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Freedom from biased polls

CBS/YouGov, PA, 10/22-10/28

Poll Bias Score = 44 to Dems, insignificant bias. Disproportionately pro-Trump age groups offset by far too many college and post-grad degrees, a pro-Harris bias. Included in my average.

POLL BIAS CACLULATOR

Party ID	Gender	Education	Region	racial id	age
Bias Multiplier (10)	6	6	3	5	5
Bias by Category	-10	0	84	0	0
OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)	44				
		MILD BIAS (0-49)	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.

Party ID	Dem 2020 Exit Poll	Dem 2020 Exit Poll	Dem 2024 Poll	GOP 2024 Poll (Enter as a negative number)
Party ID Values	40	41	40	42
Party ID Difference	0			
Party ID Bias Score (+ is Dem, - is GOP bias)	-1			

Gender ID	Female 2020 Exit Poll	Male 2020 Exit Poll	Female 2024 Poll	Male 2024 Poll
Gender ID Values	53	47	53	47
Gender ID Bias	0			
Final Gender ID Bias (+ is Dem, - is GOP bias)	0			

Education	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	47	53
Education Bias	7			
Education Bias Final Score (+ is Dem, - is GOP bias)	14			

Regional Values (national polls only)	Philly	Philly Subs	NE	Central	West	Philly	Philly Subs	NE	Central	West
Regional Values (national polls only)	11	22	17	22	28	11	22	17	22	28
Regional Bias (National Polls Only)	0									
Regional Bias Score (+ is Dem, - is GOP bias)	0									

Racial ID percentage	White 2020 Exit Poll	Black 2020 Exit Poll	-	Other	White 2024 Exit Poll	Black 2024 Exit Poll	-	Other
Racial ID percentage	81	11	5	1	81	11	5	1
Racial Polling Sample Bias	0							
Racial Bias Score (+ is Dem, - is GOP bias)	0							

Age ID	18-20	30-44	45-64	65+	18-34 2024 poll	35-49 2024 poll	50-64 2024 poll	65+
Age ID	13	23	37	28	11	21	38	31
Age Bias	-2							
Age Bias Score	-5							

Education ID based on education Vote	College Degree or +Degree	No College Degree								
	Inferred	Inferred	Inferred	Inferred	Inferred	Inferred	Inferred	Inferred	Inferred	Inferred
	% White College or + for Harris	% White College or + for Trump	% White No Degree for Harris	% White No Degree for Trump	% Non-White College or + for Harris	% Non-White College or + for Trump	% Non-White No Degree for Harris	% Non-White No Degree for Trump		
Education Vote	0.6	0.37	0.37	0.58	0.6	0.3	0.51	0.38		
Points earned	16.524	10.1998	19.7802	31.0098	2.28	1.14	7.752	5.776		
Assumed Education ID (Experiment until result matches poll result)	White College Degree or +	White No College Degree	Non-White College Degree or +	Non-White No Degree	White vote	Non-college white	Non-college share	college share		
	27.54	53.46	3.8	15.2	81	19	0.66	0.34		
	46.3362	48.1126								
Harris	46.3	48.1								
Vote Totals	46.3	48.1								

Education ID based on education Vote	College Degree or +Degree	No College Degree								
	Inferred	Inferred	Inferred	Inferred	Inferred	Inferred	Inferred	Inferred	Inferred	Inferred
	% White College or + for Harris	% White College or + for Trump	% White No Degree for Harris	% White No Degree for Trump	% Non-White College or + for Harris	% Non-White College or + for Trump	% Non-White No Degree for Harris	% Non-White No Degree for Trump		
Education Vote	0.55	0.44	0.38	0.63	0.7	0.28	0.66	0.28		
Points earned	20.9385	16.7508	15.4548	27.0459	2.66	1.964	10.032	4.256		
Assumed Education ID (Experiment until result matches poll result)	White College Degree or +	White No College Degree	Non-White College Degree or +	Non-White No Degree	White vote	Non-white	Non college share	college share		
	38.07	42.93	3.8	15.2	81	19	0.53	0.47		
	49.0853	49.1167								
Harris	49.1	49.1								
Vote Totals	49.1	49.1								

ADJUSTED RACIAL DEMOS CALCULATOR

Racial ID based on Racial Vote	White	Black	Latino	Asian						
	81	11	2	5						
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	Other Harris	Other Trump
	0.46	0.49	0.79	0.16	0.52	0.4	0.52	0.4	0.52	0.4
Points earned	37.26	39.69	8.69	1.76	1.04	0.8	2.6	2	1.56	1.2
Assumed Racial ID	White	Black	Latino	Asian	Other					
	81	11	2	5	3					
Harris	void	void								
Vote Totals	void	void								

Bad party ID overrides racial 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.

INFERRED RACIAL DEMOS CALCULATOR

Racial ID based on Racial Vote	White	Black	Latino	Asian						
	81	10	5	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	Other Harris	Other Trump
	0.45	0.54	0.77	0.16	0.38	0.6	0.47	0.45	0.4	0.4
Points earned	36.45	43.74	7.7	1.6	1.9	3	0.47	0.45	0.4	0.4
Assumed Racial ID	White	Black	Latino	Asian	Other					
	81	10	5	1	1					
Harris	46.92	49.19								
Vote Totals	46.92	49.19								

AGE ID CALCULATOR

Age ID	18-29	30-44	45-64	65 and over					
	22	23	31	24					
Age Vote	% 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	
	0.39	0.57	0.46	0.49	0.47	0.49	0.57	0.42	
Points earned	8.58	12.54	10.58	11.27	14.57	15.19	13.68	10.08	
Assumed Age ID (Experiment until result matches poll result)	18-29	30-44	45-64	65 and over	Must =				
	22	23	31	24	100				
Harris	47.41	49.08							
Vote Totals	47.41	49.08							

AGE ID CALCULATOR

Age ID	18-29	30-44	45-64	65 and over					
	11	21	38	31					
Age Vote	% 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	
	0.65	0.33	0.57	0.42	0.45	0.54	0.41	0.57	
Points earned	7.15	3.63	11.97	8.82	17.1	20.52	12.71	17.67	
Assumed Age ID (Experiment until result matches poll result)	18-29	30-44	45-64	65 and over	Must =				
	11	21	38	31	100				
Harris	48.93	50.64							
Vote Totals	48.93	50.64							

FINAL ADJUSTED VOTE

HARRIS	TRUMP
-	-
Adjusted Poll Bias Score 0, no bias	

Bias Multiplier (Level of Bias Significance)	Party ID	Gender	Education	Region	Racial Demo	Age Demo
	10	6	6	3	5	5
Bias by Category	0	-6	-12	0	40	15
OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)	SCALE>>>					
	MILD BIAS (0-50)	DEFINITE BIAS, EXCESSIVE (50-100)	SEVERE BIAS (100+)			

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	Dem 2020 Exit Poll	Dem 2024 Exit Poll	Dem 2024 Exit Poll	Dem 2024 Exit Poll
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 Exit Poll	Male 2024 Exit Poll
Gender ID Values	53	47	52	47
Gender ID Bias	-1	0		

Final Gender
 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
Education Values	40	60	39	61

Education Bias **-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)	[Redacted]							
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	Latino 2024 Exit Poll	Asian 2024 Exit Poll	Other	
Racial ID percentage	81	11	2	5	3	69	8	4	2	3	
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	45-64	65+.	
Age ID	13	23	37	28	0	13	21	33	29
Age Bias	0	-2	-4	1					
Age Bias Score 3									