

CNN, NC, 9/20-9/25

Poll Bias Score -1, no bias, included.

POLL BIAS CALCULATOR

	Party ID	Gender	Education	Region	Racial Demo	Age Demo
Bias Multiplier (Level of Bias Significance)						
	10	5	6		3	5
Bias by Category	-20	40	84		0	-110
OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)	-1 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	30	35
Party ID Difference	-4	-2		
Party ID Bias Score (+ is Dem, - is GOP bias)	-2			

Sheet1

	Female 2020 Exit Poll	Male 2020 Exit Poll	Female 2024 Poll	Mail 2024 Poll
Gender ID Values	56	44	60	40
Gender ID Bias	4	-4		
Final Gender ID Bias (+ is Dem, - is GOP bias)	8			

	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	43	57
Education Bias	7	-7		
Education Bias Final Score (+ is Dem, - is GOP bias)	14			

	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	76	18	6	0

Racial Polling Sample Bias	11	-5	-6	0
Racial Bias Score (+ is Dem, - is GOP bias)	-22			

	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	
Age ID	22	23	31	24	0	23	24	30
Age Bias	1	1	-1	0				
Age Bias Score	1							

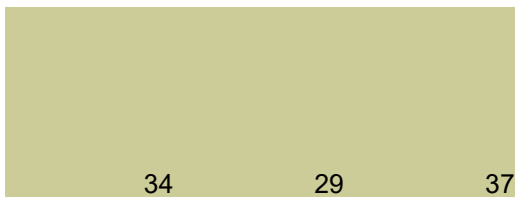
The calculators below calculate the adjusted vote using inferred sample ratios

PARTY ID CALCULATOR

Inferred (Most Likely) Party ID Assumed by Pollster	Dem	Ind	GOP
	34	29	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	13.05	13.63	33.67	1.85
	Dem	Ind	GOP			

Assumed Party ID (Experiment until result matches poll result)



Harris Trump

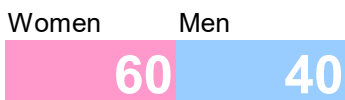
Vote

Totals

45.5 49

GENDER ID CALCULATOR

Gender ID based on Gender Vote



	% 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

Assumed Gender ID (Experiment until result matches poll result)



Harris Trump

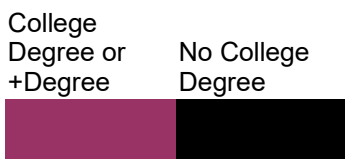
Vote

Totals

48 48

EDUCATION ID CALCULATOR

Education ID based on education Vote



	% College or + for Harris	% College or + for Trump	% No Degree for Harris	% No Degree for Trump
Education Vote	0.59	0.37	0.39	0.56
Points earned	25.37	15.91	22.23	31.92

	College Degree or +	No College Degree	
Assumed Gender ID (Experiment until result matches poll result)	43	57	0

	Harris	Trump
Vote Totals	47.6	47.83

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
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

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

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

	Harris	Trump
Vote Totals	47.31	47.42

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	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

	Dem	Ind	GOP	
Assumed Party ID (Experiment until result matches poll result)		34	30	37
Vote Totals	Harris	45.95	Trump	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	
Vote Totals	Harris	47.43	Trump	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

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

					% Latino for Harris	% Latino for Trump	% Asian for Harris	% Asian for Trump
Racial Vote	% White for Harris	% White for Trump	% Black for Harris	% Black for Trump	0.38	0.58	0.76	0.19
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	2020 Exit Poll	2020 Exit Poll	2020 Exit Poll	2024 Poll	2024 P	2024 Poll	2024 P
% 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

Sheet1

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
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Sheet1

Regional Values
(national polls only)

[Redacted]								
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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
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Racial ID percentage

	65	23	12	0	65	23	12	0
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Racial Polling Sample Bias

0 0 0 0

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

0

	-	-	<45	≥45	-	-	-	<45
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Age ID

	0	0	37	63	0	0	0	37
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Age Bias

0 0 0 0

Age Bias Score

0

65+ 2024 poll

23 Age ID

Age Bias

Age Bias

Score

ا



>45

63

0