

Fabrizio-Anzalone, PA, 9/17-9/24

Poll bias score 156 towards Dems, no bias, include my average.

POLL BIAS CALCULATOR

	Party ID	Gender	Education	Region	Racial Demo	Age Demo
Bias Multiplier (Level of Bias Significance)						
	10		6	6	3	5 5
Bias by Category	40		0	-24	0	110 30
OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)	156 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)	Ind
Party ID Values	40	41	41	38	9
Party ID Difference	1	-3			
Party ID Bias Score (+ is Dem, - is GOP bias)	4				

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

Sheet1

Gender ID Values	53	47	53	47
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 Exit Poll	No College Degree or + 2024 Exit Poll (Enter as a negative number)
Education Values	40	60	38	62
Education Bias	-2	2		
Education Bias Final Score (+ is Dem, - is GOP bias)	-4			

	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	Asian 2020 Exit Poll	Latino 2020 Exit Poll	White 2024 Exit Poll	Black 2024 Exit Poll
Racial ID percentage	81	11	1	5	70	17
Racial Polling Sample Bias	-11	6	8	-3		

Racial Bias
Score (+ is
GOP, - is Dem
bias) **22**

	18-29 Exit Poll	30-49	50-59	60	18-29 Exit Poll	30-49
Age ID	13	29	21	38	0	13 29
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					

	18-35 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	35-49 2024 poll
Age ID	20	21	31	28	0	22 23
Age Bias	2	2	-2	0		
Age Bias Score	6 <<<<<<<<					

	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
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	0	
Age Bias Score	0						

PARTY ID CALCULATOR

Inferred (Most Likely) Party ID Assumed by Pollster	Dem	Ind	GOP
	40	19	41

*Susquehanna provided this party ID ratio on X at <https://x.com/SusquehannaPR/status/1839022895785189579>

	% Dem for Harris	% Dem for Trump	% Ind for Harris	% Ind for Trump	% GOP for Trump	% GOP for Harris
Party Vote:	0.88	0.09	0.49	0.4	0.9	0.06
Points earned	35.2	3.6	9.31	7.6	36.9	2.46

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

Harris Trump

Vote Totals **46.97** **48.1**

GENDER ID CALCULATOR

Gender ID based on Gender Vote

Women	Men
53	47

Gender Vote	% Women for Harris	% Women for Trump	% Men for Harris	% Men for Trump
	0.57	0.38	0.4	0.56
Points earned	30.21	20.14	18.8	26.32

Assumed Gender ID (Experiment until result matches poll result)

Women	Men
53	47

Vote Totals **49.01** **46.46**

EDUCATION ID CALCULATOR

Education ID based on education Vote

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
	0.55	0.4	0.45	0.51
Points earned	22	16	27	30.6

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

	Harris	Trump
Vote Totals	49	46.6

RACIAL DEMOS CALCULATOR

Racial ID based on Racial Vote	White	Black	Latino	Asian
	81	11	1	5

Racial Vote	% White for Harris	% White for Trump	% Black for Harris	% Black for Trump	% Latino for Harris	% Latino for Trump
	0.39	0.57	0.88	0.07	0.514	0.395
Points earned	31.59	46.17	9.68	0.77	0.514	0.395

Assumed Racial ID	White	Black	Latino	Asian
	81	11	1	5
	Harris	Trump		
Vote Totals	43.744	50.375		

AGE ID CALCULATOR, 18-29/30-44/45-64/65+

	18-29	30-44	45-64	65 and over
Age ID	13	23	37	28

	% 18-29 for Harris	% 18-29 for Trump	% 30-44 for Harris	% 30-44 for Trump	% 45-64 for Harris	% 45-64 for Trump
Age Vote	0.453	0.547	0.612	0.363	0.428	0.55
Points earned	5.889	7.111	14.076	8.349	15.836	20.35

	18-29	30-44	45-64	65 and over	Must =
Assumed Age ID (Experiment until result matches poll result)	13	23	37	28	100

	Harris	Trump
Vote Totals	-	-

AGE ID CALCULATOR – 18-34/35-49/50-64/65+

	18-34	35-49	50-64	65	% 50-64 for Harris	% 50-64 for Trump
Age ID	20	21	31	28	0.43	0.53
Age Vote	0.57	0.37	0.52	0.42	0.43	0.53
Points earned	11.4	7.4	10.92	8.82	13.33	16.43

	18-29	30-44	45-64	65 and over	Must =
Assumed Age ID (Experiment until result matches poll result)	20	21	31	28	100

	Harris	Trump
Vote Totals	48.25	47.21

AGE ID CALCULATOR – 18-29/30-49/50-64/65+

Bias Multiplier (Level of Bias Significance) Bias by Category

10 6 6 3 5 5
0 0 0 0 0 0



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)	Ind
Party ID Values	40	41	40	41	9
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	53	47
Gender ID Bias	0	0		
Final Gender ID Bias (+ is Dem, - is GOP bias)	0			

Sheet1

	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	40	60		
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	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	Asian 2020 Exit Poll	Latino 2020 Exit Poll	White 2024 Exit Poll	Black 2024 Exit Poll
Racial ID percentage	81	11	1	5	81	11
Racial Polling Sample Bias	0	0	0	0		
Racial Bias Score (+ is GOP, - is Dem bias)	0					
	18-34 Exit Poll	35-49 Exit Poll	50-64 Exit Poll	65+ Exit Poll	18-34 2024 poll	35-49 2024 poll
Age ID	20	21	31	28	0	20 21
Age Bias	0	0	0	0		

Age Bias Score **0** <<<<<<<<<

	18-29 Exit Poll	30-44 Exit Poll	45-64 Exit Poll	65+ Exit Poll	18-29 2024 Poll	30-44 2024 Poll
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
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
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
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	35-49 2024 poll
Age ID	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
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Sheet1

Age ID	0	0	0	0	0	0	0	0
Age Bias	0	0	0	0	0	0		
Age Bias Score	0							

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

	Party ID	Gender	Education	Region		Racial Demo	Age Demo
Bias Multiplier (Level of Bias Significance)							
Bias by Category	10	6	6	3		5	5
	0	0	0	0		0	0



Midwest 2024 Poll	West 2024 Poll
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Asian 2024 Exit Poll	Latino 2024 Exit Poll
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Sheet1

50-59	60
21	38

45+	n/a
2024	
0	0

45+	n/a
2024	
0	0

65 n/a	
0	0

50-64	65+
2024	2024
poll	poll
29	26

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

	65+ Exit Poll	
50-65	0	0

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

INFERRED PARTY ID CALULATO

Inferred (Most Likely) Party ID Assumed by Pollster	Dem	Ind	GOP
	41	22	38

*Susquehanna provided this party ID ratio on X at <https://x.com/SusquehannaPR/status/1839022895785189>

	% Dem for Harris	% Dem for Trump	% Ind for Harris	% Ind for Trump
Party Vote:	0.88	0.09	0.49	0.4
Points earned	36.08	3.69	10.78	8.8

Assumed Party ID (Experiment until result matches poll result)	Dem	Ind	GOP
	41	22	38

Harris Trump

Vote Totals 49.14 46.69

INFERRED GENDER ID CALCULA

Gender ID based on Gender Vote
 Women **53** Men **47**

Gender Vote	% Women for Harris	% Women for Trump	% Men for Harris	% Men for Trump
	0.57	0.38	0.4	0.56

Points earned 30.21 20.14 18.8 26.32

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

Vote Totals 49.01 46.46

EDUCATION ID CALCULATOR

Education ID based on education Vote
 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
	0.55	0.4	0.45	0.51

Points earned 20.9 15.2 27.9 31.62

	College Degree or +	No College Degree
Assumed Gender ID (Experiment until result matches poll result)	38	62

	Harris	Trump
Vote Totals	48.8	46.82

RACIAL DEMOS CALCULATOR

Racial ID based on Racial Vote	White	Black	Latino	Asian
	70	17	9	2

	% Asian for Harris	% Asian for Trump
	0.392	0.608
	1.96	3.04

Racial Vote	% White for Harris	% White for Trump	% Black for Harris	% Black for Trump
	0.39	0.57	0.88	0.07
Points earned	27.3	39.9	14.96	1.19

Assumed Racial ID	White	Black	Latino	Asian
	70	17	9	2
	Harris	Trump		
Vote Totals	47.67	45.861		

% 65+ for Harris	% 65+ for Trump
0.472	0.527
13.216	14.756

INFERRED AGE ID CALCULATOR

	18-34	35-49	50-64	65
Age ID	22	23	29	26

% 65+ for Harris	% 65+ for Trump
0.45	0.52
12.6	14.56

	% 18-34 for Harris	% 18-34 for Trump	% 35-49 for Harris	% 35-49 for Trump
Age Vote	0.57	0.37	0.52	0.42
Points earned	12.54	8.14	11.96	9.66

	18-29	30-44	45-64	65 and over
Assumed Age ID (Experiment until result matches poll result)	22	23	29	26

	Harris	Trump
Vote Totals	48.67	46.69

% 65+ for Harris	% 65+ for Trump
0.53	0.42
14.84	11.76

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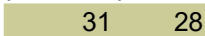
Midwest 2024 Poll	West 2024 Poll
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Asian 2024 Exit Poll	Latino 2024 Exit Poll
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50-64 2024 poll	65+ 2024 poll
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Sheet1

45-64		
2024	65+	
Poll	Poll	
0	0	

45+		
2024	n/a	
0	0	

45+		
2024	n/a	
0	0	

65 n/a		
0	0	

50-64	65+	
2024	2024	
poll	poll	
0	0	

40-49	50-64	
Exit Poll	Exit	
	Poll	65+ Exit Poll

0	0	0
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50-65	65+ Exit Poll	0	0
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45-54	55-64	65+ Exit Poll	0
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	% GOP for Trump	% GOP for Harris
	0.9	0.06
	34.2	2.28

TOR





	% Latino for Harris	% Latino for Trump	% Asian for Harris	% Asian for Trump
	0.514	0.395	0.392	0.608
	4.626	3.555	0.784	1.216



– 18-34/35-49/50-64/65+



	% 50-64 for Harris	% 50-64 for Trump	% 65+ for Harris	% 65+ for Trump
	0.43	0.53	0.45	0.52
	12.47	15.37	11.7	13.52

