

Problem Statement:

WPI does not adequately educate freshman on sustainable practices, causing a large amount of food waste.

Solution:

Teach freshmen about food waste so they can make sustainable decisions.

- **Surveys** → Qualitative Data
 - **Activity**
 - **Handout**
- } Educational

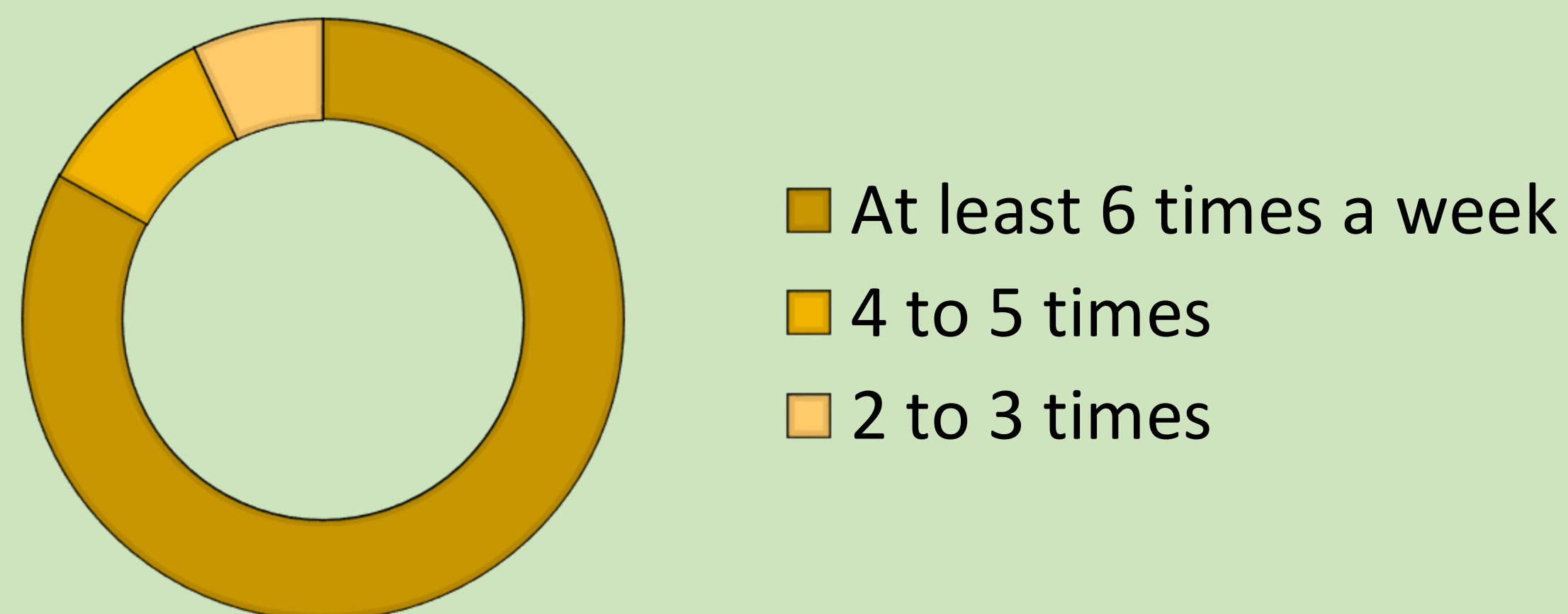
Approach:

Survey 1:
Self-reflection & Factual knowledge

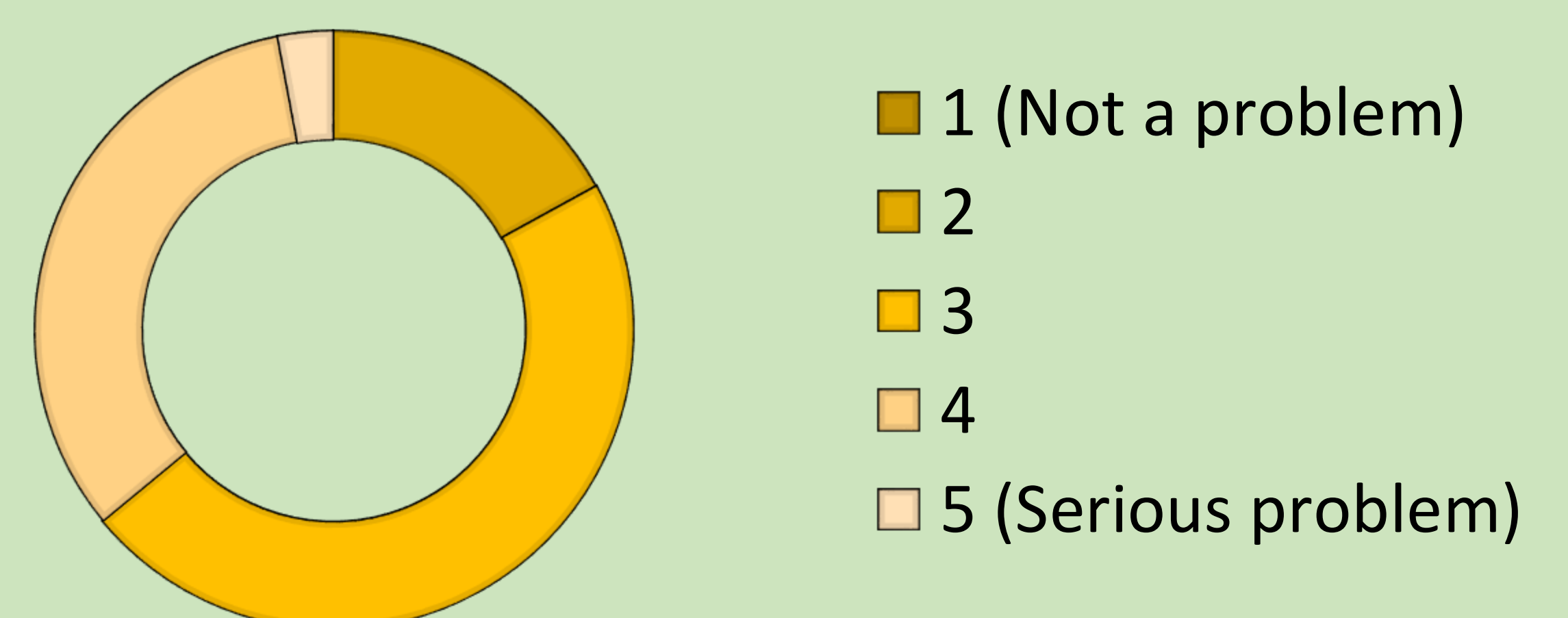
Activity: Kahoot!
Factual Knowledge

Survey 2:
Detects change in mindset
Self-reflection

How often survey participants eat at WPI dining halls

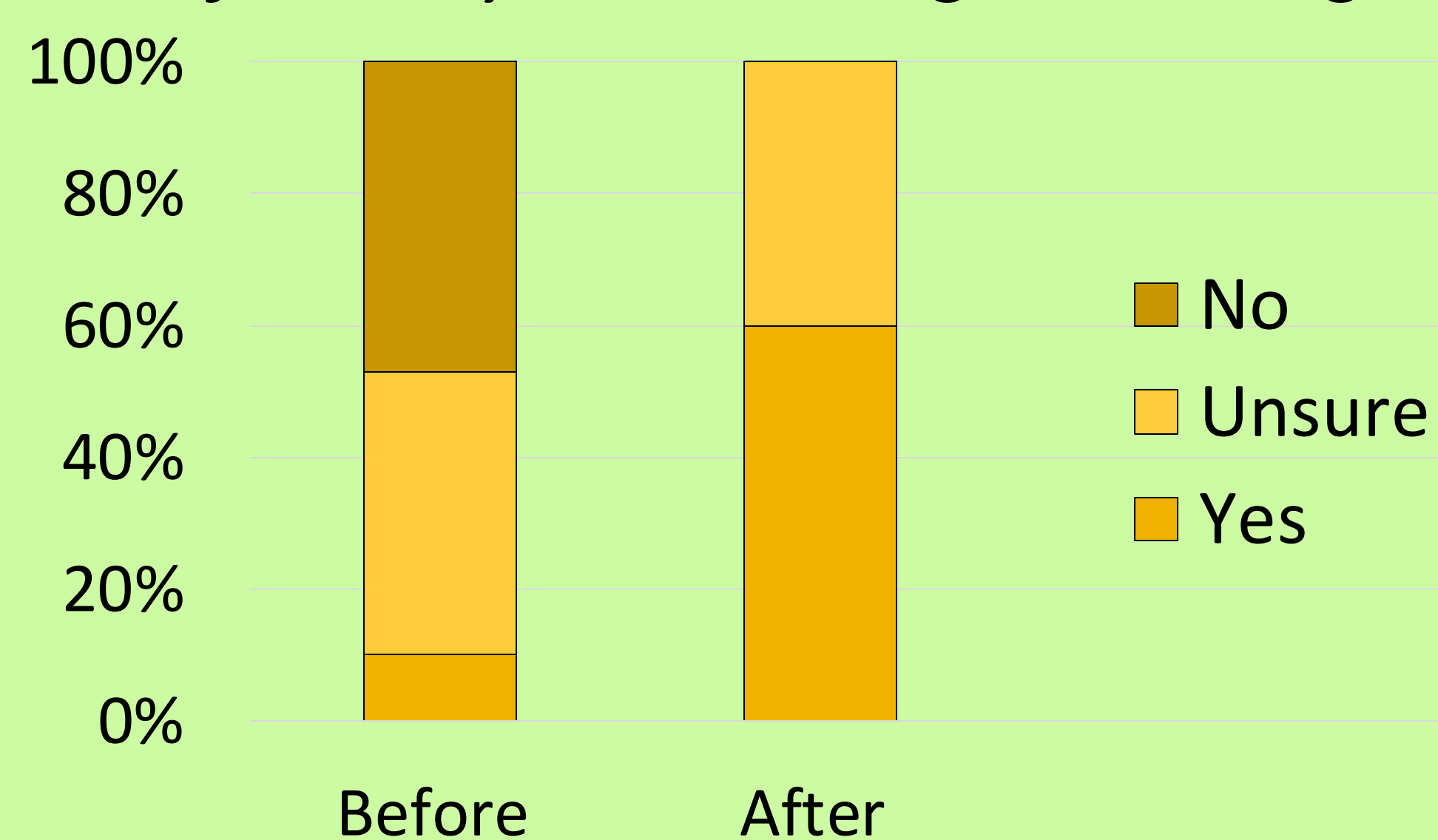


How much of a problem students think food waste is at WPI

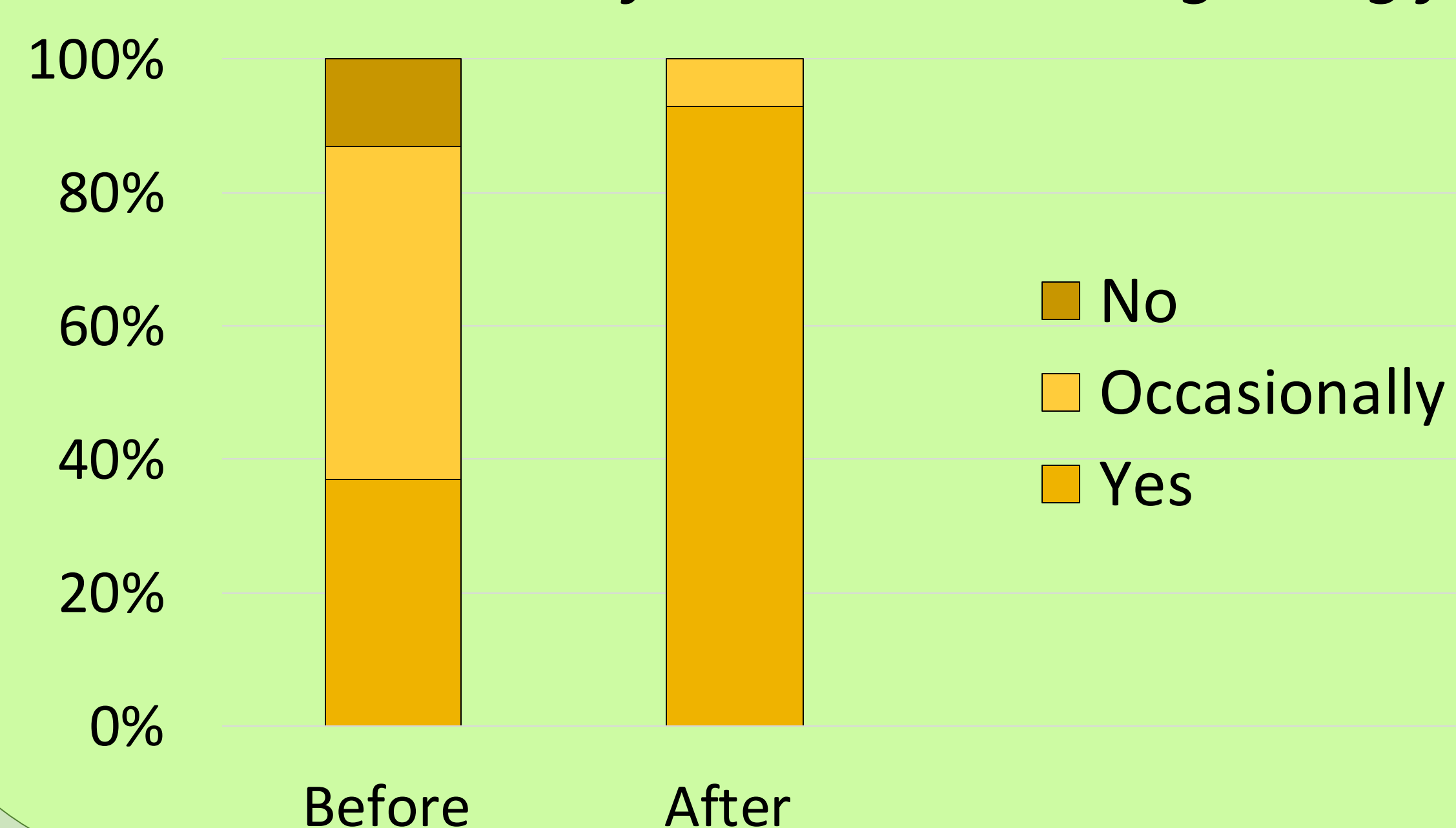


Results:

Students feel they have been given enough information



Students consider food waste when getting food



Outcome:

Short term:

Freshmen with a more sustainable outlook

Long term:

Freshmen Insight Groups adopt our activity

Acknowledgements

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(1) Vogliano, C., & Brown, K. (2016). *The State of America's Wasted Food & Opportunities to Make a Difference* (pp. 1-24, Rep.). Academy of Nutrition and Dietetics. Doi: <https://eatrightfoundation.org/wp-content/uploads/2016/09/The-State-of-Americas-Food-Waste-Report.pdf> (2) King, V., Arce, S., Hamady, C., & Blachowski-Dreyer, D. (2018). Evaluating Students Knowledge of Food Waste and Food Insecurity on College Campuses. *Journal of the Academy of Nutrition and Dietetics*, 118(9). doi:10.1016/j.jand.2018.06.126 (3) Smyth, D. P., Fredeen, A. L., & Booth, A. L. (2010). Reducing solid waste in higher education: The first step towards 'greening' a university campus. *Resources, Conservation and Recycling*, 54(11), 1007-1016. doi:10.1016/j.resconrec.2010.02.008