Atlas Intel, NV, 9/20-9/25
Poll Bias Score -7, no bias. Included.
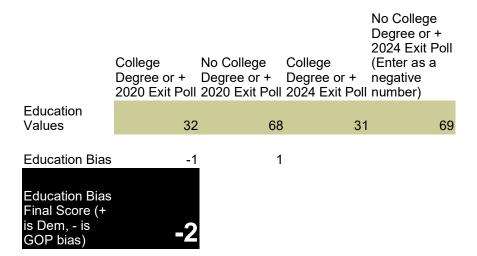# POLL BIAS CACLULATOR

	Party ID	Gender	Education	Region	Racial Demo	Age Demo
Bias Multiplier (Level of Bias Significance)	10	6	6	3	5	5
Bias by Cateogry	0	0	-12	0	-5	10

OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)	**-7** SCALE>>>		**MILD BIAS (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	I
Party ID Values	35	35	35	35	
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	Male 2024 Poll
Gender ID Values	52	48	52	48
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 Exit Poll	No College Degree or + 2024 Exit Poll (Enter as a negative number)
Education Values	32	68	31	69
Education Bias	-1	1		
Education Bias Final Score (+ is Dem, - is GOP bias)	**-2**			

	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	2020 latino	White 2024 Exit Poll	Black 2024 Exit Poll	Other 2024 Exit Poll	latino 2024 Exit Poll
Racial ID percentage	65	7	10	17	56	11	11	22
Racial Polling Sample Bias	-9	4	1	5				
Racial Bias Score (+ is GOP, - is Dem bias)	**-1**							

	18-29	30-44 Exit Poll	45-64	65+ Exit Poll	18-29	30-44 Exit Poll	45-64	65+ Exit Poll

Age ID	15	24	30	30	16	29	34	21
Age Bias	1	5	4	0				
Age Bias Score	**2**							

	18-39	40-64	65		18-39	40-64	65
Age ID	32	37	30	0	8	47	45
Age Bias	-24	10	15	0			
Age Bias Score	**1** n/a						
Points earned	#VALUE!	#VALUE!	#VALUE!	#VALUE!			

	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				
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				
Age Bias Score	**0**							

	18-45 Exit Poll	45-64 Exit Poll	65+ Exit Poll	n/a	18-45	45-64	65	n/a
Age ID	0	0	0	0	0	0	0	0
Age Bias	0	0	0	0				
Age Bias Score	**0**							

	18-29 Exit Poll	30-39 Exit Poll	40-49 Exit Poll	50-64 Exit Poll	65+ Exit Poll	18-29 Exit Poll	30-39 Exit Poll	40-49 Exit Poll
Age ID	15	17	14	24	30	14	16	20
Age Bias	-1	-1	6	-5	0			
Age Bias Score	**-3** n/a							

PARTY ID CALULATOR

Inferred (Most	Dem	Ind	GOP

Likely) Party ID Assumed by Pollster	26	39	35

	% Dem for Harris	% Dem for Trump	% Ind for Harris	% Ind for Trump	% GOP for Trump	% GOP for Harris
Party Vote:	0.88	0.1	0.47	0.45	0.85	0.11
Points earned	22.88	2.6	18.33	17.55	29.75	3.85

	Dem	Ind	GOP
Assumed Party ID (Experiment until result matches poll result)	26	39	35

	Harris	Trump
Vote Totals	**0**	**0**

GENDER ID CALCULATOR

	Women	Men
Gender ID based on Gender Vote	62	37

	% Women for Harris	% Women for Trump	% Men for Harris	% Men for Trump
Gender Vote	0.59	0.39	0.39	0.59
Points earned	36.58	24.18	14.43	21.83

	Women	Men
Assumed Gender ID (Experiment until result matches poll result)	62	37

	Harris	Trump
Vote Totals	51.01	46.01

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
	0.65	0.32	0.41	0.56
Points earned	26	12.8	24.6	33.6

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

Vote Totals	Harris	Trump
	50.6	46.4

RACIAL DEMOS CALCULATOR

Racial ID based on Racial Vote	White	Black	Latino	Asian
	65	7	10	17

Racial Vote	% White for Harris	% White for Trump	% Black for Harris	% Black for Trump	% Other for Harris	% Other for Trump	latin	latino 2024 Exit Poll
	0.455	0.522	0.629	0.318	0.437	0.481	0.515	0.485
Points earned	29.575	33.93	4.403	2.226	4.37	4.81	8.755	8.245

Assumed Racial ID	White	Black	other	n/a
	65	7	10	17

	Harris	Trump
Vote Totals	47.103	49.211

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

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

	% 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 = 100
Assumed Age ID (Experiment until result matches poll result)	0	0	0	0	0

	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	**17**	**21**	**33**	**28**

	% 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

	Harris	Trump
Vote Totals	51	45.27

FIVE CATEGORIES TO TWO – EDUCATION ID CALCULATOR

	18-29	30-44	45-64	65 and over
Age ID	**3**	**22**	**28**	**31**

	No HS Harris	No HS Trump	HS Harris	HS Trump	Some Coll Harris	Some Coll Trump	BA Harris	BA Trump
Age Vote	0.42	0.58	0.43	0.51	0.54	0.44	0.43	0.54
Points earned	1.3	1.7	9.5	11.2	15.1	12.3	13.3	16.7
Corrected Points Earned	1.6	2.2	12.1	14.4	19.4	15.8	9.6	12.1

	No HS	HS	Some Coll	BA	BA+		Non BA Total	BA+ Total
% of each education category included	3.0	22.0	28.0	31.0	18.0	102.0	**50.0**	**50.0**
% of total	0.06	0.44	0.56	0.62	0.36			
Corrected total per education category	3.8	28.2	35.8	22.3	13.0			

	Harris	Trump
Vote Totals	**48.5**	**50.3**
Corrected Vote Toals	**0.0**	**0.0**

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

HARRIS	TRUMP
47.6	**49.1**

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<

n/a – all data below not included on this spreadsheet
Adjusted Poll Bias Score 0, no bias
POLL BIAS CACLULATOR

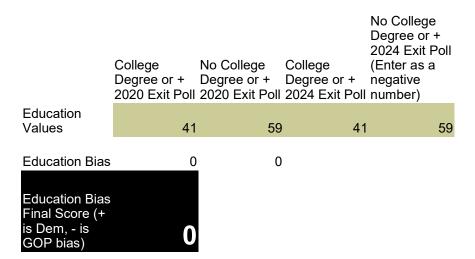|	Party ID	Gender	Education	Region	Racial Demo	Age Demo
Bias Multiplier (Level of Bias Significance)	10	6	6	3	5	5
Bias by Cateogry	0	0	0	0	0	0

OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)	0 SCALE>>>	MILD BIAS (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	I
Party ID Values	26	35	26	35	34
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	Male 2024 Poll
Gender ID Values	52	48	52	48
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 Exit Poll	No College Degree or + 2024 Exit Poll (Enter as a negative number)
Education Values	41	59	41	59
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		White 2024 Exit Poll	Black 2024 Exit Poll	Other 2024 Exit Poll	Latino 2024 Exit Poll
Racial ID percentage	74	2	21		74	2	21	0
Racial Polling Sample Bias	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				
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				
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				
Age Bias Score	**0**							

	18-45 Exit Poll	45-64 Exit Poll	65+ Exit Poll	n/a	18-45	45-64	65 n/a	
Age ID	0	0	0	0	0	0	0	0
Age Bias	0	0	0	0				
Age Bias Score	**0**							

	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	0	0	0	0	0	0	0	0
Age Bias	0	0	0	0				
Age Bias Score	**0**							

	18-29 Exit Poll	30-39 Exit Poll	40-49 Exit Poll	50-64 Exit Poll	65+ Exit Poll	18-29 Exit Poll	30-39 Exit Poll	40-49 Exit Poll
Age ID	16	13	14	26	31	11	18	20
Age Bias	-5	5	6	-6	0			
Age Bias Score	**0**							

DONE WITH
SAMPLE
TEST. NOW
ADJUST THE
VOTE.

50-64 Exit
Poll

19	30

BA+ Harris	BA+ Trump
0.52	0.46
9.4	8.3
6.7	6.0

Corrected Non BA total	Corrected BA+ total
64.0	36.0

3

50-64 Exit
Poll

20	31