### MARIST, PA, 9/12-9/17

## -24, insignificant bias, included in my average POLL BIAS CACLULATOR

|  | Party ID | Gender   | Education           | Region                                     | · .                          | Age<br>Demo |
|--|----------|----------|---------------------|--|------------------------------|-------------|
| Bias Multiplier<br>(Level of Bias<br>Significance)           | 10       | 7        | 8                   | 3  | 6                            | 5           |
| Bias by<br>Cateogry  | 40       | -28      | -48                 | 0  | 12                           | -10         |
| OVERALL<br>2024 POLL<br>BIAS (+ is<br>Dem, - is<br>GOP bias) | -24      | SCALE>>> | MILD BIAS<br>(0-50) | DEFINITE<br>BIAS,<br>EXCESSIVE<br>(50-100) | SEVE<br>RE<br>BIAS<br>(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<br>Exit Poll    | GOP 2020<br>Exit Poll  |    | Dem 2024<br>Poll   |    | GOP 2024<br>Poll  |    |
|--|--------------------------|------------------------|----|--------------------|----|-------------------|----|
| Party ID<br>Values                                     | 4                        | 0                      | 41 |                    | 41 |                   | 38 |
| Party ID<br>Difference                                 |                          | 1                      | -3 |                    |    |                   |    |
| Party ID Bias<br>Score (+ is<br>Dem, - is GOP<br>bias) |                          | Į.                     |    |                    |    |                   |    |
|  | Female 2020<br>Exit Poll | Male 2020<br>Exit Poll |    | Female 202<br>Poll | 24 | Male 2024<br>Poll |    |
| Gender ID<br>Values                                    | 5                        | 3                      | 47 |                    | 51 |                   | 49 |
| Gender ID<br>Bias                                      | -                        | 2                      | 2  |                    |    |                   |    |

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

|   |    | No College<br>Degree or +<br>2020 Exit Poll |    | No College<br>Degree or +<br>2024 Poll |
|---|----|---|----|--|
| Education<br>Values   | 40 | 60  | 37 | 63                                     |
| Education Bias  | -3 | 3   |    |  |
| Education Bias<br>Final Score (+<br>is Dem, - is<br>GOP bias) | -6 |   |    |  |

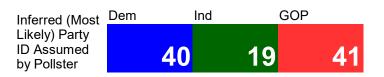
|                                       | Northeast<br>2020 Exit Poll | South 2020<br>Exit Poll | Midwest 202<br>Exit Poll | 20 West 2020<br>Exit Poll | North-<br>east<br>2024<br>Poll | South<br>2024<br>Poll | Midwest<br>2024<br>Poll | West<br>2024<br>Poll |
|---------------------------------------|-----------------------------|-------------------------|--------------------------|---------------------------|--------------------------------|-----------------------|-------------------------|----------------------|
| Regional<br>Values<br>(national polls |                             |                         |                          |                           |                                |                       |                         |                      |
| ònly)<br>Regional Bias                |                             |                         |                          |                           |                                |                       |                         |                      |
| (National Polls<br>Only)              | C                           |                         | 0                        | 0                         | 0                              |                       |                         |                      |
| Regional Bias<br>Score (+ is          |                             |                         | 0                        | 0                         | 0                              |                       |                         |                      |
| Dem, - Ìs GOP<br>bias)                | 0                           |                         |                          |                           |                                |                       |                         |                      |

|                               | White 2020<br>Exit Poll | Black 2020<br>Exit Poll | ) Asian 2020<br>Exit Poll | Latino 2020<br>Exit Poll | Wh<br>202<br>) Exit<br>Pol | 24 202<br>t Exit | 4 Asia<br>202 | o<br>an 2 | 024<br>Exit |
|-------------------------------|-------------------------|-------------------------|---------------------------|--------------------------|----------------------------|------------------|---------------|-----------|-------------|
| Racial ID<br>percentage       | 8                       | 1                       | 11                        | 1                        | 5                          | 78               | 10            | 1         | 5           |
| Racial Polling<br>Sample Bias | -                       | 3                       | -1                        | 0                        | 0                          |                  |               |           |             |

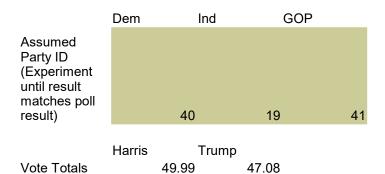
| Racial Bias   |   |
|---------------|---|
| Score (+ is   |   |
| Dem, - is GOP | 0 |
| bias)         | Z |

|                   | 18-29 Exit<br>Poll | 30-44 Exit<br>Poll | 45-64 Ex<br>Poll |    | 65+ Exit Poll | 18-29<br>2024<br>Poll | 30-44<br>2024<br>Poll | 45-64<br>2024<br>Poll | 65<br>Pc |    |
|-------------------|--------------------|--------------------|------------------|----|---------------|-----------------------|-----------------------|-----------------------|----------|----|
| Age ID            | 1                  | 3                  | 23               | 37 | 28            | 16                    | 6 2                   | 6                     | 33       | 24 |
| Age Bias          |                    | 3                  | 3                | -4 | -4            |                       |                       |                       |          |    |
| Age Bias<br>Score | -2                 | 2                  |                  |    |               |                       |                       |                       |          |    |

# **PARTY ID CALULATOR**

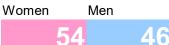


|               | % Dem for<br>Harris | % Dem for<br>Trump | % Ind for<br>Harris | % Ind for<br>Trump | %<br>GOP<br>for<br>Trump | % GOP<br>for<br>Harris |
|---------------|---------------------|--------------------|---------------------|--------------------|--------------------------|------------------------|
| Party Vote:   | 0.95                | 0.04               | 0.48                | 3 0.43             | 0.91                     | 0.07                   |
| Points earned | 38                  | 3 1.6              | 9.12                | 2 8.17             | 37.31                    | 2.87                   |



**GENDER ID CALCULATOR** 

Gender ID based on Gender Vote



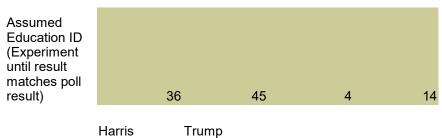
|  | % Women<br>Harris | for % Won<br>Trump | nen for | % Men for<br>Harris | % Men for<br>Trump |
|--|-------------------|--------------------|---------|---------------------|--------------------|
| Gender Vote  | 0                 | .59                | 0.37    | 0.41                | 0.54               |
| Points earned  | 31                | .86                | 19.98   | 18.86               | 24.84              |
|  | Women             | Men                |         |                     |                    |
| Assumed<br>Gender ID<br>(Experiment<br>until result<br>matches poll<br>result) |                   | 54                 | 46      |                     |                    |
| Vote Totals  | Harris<br>50      | Trump<br>.72       | 44.82   |                     |                    |

## **EDUCATION ID CALCULATOR TO DETERMINE ADJUSTED POLL RESULT**



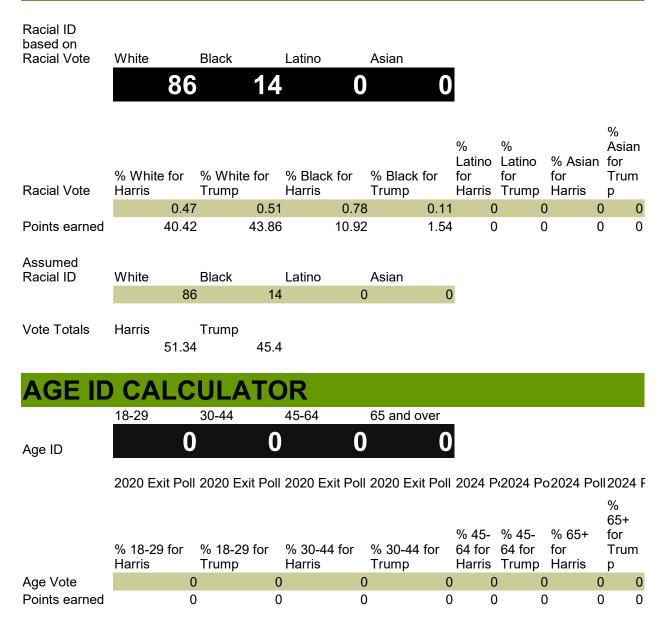
|                   |                                       |                                      |                                     |                                   | Inferre<br>d  | Inferre<br>d                     | Inferred   | Inferr<br>ed  |
|-------------------|---------------------------------------|--------------------------------------|-------------------------------------|-----------------------------------|---------------|----------------------------------|--|---|
|                   | % White<br>College or +<br>for Harris | % White<br>College or +<br>for Trump | % White No<br>Degree for<br>Harris  | % White No<br>Degree for<br>Trump | e or +<br>for | White<br>Colleg<br>e or +<br>for | % Non-<br>White<br>No<br>Degree<br>for<br>Harris | %<br>Non-<br>Whit<br>e No<br>Degr<br>ee<br>for<br>Trum<br>p |
| Education<br>Vote | 0.58                                  | 3 0.41                               | l 0.4                               | 0.59                              | 0.7           | 0.23                             | 0.67   | 0.2   |
| Points earned     | 20.88                                 | 3 14.76                              | 6 18                                | 3 26.55                           | 2.8           | 0.92                             | 9.38   | 2.8   |
|                   | White<br>College<br>Degree or +       | White No<br>College<br>Degree        | Non-White<br>College<br>Degree or + | Non-White<br>No Degree            |               |                                  |  |   |

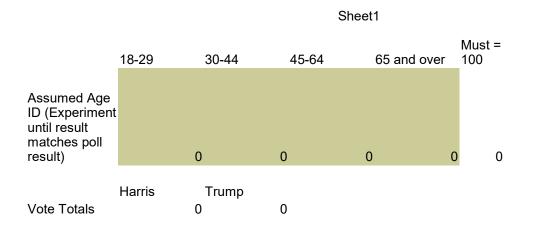
| or + | Degree | Degree or + | No Degree |
|------|--------|-------------|-----------|



Vote Totals 51.06 45.03

## **RACIAL DEMOS CALCULATOR**





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