# Washington Post, PA, 9/12-9/16
# Bias score 53 toward Dems. Definite and excessive bias, will adjust.

# POLL BIAS CACLULATOR

| | Party ID | Gender | Education | Region | Racial Demo (enter as -) | Age Demo |
|---|---|---|---|---|---|---|
| Bias Multiplier (Level of Bias Significance) | 10 | 7 | 8 | 3 | 6 | 5 |
| Bias by Cateogry | 30 | -7 | 0 | 0 | 0 | 30 |

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

**53** 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 |
|---|---|---|---|---|
| Party ID Values | 40 | 41 | 44 | 42 |
| Party ID Difference | 4 | 1 | | |
| Party ID Bias Score (+ is Dem, - is GOP bias) | **3** | | | |

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

| Final Gender ID Bias (+ is Dem, - is GOP bias) | **-1** |
|---|---|

| | 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 | 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 | Northeast 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 | | | | |

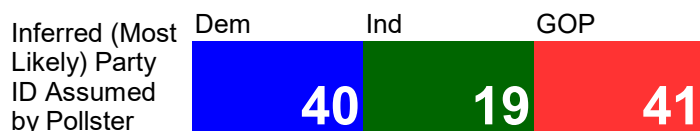| Regional Bias Score (+ is Dem, - is GOP bias) | **0** |
|---|---|

| | White 2020 Exit Poll | Black 2020 Exit Poll | Asian 2020 Exit Poll | Latino 2020 Exit Poll | White 2024 Exit Poll | Black 2024 Exit Poll | Asian 2024 Exit Poll | Latino 2024 Exit Poll |
|---|---|---|---|---|---|---|---|---|
| Racial ID percentage | 81 | 11 | 0 | 5 | 81 | 10 | 2 | 4 |
| Racial Polling Sample Bias | 0 | -1 | 2 | -1 | | | | |

| Racial Bias Score (+ is Dem, - is GOP 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 | 45-64 2024 Poll | 65+ Poll |
|---|---|---|---|---|---|---|---|---|
| Age ID | 13 | 23 | 37 | 28 | 16 | 22 | 33 | 30 |
| Age Bias | 3 | -1 | -4 | 2 | | | | |

| Age Bias Score | 6 |
|---|---|

# PARTY ID CALULATOR

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

| | % Dem for Harris | % Dem for Trump | % Ind for Harris | % Ind for Trump | % GOP for Trump | % GOP for Harris |
|---|---|---|---|---|---|---|
| Party Vote: | 0.92 | 0.07 | 0.46 | 0.45 | 0.9 | 0.07 |
| Points earned | 36.8 | 2.8 | 8.74 | 8.55 | 36.9 | 2.87 |

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

| | Harris | Trump |
|---|---|---|
| Vote Totals | 48.41 | 48.25 |
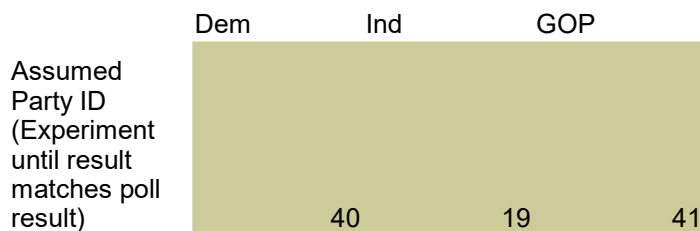
# GENDER ID CALCULATOR

| Gender ID based on Gender Vote | Women | Men |
|---|---|---|
| | 54 | 46 |

| | % Women for Harris | % Women for Trump | % Men for Harris | % Men for Trump |
|---|---|---|---|---|
| Gender Vote | 0.59 | 0.37 | 0.41 | 0.54 |
| Points earned | 31.86 | 19.98 | 18.86 | 24.84 |

| | Women | Men |
|---|---|---|
| Assumed Gender ID (Experiment until result matches poll result) | 54 | 46 |

| | Harris | Trump |
|---|---|---|
| Vote Totals | 50.72 | 44.82 |

# EDUCATION ID CALCULATOR TO DETERMINE ADJUSTED POLL RESULT

| | College Degree or +Degree | No College Degree |
|---|---|---|
| Education ID based on education Vote | | |

| | % White College or + for Harris | % White College or + for Trump | % White No Degree for Harris | % White No Degree for Trump | Inferred % Non-white College or + for Harris | Inferred % Non-White College or + for Trump | Inferred % Non-White No Degree for Harris | Inferred % Non-White No Degree for Trump |
|---|---|---|---|---|---|---|---|---|
| Education Vote | 0.58 | 0.41 | 0.4 | 0.59 | 0.7 | 0.23 | 0.67 | 0.2 |
| Points earned | 20.88 | 14.76 | 18 | 26.55 | 2.8 | 0.92 | 9.38 | 2.8 |

| White College Degree or + | White No College Degree | Non-White College Degree or + | Non-White No Degree |
|---|---|---|---|

| Assumed Education ID (Experiment until result matches poll result) | 36 | 45 | 4 | 14 |
|---|---|---|---|---|

| | Harris | Trump |
|---|---|---|
| Vote Totals | 51.06 | 45.03 |

# RACIAL DEMOS CALCULATOR

| Racial ID based on Racial Vote | White | Black | Latino | Asian |
|---|---|---|---|---|
| | **86** | **14** | **0** | **0** |

| 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 |
|---|---|---|---|---|---|---|---|---|
| | 0.47 | 0.51 | 0.78 | 0.11 | 0 | 0 | 0 | 0 |
| Points earned | 40.42 | 43.86 | 10.92 | 1.54 | 0 | 0 | 0 | 0 |

| Assumed Racial ID | White | Black | Latino | Asian |
|---|---|---|---|---|
| | 86 | 14 | 0 | 0 |

| Vote Totals | Harris | Trump |
|---|---|---|
| | 51.34 | 45.4 |

# AGE ID CALCULATOR

| | 18-29 | 30-44 | 45-64 | 65 and over |
|---|---|---|---|---|
| Age ID | **14** | **22** | **36** | **28** |

| | 2020 Exit Poll | 2020 Exit Poll | 2020 Exit Poll | 2020 Exit Poll | 2024 Poll | 2024 Poll | 2024 Poll | 2024 Poll |
|---|---|---|---|---|---|---|---|---|
| | % 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 |
| Age Vote | 0.53 | 0.43 | 0.45 | 0.46 | 0.45 | 0.51 | 0.51 | 0.45 |
| Points earned | 7.42 | 6.02 | 9.9 | 10.12 | 16.2 | 18.36 | 14.28 | 12.6 |

|  | 18-29 | 30-44 | 45-64 | 65 and over | Must = 100 |
|---|---|---|---|---|---|
| Assumed Age ID (Experiment until result matches poll result) | 14 | 22 | 36 | 28 | 100 |

| | Harris | Trump |
|---|---|---|
| Vote Totals | 47.8 | 47.1 |

## AGE ID CALCULATOR

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

| | 2020 Exit Poll | 2020 Exit Poll | 2020 Exit Poll | 2020 Exit Poll | 2024 Po | 2024 Po | 2024 Poll | 2024 F |
|---|---|---|---|---|---|---|---|---|
| | % 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 |
| Age Vote | 0.531 | 0.421 | 0.531 | 0.421 | 0.465 | 0.523 | 0.496 | 0.5 |
| Points earned | 6.903 | 5.473 | 12.213 | 9.683 | 17.205 | 19.351 | 13.888 | 14 |

|  | 18-29 | 30-44 | 45-64 | 65 and over | Must = 100 |
|---|---|---|---|---|---|
| Assumed Age ID (Experiment until result matches poll result) | 13 | 23 | 37 | 28 | 0 |

| | Harris | Trump |
|---|---|---|
| Vote Totals | 50.209 | 48.507 |

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