

Atlas Intel, NC, 9/20-9/25

Poll Bias Score 118 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	-24	-50	252	0	-80	20
OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)	118		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	29	35
Party ID Difference	-5	-2		

Party ID Bias
Score (+ is
Dem, - is GOP
bias) **-3**

	Female 2020 Exit Poll	Male 2020 Exit Poll	Female 2024 Poll	Mail 2024 Poll
Gender ID Values	56	44	50	48
Gender ID Bias	-6	4		

Final Gender
ID Bias (+ is
Dem, - is GOP
bias) **-10**

	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	54	46
Education Bias	18	-18		

Education Bias
Final Score (+
is Dem, - is
GOP bias) **36**

	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:	0.9	0.05	0.45	0.47	0.91	0.05
Points earned	30.6	1.7	13.05	13.63	33.67	1.85

	Dem	Ind	GOP	
Assumed Party ID (Experiment until result matches poll result)		34	29	37

	Harris	Trump
Vote Totals	0	0

GENDER ID CALCULATOR

Gender ID based on Gender Vote	Women	Men
	60	40

	% Women for Harris	% Women for Trump	% Men for Harris	% Men for Trump
Gender Vote	0.5	0.46	0.45	0.51
Points earned	30	27.6	18	20.4

	Women	Men
Assumed Gender ID (Experiment until result matches poll result)	60	40

	Harris	Trump
Vote Totals	48	48

EDUCATION ID CALCULATOR

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

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

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

	Harris	Trump
Vote Totals	48.0	49.6

RACIAL DEMOS CALCULATOR

Racial ID based on Racial Vote	White	Black	Latino	Asian
	76	18	6	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
	0.39	0.58	0.79	0.11	0.67	0.24	0	0
Points earned	29.64	44.08	14.22	1.98	4.02	1.44	0	0

Assumed Racial ID	White	Black	Latino	Asian
	76	18	6	
Harris		Trump		
Vote Totals	47.88	47.5		

AGE ID CALCULATOR

Age ID	18-29	30-44	45-64	65 and over	2020 Exit Poll	2020 Exit Poll	2020 Exit Poll	2020 Exit Poll	2024 Poll	2024 P	2024 Poll	2024 Pc
					% 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
	23	24	30	23	0.51	0.43	0.51	0.4	0.41	0.54	0.48	0.51
Age Vote Points earned	11.73	9.89	12.24	9.6	12.3	16.2	11.04	11.73				

Assumed Age ID (Experiment until result matches poll result)	18-29	30-44	45-64	65 and over	Must = 100
	23	24	30	23	0
Harris		Trump			
Vote Totals	0	0			

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



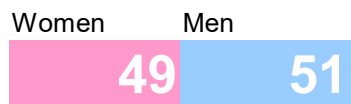
	% Dem for Harris	% Dem for Trump	% Ind for Harris	% Ind for Trump	% GOP for Trump	% GOP for Harris
Party Vote:	0.9	0.05	0.45	0.47	0.91	0.05
Points earned	30.6	1.7	13.5	14.1	33.67	1.85

	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

	Harris	Trump
Vote Totals	47.43	47.61

EDUCATION ID CALCULATOR

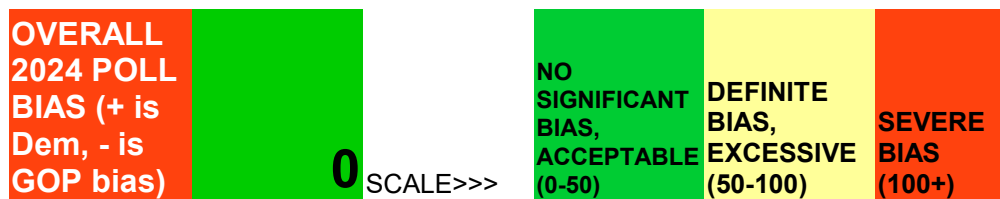
Education ID based on education Vote	College Degree or +Degree	No College Degree				
			% College or + for Harris	% College or + for Trump	% No Degree for Harris	% No Degree for Trump
Education Vote			0.51	0.44	0.44	0.52
Points earned			22.95	19.8	24.2	28.6

Assumed Gender ID (Experiment until result matches poll result)	College Degree or +	No College Degree			
			Harris	Trump	
	45	55	47.15	48.4	

RACIAL DEMOS CALCULATOR

Racial ID based on Racial Vote	White	Black	Latino	Asian								
					% White for Harris	% White for Trump	% Black for Harris	% Black for Trump	% Latino for Harris	% Latino for Trump	% Asian for Harris	% Asian for Trump
	75	19	5	0	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		
					Harris	Trump
	75	19	5		46.74	48.06



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	≥45	-	-	-	<45	
Age ID	0	0	0	37	63	0	0	0	37
Age Bias	0	0	0	0	0	0			
Age Bias Score 0									

65+ Exit Poll

20 Age ID

Age Bias

Age Bias
Score

ا

د



≥45

63

0