Emerson, PA, 9/27-9/28
Poll bias score 3, no bias, included in my averag

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	0	-12	0	0		15	0

OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)	**3** 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	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	52	48

Gender ID Bias	-1	1

Final Gender ID Bias (+ is Dem, - is GOP bias)
-2

	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	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	80	12
Racial Polling Sample Bias	-1	1	1	0		

Racial Bias Score (+ is GOP, - is Dem bias)	**3**

	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**

NO DATA BELOW THIS LINE IS RELEVANT TO THIS POLL

	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	35-49 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	**-17**						

	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**						

PARTY ID CALULATOR

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:	0.944	0.049	0.279	0.656	0.908	0.092
Points earned	37.76	1.96	5.301	12.464	37.228	3.772

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

	Harris	Trump
Vote Totals	**46.833**	**51.652**

GENDER ID CALCULATOR

Gender ID based on Gender Vote

Women	Men
53	**47**
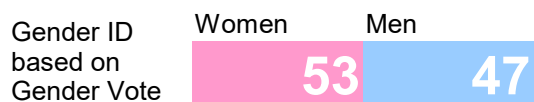
	% Women for Harris	% Women for Trump	% Men for Harris	% Men for Trump
Gender Vote	0.469	0.531	0.483	0.489
Points earned	24.857	28.143	22.701	22.983

This poll did not pr...
ratios for men and...
took the average o...
in Pennsylvania an...
this poll. This is be...
ignoring such a gla...
transparency.

Assumed Gender ID (Experiment until result matches poll result)

Women	Men
53	47
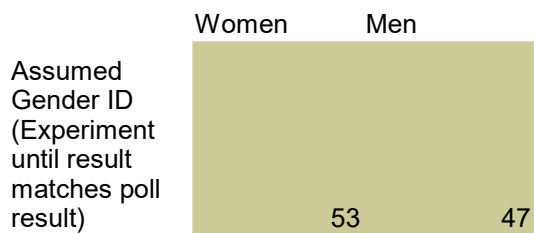
	Harris	Trump
Vote Totals	**47.56**	**51.13**

EDUCATION ID CALCULATOR

Education ID based on education Vote

College Degree or +Degree	No College Degree
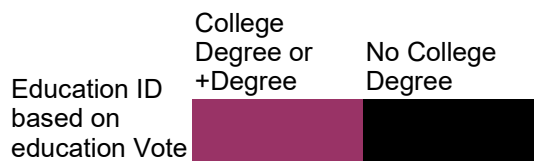
	% College or + for Harris	% College or + for Trump	% No Degree for Harris	% No Degree for Trump
Education Vote	0.598	0.376	0.347	0.652
Points earned	23.92	15.04	20.82	39.12

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

This poll did not pr... ratios for degree h... degree holders, so... average of the oth... Pennsylvania and a... poll. This is better... such a glaring lack... transparency.

	Harris	Trump
Vote Totals	44.74	54.16

RACIAL DEMOS CALCULATOR

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

Racial Vote	% White for Harris	% White for Trump	% Black for Harris	% Black for Trump	% Latino for Harris	% Latino for Trump
	0.473	0.517	0.538	0.462	0.514	0.395
Points earned	38.313	41.877	5.918	5.082	2.57	1.975

Assumed Racial ID	White	Black	Latino	Asian
	81	11	5	5

	Harris	Trump
Vote Totals	48.761	51.974

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 = 100
Assumed Age ID (Experiment until result matches poll result)	13	23	37	28	101

Harris   Trump

Vote Totals   49.017   50.566

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

	18-29	30-44	45-64	65 and over
Age ID	17	21	33	28

	% 18-34 for Harris	% 18-34 for Trump	% 35-49 for Harris	% 35-49 for Trump		% 50-64 for Harris	% 50-64 for Trump
Age Vote	0.58	0.4	0.48	0.48		0.5	0.47
Points earned	9.86	6.8	10.08	10.08		16.5	15.51

	18-29	30-44	45-64	65 and over	Must = 100
Assumed Age ID (Experiment until result matches poll result)	17	21	33	28	99

	Harris	Trump
Vote Totals	n/a	n/a

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

	18-29	30-44	45-64	65 and over
Age ID	13	31	28	28

	% 18-29 for Harris	% 18-29 for Trump	% 30-49 for Harris	% 30-49 for Trump		% 50-64 for Harris	% 50-64 for Trump
Age Vote	0.35	0.61	0.44	0.53		0.37	0.59
Points earned	4.55	7.93	13.64	16.43		10.36	16.52

	18-29	30-44	45-64	65 and over	Must = 100
Assumed Age ID (Experiment until result matches poll result)	13	31	28	28	100

	Harris	**Trump**
Vote Totals	**n/a**	**n/a**

FINAL ADJUSTED VOTE – AVERAGE OF ALL BOLD FACED TOTALS CALCULATORS ABOVE

HARRIS	**TRUMP**	
47.4	**51.7**	**<<<<<<<<<<<<<<<<<<<<<<<**

Atlas Intel, PA, 9/20-9/25

Adjusted Poll Bias Score 0, no bias

ADJUSTING 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

	0	0	0	0	0	0

OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)	0 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	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			

	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	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**					

	18-29 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	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	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	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	0	0	0	0	0	0	0
Age Bias	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
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**

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

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Midwest 2024 Poll	West 2024 Poll

Asian 2024 Exit Poll	Latino 2024 Exit Poll
2	5

50-59	60
21	38

45+ 2024	n/a
0	0

45+ 2024	n/a
0	0

65	n/a
0	0

50-64 2024 poll	65+ 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

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women, so I
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d applied it to
etter than
aring lack of

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

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

% 65+ for Harris	% 65+ for Trump
0.52	0.46
14.56	12.88

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

IN
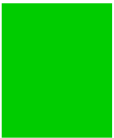
Midwest 2024 Poll	West 2024 Poll

Asian 2024 Exit Poll	Latino 2024 Exit Poll
1	5

45-64 2024 Poll	65+ 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 |

	50-64	
40-49	Exit	
Exit Poll	Poll	65+ Exit Poll
0	0	0

	65+
	Exit
50-65	Poll
0	0

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