



191 Sustainability PULSE Survey: Literary Frequencies

Penn State Pulse Survey (IRB# 00013154)

The following table presents results from the Sustainability Literary Items by Class Year.

Sample sizes by class year

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First-year	252
Second year	157
Third year	279
Fourth year	189
Graduate/professional	324

Overall scores by class year

	% correct
First-year	73.1
Second year	75.3
Third year	76.2
Fourth year	84.5
Graduate/professional	88.9

Note. The percentages are average number of correct responses by class year.

There is a significant difference between sustainability literacy by class year ($F=21.464, p<.001$). On average, the literacy of fourth year and graduate/professional students are significantly higher than first-year, second year, and third-year students. However, the average literacy is not significantly different between fourth year and graduate/professional students. Therefore, results suggest that sustainability literacy increases significantly by class year for undergraduate students.