POLL BIAS CACLULATOR

	Party ID	Gender	Education	Region	Racial Demo	Age Demo
Bias Multiplier (Level of Bias Significance)	7	5	7	3	5	5
Bias by Cateogry	14	0	42	0	0	-5

OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)	**51** 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	32	37	33	36
Party ID Difference	1	-1		
Party ID Bias Score (+ is Dem, - is GOP bias)	**2**			

	Female 2020 Exit Poll	Male 2020 Exit Poll	Female 2024 Poll	Mail 2024 Poll
Gender ID Values	50	50	50	50
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	34	66	37	63
Education Bias	3	-3		
Education Bias Final Score (+ is Dem, - is GOP bias)	**6**			

	Northeast 2020 Exit Poll	South 2020 Exit Poll	Midwest 2020 Exit Poll	West 2020 Exit Poll	Northeast 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	Latino 2020 Exit Poll	Asian 2020 Exit Poll	Other	White 2020 Exit Poll	Black 2020 Exit Poll	Latino 2020 Exit Poll
Racial ID percentage	86	6	4	1	2	87	7	4

Sample Bias	1	1	0	0	0

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

	18-29	30-49	50-64	65+.	18-29	30-49	50-64	65+.
Age ID	14	28	32	26	13	28	21	37
Age Bias	-1	0	-11	11				

Age Bias Score   **-1**

The calcuators below calculate the adjusted vote using supplied sample ratios

ADJUSTED PARTY ID CALULATOR

	Dem	Ind	GOP
Inferred (Most Likely) Party ID Assumed by Pollster	32	31	37
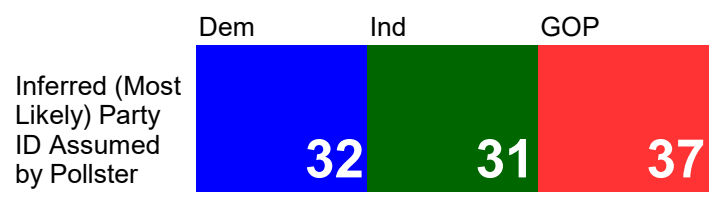
	% Dem for Harris	% Dem for Trump	% Ind for Harris	% Ind for Trump	% GOP for Trump	% GOP for Harris
Party Vote:	0.95	0.04	0.49	0.46	0.93	0.06
Points earned	30.4	1.28	15.19	14.26	34.41	2.22

	Dem	Ind	GOP

32	31	37

	Harris	Trump
Vote Totals	**47.8**	**50.0**

ADJUSTED GENDER ID CALCULATOR

Gender ID based on Gender Vote	Women	Men
	50	**50**
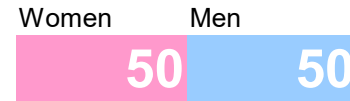
	% Women for Harris	% Women for Trump	% Men for Harris	% Men for Trump
Gender Vote	0.528	0.451	0.444	0.539
Points earned	26.4	22.55	22.2	26.95

Assumed Gender ID (Experiment until result matches poll result)	Women	Men
	50	50

	Harris	Trump
Vote Totals	**48.6**	**49.5**

ADJUSTED EDUCATION ID CALCULATOR

Education ID	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
Education Vote	0.523	0.445	0.468	0.52
Points earned	17.782	15.13	30.888	34.32

	College Degree or +	No College Degree	
Assumed Gender ID (Experiment until result matches poll result)	34	66	0

	Harris	**Trump**
Vote Totals	**48.7**	**49.5**

ADJUSTED RACIAL DEMOS CALCULATOR

Racial ID based on Racial Vote	White	Black	Latino	Asian
	86	**6**	**4**	**1**

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
	0.455	0.526	0.82	0.18	0.72	0.28	0.538	0.384
Points earned	39.13	45.236	4.92	1.08	2.88	1.12	0.538	0.384

Assumed Racial ID	White	Black	Latino	Asian	Other
	86	6	4	1	2

Harris   **Trump**

Vote		
Totals	**47.7**	**49.3**

ADJUSTED AGE ID CALCULATOR

Age ID	18-34	35-49	50-64	65+.

	18-34	35-49	50-64	65+.
Age ID	**14**	**28**	**32**	**26**

	2020 Exit Poll 18-29	2020 Exit Poll 18-29	2020 Exit Poll 30-49	2020 Exit Poll 30-49	2024 Poll 50-59	2024 P 50-59	2024 Poll 60+	2024 Po 60+.
Age Vote	0.61	0.38	0.485	0.489	0.448	0.518	0.475	0.529
Points earned	8.54	5.32	13.58	13.692	14.336	16.576	12.35	13.754

	18-34	35-49	50-64	65+.	Must = 100
Assumed Age ID (Experiment until result matches poll result)	14	28	32	26	0

	Harris	Trump
Vote		
Totals	**48.8**	**49.3**

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

HARRIS	TRUMP	
48.3	**49.5**	<<<<<<<<<<<<<<<<<<<<<<

Emerson, WI, 10/5-10/8

Adjusted Poll Bias Score 0, no bias

	Party ID	Gender	Education	Region	Racial Demo	Age Demo
Bias Multiplier (Level of Bias Significance)	7	5	7	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	32	37	32	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	50	50	50	50
Gender ID Bias	0		0	

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	34	66	34	66
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	Northeast 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	Latino 2020 Exit Poll	Asian 2020 Exit Poll	Other	White 2020 Exit Poll	Black 2020 Exit Poll	Latino 2020 Exit Poll
Racial ID percentage	86	6	4	1	2	87	7	4
Racial Polling Sample Bias	1	1	0	0	0			

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

	18-29	30-49	50-64	65+.	18-29	30-49	50-64	65+.
Age ID	14	28	32	26	14	28	32	26

Asian 2020
Exit Poll   Other

1   2

INFERRED PARTY ID CALULATOR

	Dem	Ind	GOP
Inferred (Most Likely) Party ID Assumed by Pollster	43	13	44
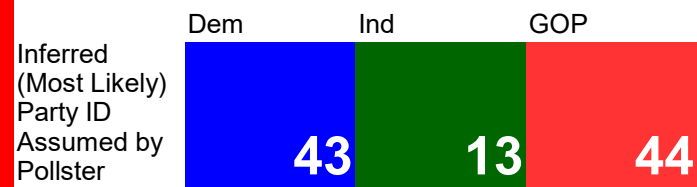
	% Dem for Harris	% Dem for Trump	% Ind for Harris	% Ind for Trump	% GOP for Trump
Party Vote:	0.9	0.05	0.5	0.45	0.91
Points earned	38.7	2.15	6.5	5.85	40.04
	Dem	Ind	GOP		

43	13	44

	Harris	Trump
Vote Totals	47.84	48.04

INFERRED GENDER ID CALCULATOR

Gender ID based on Gender Vote

Women	Men
53	47

	% Women for Harris	% Women for Trump	% Men for Harris	% Men for Trump
Gender Vote	0.51	0.45	0.45	0.52
Points earned	27.03	23.85	21.15	24.44

Assumed Gender ID (Experiment until result matches poll result)

Women	Men
53	47

	Harris	Trump
Vote Totals	48.18	48.29

INFERRED EDUCATION ID CALCULATO

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

Vote

	% College or + for Harris	% College or + for Trump	% No Degree for Harris	% No Degree for Trump
Education Vote	0.57	0.4	0.43	0.53
Points earned	21.09	14.8	27.09	33.39

	College Degree or +	No College Degree	
Assumed Gender ID (Experiment until result matches poll result)	37	63	0

	Harris	Trump
Vote Totals	48.18	48.19

INFERRED RACIAL DEMOS

Racial ID based on Racial Vote	White	Black	Latino
	67	**4**	**23**

% Other for Harris	% Other for Trump		Racial Vote	% White for Harris	% White for Trump	% Black for Harris
0.13	0.73		Racial Vote	0.45	0.52	0.85
0.26	1.46		Points earned	30.15	34.84	3.4

	Assumed Racial ID	White	Black	Latino
		67	4	23

Harris	Trump

		Vote Totals	49.52	47.53

INFERRED AGE ID CALCULATOR

	18-34	35-49	50-64	65+.	
Age ID	**22**	**21**	**25**	**29**	

	2020 Exit Poll	2020 Exit Poll	2020 Exit Poll	2020 Exit Poll	2024 Poll
)ll	18-34	18-34	35-49	35-49	50-64
Age Vote	0.58	0.39	0.5	0.45	0.42
Points earned	12.76	8.58	10.5	9.45	10.5

	18-34	35-49	50-64	65+.	Must = 100
Assumed Age ID (Experiment until result matches poll result)	22	21	25	29	0

	Harris	Trump
Vote Totals	45.94	46.11

Asian 2020
Exit Poll   Other

1   2

SPREADSHEET –

% GOP for
Harris

0.06	
2.64	

R

S CALCULATOR

Asian

2

% Black for Trump	% Latino for Harris	% Latino for Trump	% Asian for Harris	% Asian for Trump	% Other for Harris	% Other for Trump
0.09	0.55	0.43	0.52	0.42	0.57	0.4
0.36	12.65	9.89	1.04	0.84	2.28	1.6

Asian	Other
2	4

	2024 Poll 50-64	2024 Poll 65+.	2024 Poll 65+.
	0.52	0.42	0.52
	13	12.18	15.08