

Atlas-Intel, MI, 9/20-9/25
Poll Bias Score 114 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 CALCULATOR

Bias Multiplier (Level of Bias Significance)	Party ID	Gender	Education	Region	Racial Demo	Age Demo	
		8	5	7	3	5	
Bias by Category	-32	-15	56	0	70	35	
OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)	114		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	29	33
Party ID Difference	-9	-5		

Party ID Bias
Score (+ is
Dem, - is GOP
bias) **-4**

	Female 2020 Exit Poll	Male 2020 Exit Poll	Female 2024 Poll	Mail 2024 Poll
Gender ID Values	54	46	52	47
Gender ID Bias	-2	1		

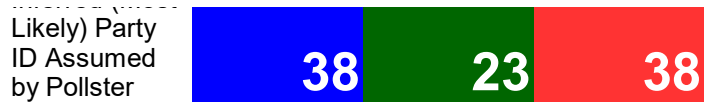
Final Gender
ID Bias (+ is
Dem, - is GOP
bias) **-3**

	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	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				

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



	% Dem for Harris	% Dem for Trump	% Ind for Harris	% Ind for Trump	% GOP for Trump	% GOP for Harris
Party Vote:	0.979	0.011	0.453	0.476	0.966	0.034
Points earned	37.202	0.418	10.419	10.948	36.708	1.292

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

	Harris	Trump
Vote Totals	48.913	48.074

GENDER ID CALCULATOR



	% Women for Harris	% Women for Trump	% Men for Harris	% Men for Trump
Gender Vote	0.451	0.543	0.464	0.495
Points earned	24.354	29.322	21.344	22.77

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

	Harris	Trump
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Vote Totals **45.698** **52.092**

EDUCATION ID CALCULATOR

	College Degree or +Degree	No College Degree
Education ID based on education Vote	[Bar]	[Bar]

	% College or + for Harris	% College or + for Trump	% No Degree for Harris	% No Degree for Trump
Education Vote	0.524	0.41	0.426	0.567
Points earned	18.864	14.76	27.264	36.288

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

	Harris	Trump
Vote Totals	46.128	51.048

RACIAL DEMOS CALCULATOR

Racial ID based on Racial Vote	White	Black	Latino	Asian
	81	12	3	1

Racial Vote	% White for Harris	% White for Trump	% Black for Harris	% Black for Trump	latin	latin	% Asian for Harris	% Asian for Trump
	0.404	0.567	0.773	0.227	0.526	0.345	0.51	0.452
Points earned	32.724	45.927	9.276	2.724	1.578	1.035	0.51	0.452

Assumed Racial ID	White	Black	other	asan	other
	81	12	3	1	4

Harris Trump

Vote Totals 46.676 51.55

AGE ID CALCULATOR

Age ID	18-29	30-44	45-64	65 and over
	12	21	37	30

Age Vote	2020 Exit Poll Harris	2020 Exit Poll Trump	2020 Exit Poll 30-44	2020 Exit Poll 30-44	2024 Poll 45-64	2024 P2024 Poll 45-64	2024 P2024 Poll % 65+ for Harris	2024 P2024 Poll % 65+ for Trump
	0.493	0.499	0.384	0.54	0.506	0.464	0.461	0.536
Points earned	5.916	5.988	8.064	11.34	18.722	17.168	13.83	16.08

Assumed Age ID (Experiment until result matches poll result)	18-29	30-44	45-64	65 and over	Must = 100
	12	21	37	30	0

Harris Trump

Vote Totals 46.532 50.576

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

PARTY ID CALCULATOR

Inferred (Most Likely) Party ID Assumed by Pollster



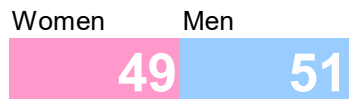
	% Dem for Harris	% Dem for Trump	% Ind for Harris	% Ind for Trump	% GOP for Trump	% GOP for Harris
Party Vote:	0.9	0.05	0.45	0.47	0.91	0.05
Points earned	30.6	1.7	13.5	14.1	33.67	1.85

	Dem	Ind	GOP	
Assumed Party ID (Experiment until result matches poll result)		34	30	37

	Harris	Trump
Vote Totals	45.95	49.47

GENDER ID CALCULATOR

Gender ID based on Gender Vote



	% 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	
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	Harris	Trump
Vote Totals	47.43	47.61

EDUCATION ID CALCULATOR

Education ID based on education Vote	College Degree or +Degree	No College Degree
	49	51

	% 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

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 Category	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+)	

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	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
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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	Asian 2020 Exit Poll	White 2024 Poll	Black 2024 Poll	Other 2024 Poll	Asian 2024 Poll
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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	≥45	-	-	-	<45
Age ID	0	0	37	63	0	0	0	37

Age Bias	0	0	0	0	0
Age Bias Score	0				

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	0.647	0.353
	2.588	1.412

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≥45

63

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