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	30	-6	-12	0	40	15

OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)	**67** 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 (Enter as a negative number)
Party ID Values	40	41	37	35
Party ID Difference		-3	-6	
Party ID Bias Score (+ is Dem, - is GOP bias)	**3**			

	Female 2020 Exit Poll	Male 2020 Exit Poll	Female 2024 Poll	Male 2024 Poll

Values	53	47	52	47
Gender ID Bias	-1	0		
Final Gender ID Bias (+ is Dem, - is GOP bias)	**-1**			

	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	40	60	39	61
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	Northeast 2024 Poll	South 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 2024 Exit Poll	Black 2024 Exit Poll
Racial ID percentage	81	11	2	5	3	69	8
Racial Polling Sample Bias	-12	-3	2	-3	0		

Score (+ is GOP, - is Dem bias) **8**

	18-29 Exit Poll	30-44	45-64	65+.		18-29 Exit Poll	30-44
Age ID	13	23	37	28	0	13	21
Age Bias	0	-2	-4	1			

Age Bias Score **3**

	18-29 Exit Poll	30-44	45-64	65+.		18-29 Exit Poll	30-44
Age ID	13	23	37	28	0	13	21
Age Bias	0	-2	-4	1			

Age Bias Score **3**

	18-35 Exit Poll	36-44 Exit Poll	45+ Exit Poll	n/a		18-35 2024	36-44 2024
Age ID	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
Age ID	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
Age ID	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	2024 poll
Age ID	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
Age ID	13	16	15	29	27	13	14
Age Bias	0	-2	0	9	-6		

Age Bias Score: 0 n/a

	18-29	30-49	50-65	65+ Exit Poll		18-29	30-49
Age ID	0	0	0	0	0	0	0
Age Bias	0	0	0	0			

Age Bias Score: 0

	18-29 Exit Poll	30-44 Exit Poll	45-54	55-64	65+ Exit Poll	18-29 Exit Poll	30-44 Exit Poll
Age ID	0	0	0	0	0	0	0
Age Bias	0	0	0	0	0		

Age Bias Score: 0

INFERRED PARTY ID CALULATOR

Inferred (Most Likely) Party ID Assumed by Pollster	Dem	Ind	GOP
	40	19	41
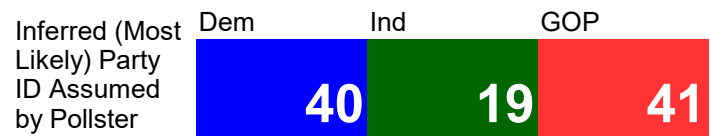
	% Dem for Harris	% Dem for Trump	% Ind for Harris	% Ind for Trump	% GOP for Trump	% GOP for Harris
Party Vote:	0.93	0.05	0.44	0.45	0.91	0.07

	Dem	Ind	GOP
Assumed Party ID (Experiment until result matches poll result)	40	19	41

	Harris	Trump
Vote Totals	48.43	47.86 <<<<<<<< <<<<<<<< <<<<<<

INFERRED GENDER ID CALCULATOR

	Women	Men
Gender ID based on Gender Vote	53	47

	% Women for Harris	% Women for Trump	% Men for Harris	% Men for Trump
Gender Vote	0.57	0.39	0.47	0.52
Points earned	30.21	20.67	22.09	24.44

	Women	Men
Assumed Gender ID (Experiment until result matches poll result)	53	47

Bad party ID overrides gender ID. In other words, if too many of one party are included in the sample, all other Ids will reflect too many of that party, invalidating its efficacy in gauging accuracy of the sample.

	Harris	Trump
Vote Totals	void	void

ADJUSTED EDUCATION ID CALCULATOR

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

	% College or + for Harris	% College or + for Trump	% No Degree for Harris	% No Degree for Trump
Education Vote	0.57	0.39	0.45	0.5
Points earned	22.8	15.6	27	30

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

Bad party ID overrides education ID. In other words, if too many of one party are included in the sample, all other Ids will reflect too many of that party, invalidating its efficacy in gauging accuracy of the sample.
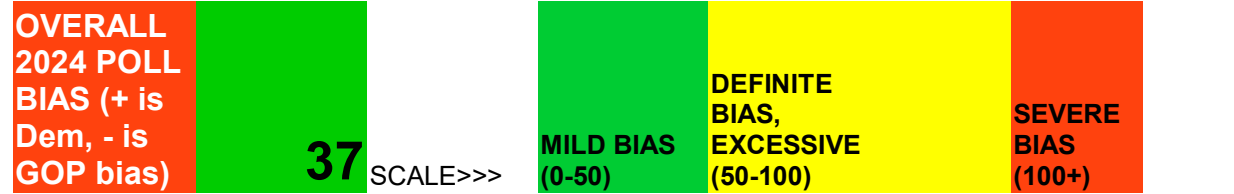
	Harris	**Trump**
Vote Totals	**void**	**void**

ADJUSTED RACIAL DEMOS CALCULATOR

Racial ID based on Racial Vote	White	Black	Latino	Asian
	81	**11**	**2**	**5**

	% White for Harris	% White for Trump	% Black for Harris	% Black for Trump	% Latino for Harris	% Latino for Trump	% Asian for Harris
Racial Vote	0.46	0.49	0.79	0.16	0.52	0.4	0.52
Points earned	37.26	39.69	8.69	1.76	1.04	0.8	2.6

	White	Black	Latino	Asian	Other
Assumed Racial ID	81	11	2	5	3

Harris	**Trump**

Bad party ID over words, if too man

	Harris	Trump					
Vote Totals	**void**	**void**					

INFERRED AGE ID CALCULATOR

	18-34	35-49	50-64	65+.
Age ID	**13**	**23**	**37**	**28**

	2020 Exit Poll 18-34	2020 Exit Poll 18-34	2020 Exit Poll 35-49	2020 Exit Poll 35-49	2024 Poll 50-64	2024 Poll 50-64	2024 P. 65+.
Age Vote	0.49	0.45	0.52	0.37	0.47	0.49	0.51
Points earned	6.37	5.85	11.96	8.51	17.39	18.13	14.28

	18-34	35-49	50-64	65+.	Must = 100
Assumed Age ID (Experiment until result matches poll result)	13	23	37	28	0

	Harris	Trump
Vote Totals	**void**	**void**

FINAL ADJUSTED VOTE

HARRIS	TRUMP	
48.4	**47.9**	<<<<<<<<<<<<<<<<<<<<<<<

NYT, PA, 10/7-10/10

Adjusted Poll Bias Score 0, no bias

Party ID	Gender	Education	Region	Racial Demo	Age Demo

Multiplier (Level of Bias Significance)		10	6	6	3	5	5
Bias by Cateogry		0	-6	-12	0	40	15

OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)	**37** 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 (Enter as a negative number)
Party ID Values	40	41	40	41
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	53	47	52	47
Gender ID Bias	-1	0		
Final Gender ID Bias (+ is Dem, - is GOP bias)	**-1**			

	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	40	60	39	61
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
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 2024 Exit Poll	Black 2024 Exit Poll
Racial ID percentage	81	11	2	5	3	69	8
Racial Polling Sample Bias	-12	-3	2	-3	0		
Racial Bias Score (+ is GOP, - is Dem bias)	**8**						

	18-29 Exit Poll	30-44	45-64	65+.		18-29 Exit Poll	30-44
Age ID	13	23	37	28	0	13	21
Age Bias	0	-2	-4	1			

st

Midwest 2024 Poll
West 2024 Poll

Latino 2024 Exit Poll
Asian 2024 Exit Poll
Other

4   2   3

45-64	65+.
33	29

45+
2024	n/a
0	0

45+
2024	n/a
0	0

65 n/a	
0	0

2024 poll	2024 poll
0	0

40-49 Exit Poll	50-64 Exit Poll	65+ Exit Poll
15	38	21

50-65	65+ Exit Poll
0	0

45-54	55-64	65+ Exit Poll
0	0	0

DATA BELOW IS NOT A PART OF THIS SCORE SHEET

INFERRED PARTY ID CALULATOR

Inferred (Most Likely) Party ID Assumed by Pollster	Dem	Ind	GOP
	47	7	46

	% Dem for Harris	% Dem for Trump	% Ind for Harris	% Ind for Trump	% GOP for Trump
Party Vote:	0.9	0.07	0.43	0.51	0.9

	Dem	Ind	GOP
Assumed Party ID (Experiment until result matches poll result)			
	47	7	46

	Harris	Trump
Vote Totals	47.15	48.26

INFERRED GENDER ID CALCULATOR

Gender ID based on Gender Vote	Women	Men
	51.5	**48.5**

	% Women for Harris	% Women for Trump	% Men for Harris	% Men for Trump
Gender Vote	0.5	0.48	0.45	0.5
Points earned	25.75	24.72	21.825	24.25

	Women	Men
Assumed Gender ID (Experiment until result matches poll result)		
	51.5	48.5

	Harris	Trump
Vote Totals	47.575	48.97

INFERRED EDUCATION ID CALCULATO

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

Education Vote	% College or + for Harris	% College or + for Trump	% No Degree for Harris	% No Degree for Trump
	0.6	0.38	0.42	0.57
Points earned	24.6	15.58	24.78	33.63

Assumed Gender ID (Experiment until result matches poll result)	College Degree or +	No College Degree	
	41	59	0

	Harris	Trump
Vote Totals	**49.38**	**49.21**

INFERRED RACIAL DEMOS

Racial ID based on Racial Vote	White	Black	Latino
	68	**21**	**4**

	% Asian for Trump	Other Harris	Other Trump
	0.4	0.52	0.4
	2	1.56	1.2

Racial Vote	% White for Harris	% White for Trump	% Black for Harris
	0.4	0.58	0.78
Points earned	27.2	39.44	16.38

Assumed Racial ID	White	Black	Latino
	68	21	4

rides racial ID. In other
ly of one party are included

	Harris	Trump

INFERRED AGE ID CALCULATOR

Age ID	18-34	35-49	50-64	65+.
	23	**23**	**24**	**27**

		2020 Exit Poll 18-34	2020 Exit Poll 18-34	2020 Exit Poll 35-49	2020 Exit Poll 35-49	2024 Poll 50-64
2024 Poll 65+.	Age Vote	0.55	0.42	0.48	0.5	0.45
0.45						
12.6	Points earned	12.65	9.66	11.04	11.5	10.8

		18-34	35-49	50-64	65+.	Must = 100
	Assumed Age ID (Experiment until result matches poll result)	23	23	24	27	0

		Harris	Trump
any of reflect ing	Vote Totals	47.18	47.95

Midwest West
2024 2024
Poll Poll

Latino Asian
2024 2024
Exit Exit
Poll Poll Other

4 2 3

45-64 65+.

33 29

– NYT PA 10/7-10/10

% GOP for
Harris

0.04

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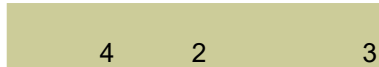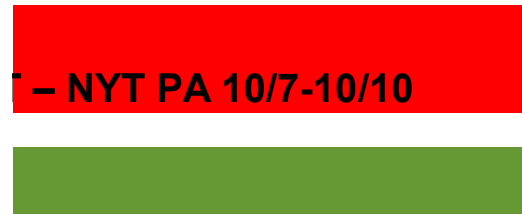
S CALCULATOR

Asian

2

% Black for Trump	% Latino for Harris	% Latino for Trump	% Asian for Harris	% Asian for Trump
0.15	0.45	0.52	0.52	0.45
3.15	1.8	2.08	1.04	0.9

Asian

2

	2024 Poll 50-64	2024 Poll 65+.	2024 Poll 65+.
	0.52	0.47	0.53
	12.48	12.69	14.31