NPR/PBS/Marist, National, 9/27-10/1 Poll Bias Score, 10, insignificant bias. Included in my average.

POLL BIAS CACLULATOR

OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)	10		NO SIGNIFICANT BIAS, ACCEPTABLE (0-50)	,	SEVERE BIAS (100+)	
Bias by Cateogry	30	-10	-10	-5	5	0
Bias Multiplier (Level of Bias Significance)	10	5	5	5	5	5
	Party ID	Gender	Education	Region	Racial Demo	Age

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	De Pol		GOP 2024 Poll
Party ID Values	3	37	37	37	34
Party ID Difference		0	-3		
Party ID Bias Score (+ is Dem, - is GOP bias)		3			

	Female 2020 Exit Poll	Male 2020 Exit Poll	Female 2 Poll		/lale 2024 Poll
Gender ID Values	52	2	48	51	49
Gender ID Bias	-1		1		

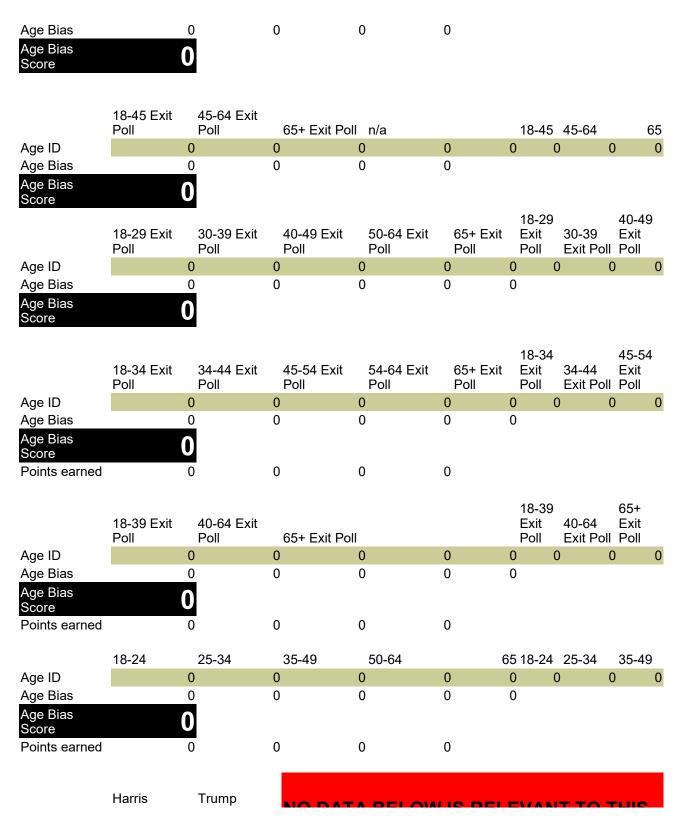


		No College Degree or + 2020 Exit Poll		
Education	44	50	40	60
Values	41	59	40	60
Education Bias	-1	1		
Education Bias Final Score (+ is Dem, - is GOP bias)	-2			

	Northeast 2020 Exit Poll	South 2020 Exit Poll	Midwest 20 Exit Poll	020 West 2020 Exit Poll)	North- east 2024 Poll	South 2024 Poll	Midwest 2024 Poll	West 2024 Poll	
Regional Values (national polls only)	20) 3	35	23	22	18	37	' 23	3 2	3
Regional Bias (National Polls Only)	-2	2	2	0	1					_
Regional Bias Score (+ is Dem, - is GOP bias)	-3									

	White 2020 Exit Poll	Black 2020 Exit Poll) Latino	0	White 2024 Ex Poll	Blac 2024 xit Exit Poll		o	
Racial ID percentage	6	7	13	13	8	67	9	13	11
Racial Polling Sample Bias		0	-4	0	3				
Racial Bias Score (+ is Dem, - is GOP bias)	1								

>>>>>>> Age ID Age Bias	18-29 Exit Poll	30-44 Exit Poll 17 -2	45-64 Exit Poll 23 2	60+ Exit Po 29 -2	oll 31 2	18-29 2024 Poll 0 15	2024 Poll	45-64 2024 Poll 25 27
Age Bias Score	18-29 Exit Poll	30-44 Exit	<< 45-64 Exit Poll	65+ Exit Po	oll .	18-29 2024 Poll	30-44 2024 Poll	45-64 2024 Poll
Age ID	1 OII	0	0	0	0	0 0		0 0
Age Bias		0	0	0	0			
Age Bias Score	18-29 Exit	30-39 Exit	40-49 Exit	50-60 Exit	60+ Exit	18-29 Exit	30-39	40-49 Exit
	Poll	Poll	Poll	Poll	Poll	Poll	Exit Po	
Age ID		17	16	16		32 16	•	16 16
Age Bias Age Bias Score	18-34 Exit Poll	-1 - 1 35-54	0	55	-3	3 18-34 Exit Poll	35-54	55
Age ID		25	33	42	0	0 28		
Age Bias Age Bias Score		3 0	2.5 -	0.4	0			
	18-35 Exit Poll	36-44 Exit Poll	45+ Evit D	all n/a		18-35 2024		45+ 2024
Age ID	70II	0	45+ Exit Po 0	oli n/a 0	0	2024		0 0
Age Bias		0	0	0	0			
Age Bias Score	18-35 Exit	36-44 Exit				18-35		45+
A a a 1D	Poll	Poll	45+ Exit Po		0	2024	2024	2024
Age ID		0	0	0	0	0		0 0



Page 4

Vote Totals

0

BIAS SCORE SPREADSHEET

PARTY ID CALULATOR

Inferred (Most Likely) Party ID Assumed by Pollster Dem Ind GOP 37

Inferred voter ration

% **GOP** % GOP % Dem for % Dem for % Ind for % Ind for for Harris Trump Harris Trump for Trump Harris Party Vote: 0.94 0.05 0.44 0.47 0.93 0.06 Points earned **#VALUE! #VALUE! #VALUE! #VALUE! #VALUE!** ###

% **GOP** % Dem for % Dem for % Ind for % Ind for % GOP for Harris Trump Harris Trump for Trump Harris Party Vote: 0.94 0.05 0.44 0.47 0.93 0.06 12.22 Points earned 34.78 1.85 11.44 34.41 2.22

Dem Ind GOP

Assumed Party ID (Experiment until result matches poll result)

37 26 37

Harris Trump

Vote

Totals 48.44 48.48

Harris Trump

Vote Totals #VALUE! #VALUE!

RACIAL DEMOS CALCULATOR

Racial ID based on

Racial Vote White Black Latino Asian



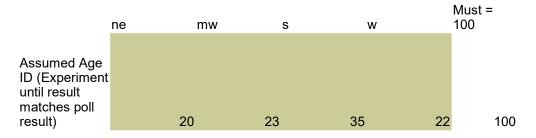
70 13 13 4

Racial Vote	% White for Harris	· % White fo Trump	r % Black for Harris	% Black for Trump	,	% Latino % A for for Trump Har	% Asian Asian for ris Trump
		0	0	0	0 (0 0	0 0
Points earned		0	0	0	0 (0 0	0 0
Assumed							
Racial ID	White	Black	Latino	Asian			
		70	13	13	4		
	Harris	Trump					
Vote Totals		0	0				

regional bias calculator

18-29 30-44 45-64 65 and over
Age ID 20 23 35 22

						S		٧	N
	ne	ne trum	p mw	mw	trump s	tı	rump w	t	rump
Age Vote		0.57	0.42	0.53	0.45	0.46	0.52	0.45	0.53
Points earned		11.4	8.4	12.19	10.35	16.1	18.2	9.9	11.66



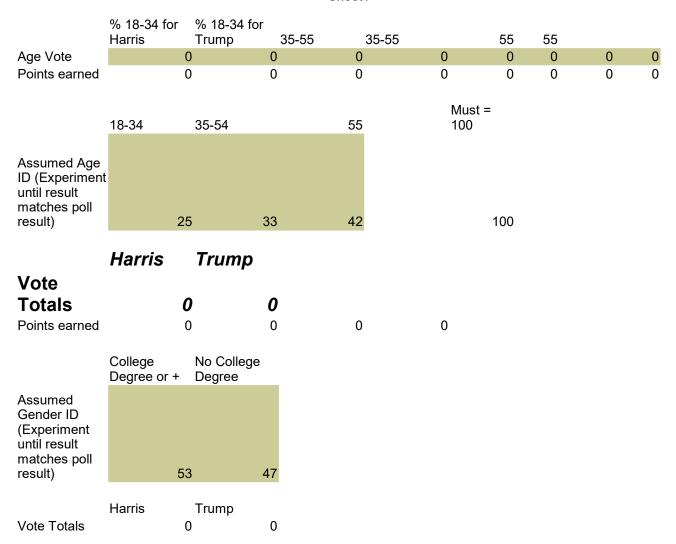
Harris Trump

Vote

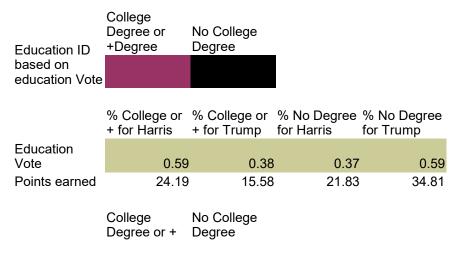
Totals 49.59 48.61

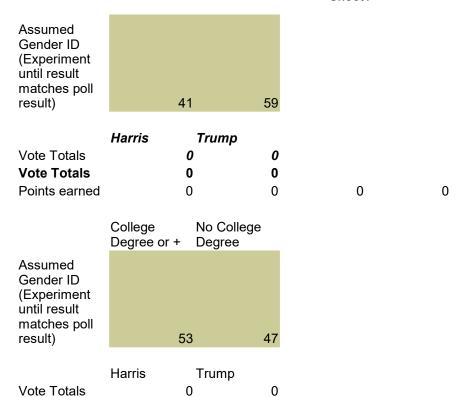
AGE ID CALCULATOR - 18-34/35-54/55+

Age ID 18-29 30-44 45-64 65 and over **25 33 42 0**



EDUCATION ID CALCULATOR





Adjusted result Harris Trump

averaged the three adjusted results

49.7 48 listed above in bold font

ADJUSTED POLL BIAS CACLULATOR

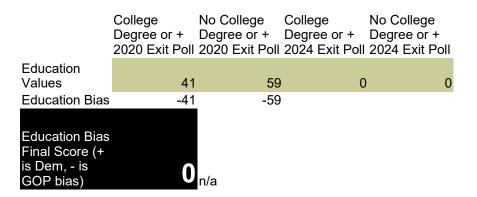
	Party ID	Gender	Education	Region	Racial Demo	Age	
Bias Multiplier (Level of Bias Significance)	10) {	5 5	5 5	5	5 :	5
Bias by Cateogry	C) (o) ()	0 -4.	5
OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)		SCALE>>>	NO SIGNIFICANT BIAS, ACCEPTABLE (0-50)	DEFINITE BIAS, EXCESSIVE (50-100)	SEVERE BIAS (100+)		

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	
Party ID Values	37	7	37	3.	7	37
Party ID Difference	(<u>)</u>	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	2	48	52	2	48
Gender ID Bias	()	0			

Final Gender ID Bias (+ is Dem, - is GOP

bias)



Northeast South 2020 Midwest 2020 West 2020 east 2024 2024 2024 2020 Exit Poll Exit Poll Exit Poll Poll Poll Poll Poll

Regional Values (national polls only)	20	35	23	22	20	35	23	22
Regional Bias (National Polls Only)	0	0	0	0				
Regional Bias Score (+ is Dem, - is GOP bias)	0							

	White 2020 Exit Poll	Black 202 Exit Poll	20 other		White 2024 Ex Poll	Blac 2024 kit Exit Poll		er	
Racial ID percentage	6	7	13	17	0	0	0	0	0
Racial Polling Sample Bias	-6	<u>7</u>	-13	-17	0				
Racial Bias Score (+ is Dem, - is GOP bias)		n/a							
	18-34 Exit Poll	35-54		55		18-3 Exit Poll	34 35-	54	55
Age ID	2	5	33	42	0	0	28	30.5	41.6
Age Bias		3	-2.5	-0.4	0				
Age Bias Score	-0.9								

60+ Poll 33

65+ Poll

50-60 Exit Poll 60+ Exit Poll 17 35

C

n/a 0

n/a 0 n/a 0

50-64 Exit Poll

54-64 Exit Poll 65+ Exit Poll 0

0

50-64 65 0 0

47.5 48.8

0