentage	65	23	12	0	65	23	12	0
Racial Polling Sample Bias	0	0	0	0				

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

	-	-	<45	$\geq$45	-	-	-	<45
Age ID	0	0	37	63	0	0	0	37

Age Bias	0	0	0	0	0

Age Bias Score	**0**

oll

oll

>45

| 63 | 0 |