

High School Athletics and Greek Life

Research Question:

Do students who participated in sports in High School tend to join Greek Life at a higher rate than non-athletes?

Sampling Design:

2001 Harvard School of Public Health
College Alcohol Study

Surveyed 10,904 undergraduate students
at 119 4-year universities in the United
States

Collected information on a wide-range
of topics

Data:

Only 10,453 of the observations could be
used

Findings

Results:

Found using post stratification methods

$$\widehat{p_{Varsity}} = 0.1615$$

$$\widehat{p_{JV}} = 0.1053$$

$$\widehat{p_{Non-athlete}} = 0.0810$$

$$\widehat{p_{post}} = 0.1250$$

$$95\% \text{ CI: } (0.1187, 0.1313)$$

Students who were varsity athletes in high school are about 2 times more likely to join Greek life than non athletes.

It's estimated that about 12.5% of all US students at 4 year universities are a part of Greek life