

VISIT FREEDOM WINDOW

WaPo, AZ, 9/30/10/15
Poll Bias Score 108 to Dems, severe bias, must be adjusted

POLL BIAS CALCULATOR

	Party ID	Gender	Education	Region	Racial Demo	Age Demo	Lowered age multiplier due to large age group
Bias Multiplier (Level of Bias Significance)		7	5	7	3	5	5 (18-44)
Bias by Category		-14	0	7	0	95	20
OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)	108						
			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	31	36	25	32
Party ID Difference	-6	-4		
Party ID Bias Score (+ is Dem, - is GOP bias)				-2

	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 Poll	No College Degree or + 2024 Poll
Education Values	41	59	42	59
Education Bias	1	0		
Education Bias Final Score (+ is Dem, - is GOP bias)				1

	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	Latino 2020 Exit Poll	Asian 2020 Exit Poll	Other	White 2020 Exit Poll	Black 2020 Exit Poll	Latino 2020 Exit Poll	Asian 2020 Exit Poll	Other
Racial ID percentage	74	2	19	2	4	64	6	23	1	6
Racial Polling Sample Bias	-10	4	4	-1	2					
Racial Bias Score (+ is Dem, - is GOP bias)										19

	2020				2024					
	18-29	30-39	40-49	50-64	65	18-29	30-39	40-49	50-64	65
Age ID	17	16	16	30	22	20	15	12	24	29
Age Bias	3	-1	-4	-6	7					
Age Bias Score										4

The calculators below calculate the adjusted vote using supplied sample ratios

ADJUSTED PARTY ID CALCULATOR

	Dem	Ind	GOP
Inferred (Most Likely) Party ID Assumed by Pollster	31	33	36

INFERRED PARTY ID CALCULATOR

	Dem	Ind	GOP
Inferred (Most Likely) Party ID Assumed by Pollster	31	33	36

	% Dem for Harris	% Dem for Trump	% Ind for Harris	% Ind for Trump	% GOP for Trump	% GOP for Harris
Party Vote:	0.92	0.03	0.47	0.43	0.9	0.08
Points earned	28.52	0.93	15.51	14.19	32.4	2.88

	Dem	Ind	GOP
Assumed Party ID (Experiment until result matches poll result)	31	33	36

Harris Trump

Vote Totals	46.91	47.52
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	% Dem for Harris	% Dem for Trump	% Ind for Harris	% Ind for Trump	% GOP for Trump	% GOP for Harris
Party Vote:	0.98	0.02	0.5	0.48	0.96	0.04
Points earned	30.38	0.62	16.5	15.84	34.56	1.44

	Dem	Ind	GOP
Assumed Party ID (Experiment until result matches poll result)	31	33	36

Harris Trump

Vote Totals	-	-
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ADJUSTED GENDER ID CALCULATOR

	Women	Men
Gender ID based on Gender Vote	52	48
% Women for Harris	0.55	0.42
% Women for Trump	0.42	0.45
% Men for Harris	0.45	0.54
% Men for Trump	0.54	0.55
Points earned	28.6	21.84
	21.6	25.92

	Women	Men
Assumed Gender ID (Experiment until result matches poll result)	52	48

Vote Totals	-	-
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INFERRED GENDER ID CALCULATOR

	Women	Men
Gender ID based on Gender Vote	52	48
% Women for Harris	0.52	0.47
% Women for Trump	0.47	0.44
% Men for Harris	0.44	0.55
% Men for Trump	0.55	0.52
Points earned	27.04	24.44
	21.12	26.4

	Women	Men
Assumed Gender ID (Experiment until result matches poll result)	52	48

Vote Totals	48.16	50.84
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ADJUSTED EDUCATION ID CALCULATOR

	College Degree or + Degree	No College Degree
Education ID based on education Vote	41	59
% College or + for Harris	0.6	0.38
% College or + for Trump	0.38	0.43
% No Degree for Harris	0.43	0.53
% No Degree for Trump	0.53	0.53
Points earned	24.6	15.58
	25.37	31.27

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

Vote Totals	-	-
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INFERRED EDUCATION ID CALCULATOR

	College Degree or + Degree	No College Degree
Education ID based on education Vote	37	63
% College or + for Harris	0.6	0.38
% College or + for Trump	0.38	0.43
% No Degree for Harris	0.43	0.53
% No Degree for Trump	0.53	0.53
Points earned	22.2	14.06
	27.09	33.39

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

Vote Totals	49.29	47.45
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ADJUSTED RACIAL DEMOS CALCULATOR

	White	Black	Latino	Asian
Racial ID based on Racial Vote	74	2	19	2
% White for Harris	0.39	0.55	0.82	0.12
% White for Trump	0.55	0.82	0.12	0.56
% Black for Harris	0.12	0.56	0.34	0.53
% Black for Trump	0.56	0.34	0.53	0.4
% Latino for Harris	0.82	0.12	0.56	0.4
% Latino for Trump	0.12	0.56	0.34	0.53
% Asian for Harris	0.12	0.56	0.34	0.53
% Asian for Trump	0.56	0.34	0.53	0.4
% Other for Harris	0.42	0.46	0.42	0.46
% Other for Trump	0.46	0.42	0.46	0.42
Points earned	28.86	40.7	1.64	0.24
	10.64	6.46	1.06	0.8
	1.68	1.84		

	White	Black	Latino	Asian	Other
Assumed Racial ID	74	2	19	2	4

Harris Trump

Vote Totals	43.88	50.04
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INFERRED RACIAL DEMOS CALCULATOR

	White	Black	Latino	Asian
Racial ID based on Racial Vote	72	2	20	2
% White for Harris	0.44	0.56	0.85	0.09
% White for Trump	0.56	0.85	0.09	0.56
% Black for Harris	0.09	0.56	0.42	0.52
% Black for Trump	0.56	0.42	0.52	0.42
% Latino for Harris	0.85	0.09	0.56	0.42
% Latino for Trump	0.09	0.56	0.42	0.52
% Asian for Harris	0.09	0.56	0.42	0.52
% Asian for Trump	0.56	0.42	0.52	0.42
% Other for Harris	0.57	0.42	0.52	0.42
% Other for Trump	0.42	0.57	0.42	0.4
Points earned	31.68	40.32	1.7	0.18
	11.2	8.4	1.04	0.84
	2.28	1.6		

	White	Black	Latino	Asian	Other
Assumed Racial ID	72	2	20	2	4

Harris Trump

Vote Totals	-	-
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ADJUSTED AGE ID CALCULATOR

	18-34	35-49	50-64	65+
Age ID	17	16	16	30
2020 Exit Poll	0.47	0.42	0.49	0.43
2020 Exit Poll	0.42	0.49	0.43	0.47
2020 Exit Poll	0.49	0.43	0.47	0.45
2020 Exit Poll	0.43	0.47	0.45	0.5
2024 Poll	0.45	0.5	0.48	0.48
2024 Poll	0.5	0.48	0.48	0.48
2024 Poll	0.48	0.48	0.48	0.48
2024 Poll	0.48	0.48	0.48	0.48
Points earned	7.99	7.14	7.84	6.88
	7.52	7.52	13.5	15
	10.56	10.56		

	18-29	30-39	40-49	50-64	65
Assumed Age ID (Experiment until result matches poll result)	17	16	16	30	22

Harris Trump

Vote Totals	47.41	47.1
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INFERRED AGE ID CALCULATOR

	18-34	35-49	50-64	65+
Age ID	38	38	24	0
18-44	0.58	0.41	0.44	0.55
18-44	0.41	0.44	0.55	0.4
45-64	0.44	0.55	0.4	0.6
45-64	0.55	0.4	0.6	0.42
65+	0.4	0.6	0.42	0.52
65+	0.6	0.42	0.52	0.52
Points earned	22.04	15.58	16.72	20.9
	9.6	14.4	0	0

	18-44	45-64	65+	Must = 100
Assumed Age ID (Experiment until result matches poll result)	38	38	24	0

Harris Trump

Vote Totals	48.36	50.88
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FINAL ADJUSTED VOTE - AVERAGE OF ALL BOLD FACED TOTALS IN CALCULATORS ABOVE

HARRIS	TRUMP
46	48.5

Adjusted Poll Bias Score 0, no bias

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

OVERALL 2024 P-O-L-L BIAS (+ is Dem, - is GOP bias) 0 SCALE>>>

NO SIGNIFICANT BIAS, ACCEPTABLE (0-50)	DEFINITE BIAS, EXCESSIVE (50-100)	SEVERE BIAS (100+)
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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 Values	Dem 2020 Exit Poll	GOP 2020 Exit Poll	Dem 2024 Poll	GOP 2024 Poll (Enter as a negative number)
	31	36	31	36
Party ID Difference	0	0		
Party ID Bias Score (+ is Dem, - is GOP bias)	0			

Gender ID Values	Female 2020 Exit Poll	Male 2020 Exit Poll	Female 2024 Poll	Male 2024 Poll
	52	48	52	48
Gender ID Bias	0	0		
Final Gender ID Bias Score (+ is Dem, - is GOP bias)	0			

Education Values	College Degree or + 2020 Exit Poll	No College Degree or + 2020 Exit Poll	College Degree or + 2024 Poll	No College Degree or + 2024 Poll
	41	59	41	59
Education Bias	0	0		
Education Bias Final Score (+ is Dem, - is GOP bias)	0			

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

Racial ID percentage	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	Asian 2020 Exit Poll	Other	
	74	2	19	2	4	74	2	19	2	4	
Racial Polling Sample Bias	0	0	0	0	0						
Racial Bias Score (+ is Dem, - is GOP bias)	0										

Age ID	18-34	35-49	50-64	65+	18-34	35-49	50-64	65+
Age Bias	23	20	26	31	23	20	26	31
Age Bias	0	0	0	0				
Age Bias Score	0							