Assessing Food Insecurity in Higher Education

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**Introduction**

Up until somewhat recently, college students have been largely overlooked in the food security literature. Despite their status as legal adults, they are often outliers in the estimated levels of adult (11.5%) food insecurity in the U.S.1 College students who are moving into more independent living situations may struggle with the transition to college, including providing their own food. Additionally, college students are often enrolled full time in classes, making it difficult for them to work enough to pay for their schooling, housing, and of course, their food. Despite their unique and challenging food situation, they are often not eligible for food assistance such as SNAP. Because of the new and unique situations college students are in, it is especially important to understand the struggles they face in obtaining food and the outcomes that are associated with low levels of food security.

**What is food insecurity?**

Food security exists when all people in a community, at all times, have physical and economic access to sufficient, safe, and nutritious food that meets their dietary needs and food preferences for an active and healthy life.2 The following components of food security are widely accepted and are used to frame this survey tool3:

* **Food availability:** The “supply side” of food security. Determined by the level of food production, stock levels, and net trade. It is generally not in the control of students.
* **Food access:** Whether a household or individual has adequate means to obtain food(s) for a nutritious diet and is the result of income plus the cost of and physical access to food.
* **Food utilization:** Whether the food being consumed promotes physiological health and a state of wellbeing.
* **Stability:** Whether there is consistent and adequate availability, access, and utilization.

**Studying Food Insecurity of College Students**

Food Security Outcomes

The most common approach for measuring food security in the U.S. has been the USDA Adult Food Security Survey Module4 which focuses primarily on food access; while there are indirect references to some of the other food security components, they are not explicitly measured. The USDA survey has been widely used; one review identified 59 such food security studies of university students with food insecurity averages based on studies in “gray” literature of 36% and peer reviewed literature of 42%.5 The survey is available in various lengths: a 6-item, a 10-item, and an 18-item module and can be adapted to reflect appropriate recall periods to ensure a more accurate reflection of the students experience with food during their time living at college.6 Some studies report that different versions of the USDA survey in universities settings generated different results, with the shorter versions of the module and those which reference shorter time periods yielding higher food insecurity rates. 7 However, because shorter survey versions reduce the burden placed on participants, most college food insecurity studies have utilized either the 6-item or 10-item version. At the time this survey was first distributed, this variability was not known, and to reduce participant burden, we utilized the 6-item module.

Given that every university will have food insecure students, we see a need to sample and collect data from undergraduate and graduate students to examine multiple elements of food security by measuring food access *and* food utilization. A broader measure of food insecurity supports a more accurate understanding of the student food experience. Overall, research about food security in universities has focused largely on food access as per the USDA measures (although uncertainty remains, as outlined above) and does not equally integrate the food utilization component of food security.8–10 Food utilization concerns the nutritional and social value of food; it recognizes that while someone may consume enough calories, it is also important that food meets dietary and cultural needs. Therefore, we include questions about food utilization as per perceptions of nutrition and health and cooking skill/frequency in our study in addition to food access characteristics as we explore food insecurity to support effective solutions for undergraduate and graduate students.

Food Security Drivers

Generally, households and individuals from racial or ethnic minorities, households headed by single parents, and those who are lower income tend to be food insecure. Because race/ethnicity, marital status, parental status, and family finances are important factors in general U.S. food insecurity, 11 we included these questions in our survey to identify similarities and differences among college students and the general U.S. population. Additionally, as we recognize that college student populations are not homogenous, and minimal research has identified differences among students at Characteristics various degree stages12–14 we use the survey to identify degree stage (primarily, undergraduate and graduate). Variables that are shown to influence food security (and thus included in the survey, as per the table) are living situation15, cooking

|  |  |
| --- | --- |
| Characteristics | Survey Question # |
| Degree progress | Q1 |
| Housing | Q2 |
| Food Security | Q3-8 |
| Financial strain | Q9-10 |
| Food: before college | Q11-Q13 |
| Food: during college | Q14-26 |
| Confidence in meal preparation | Q27 |
| Resource adequacy | Q28 |
| Perceived diet health | Q29 |
| Well-being | Q30 |
| Food resources | Q31 |
| College/department | Q32 |
| GPA | Q33 |
| Employment | Q34-Q35 |
| Demographics | Q36-Q41 |

skills/frequency16,17 resource adequacy18, employment 19,20 meal plan21, and budgeting16 as all can greatly impact a student’s ability to obtain and prepare food that meets their needs and preferences.

**Editing the survey**

This survey was originally created to evaluate food security among undergraduate and graduate students at Michigan State University before the COVID-19 pandemic. We recommend evaluators consider adapting this tool to accommodate their target population while also considering the changes in university food systems and policies that have been made in light of the pandemic. We include the full survey, along with display logic, at the end of this guide. While the whole survey will need considering from your context, there are some questions (15-17, 21, 25, 32 & 42) which specifically reference resources at and around the university and will need to be adapted.

The survey at the end of this report can be pasted into a word document and edited. Once the edits are complete, the word document can be imported directly to Qualtrics (see additional instructions [here](https://www.qualtrics.com/support/survey-platform/survey-module/survey-tools/import-and-export-surveys/#ImportTXTDoc)).

**Sampling strategy**

Except for a few written response feedback at the end, most of the questions in our survey were closed to ease burden on the respondent. For this type of study, it is best to use random sampling to be representative of the student population and for sufficient statistical power. This is most easily done though a sample of undergraduate and graduate student university emails that links to an online version of the survey. It is helpful to send follow up reminders to students who have not yet participated to increase participant response rate.

**Analysis**

Once the survey has been closed, a document with all of the data is available for download in Qualtrics and can be analyzed using any common statistical software (ex. SPSS, R). From this data, descriptive statistics can be generated as well as more complex analysis. Evaluators should consider the type of analysis they would like to do as they adapt the survey so the data is in a form that can readily meet their needs. Additionally, the USDA Household Survey Module scoring guidelines should be used to compute food security scores and maintain consistency with other food security studies.

**Summary**

This report outlines a survey to ask about undergraduate and graduate students’ ability to access and utilize food and the relevant demographic and socio-economic drivers. The survey should be adapted to the context of the university and its knowledge gaps as the goal is to foster better informed university policies for addressing undergraduate and graduate student barriers to food security. This more comprehensive approach to improving food utilization and access may drive improved academic outcomes22 and student wellbeing23 in higher education.

**Recommended citation:** Brandhorst, S., Hodbod., J. & Kaplowitz, K. (2021). Assessing Food Insecurity in Higher Education. East Lansing, MI: Department of Community Sustainability, Michigan State University.

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**College Food Security Survey**

**[YOUR UNIVERSITY] Campus Food (In)Security Study**

You are invited to participate in a research study of [YOUR UNIVERSITY] students and their food security - the food availability and choices of [YOUR UNIVERSITY] students. You have been selected as part of a scientific sample to take this online survey. Your responses are important to help accurately reflect [YOUR UNIVERSITY] student experience.

Your participation is voluntary, and your responses are confidential. Your privacy will be protected to the maximum extent permitted by law. You can skip any question you do not wish to answer with two exceptions for survey programing purposes - one asks whether you are an undergraduate or a graduate student and the other asks if you live on-campus or off-campus during the school year. You may withdraw from this study at any time.

If you have concerns or questions about this study, please contact [YOUR CONTACT INFORMATION]

**Please click the 'button/bar' below to consent and participate.**

Thank you.

* I consent to participate (1)

Display This Question:

If [YOUR UNIVERSITY] Campus Food (In)Security Study You are invited to participate in a research... = I consent to participate

Q1 What year are you in college?

* First year undergraduate (1)
* Second year undergraduate (2)
* Third year undergraduate (3)
* Fourth year undergraduate (4)
* Fifth year undergraduate or above (5)
* Graduate student (6)
* Other (7) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Q2 Current living arrangement during the school year:

* Residence Hall (4)
* Off campus with family (3)
* Fraternity/sorority house (5)
* Co-op housing (7)
* Off campus alone (1)
* Off campus with roommates/housemates (2)
* Other (6) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Q3 **DURING [INSERT APPROPRIATE RECALL TIME]**, for you/your household, how often was it that:

The food that (I/we) bought just didn't last, and (I/we) didn't have money to get more.

* Often true (1)
* Sometimes true (2)
* Never true (3)
* Don't know (4)
* Don't want to answer (5)

Q4 DURING [INSERT APPROPRIATE RECALL TIME], for you/your household, how often was it that:

(I/we) couldn't afford to eat balanced meals.

* Often true (1)
* Sometimes true (2)
* Never true (3)
* Don't know (4)
* Don't want to answer (5)

Q5 DURING [INSERT APPROPRIATE RECALL TIME], for you/your household, how often:

Did (you/other adults in your household) ever cut the size of your meals or skip meals because there wasn't enough money for food?

* Yes (1)
* No (2)
* Don't know (3)

Display This Question:

If DURING [INSERT APPROPRIATE RECALL TIME], for you/your household, how often: Did (you/other adul... = Yes

Q6 If yes, how often did this happen?

* Almost every month (1)
* Some months but not every month (2)
* Only 1 or 2 months (3)
* Don't know (4)

Display This Question:

If DURING [INSERT APPROPRIATE RECALL TIME], for you/your household, how often: Did (you/other adul... = Yes

Q7 DURING [INSERT APPROPRIATE RECALL TIME], for you/your household, how often:

Did you ever eat less than you felt you should because there wasn't enough money for food?

* Yes (1)
* No (2)
* Don't know (3)

Display This Question:

If DURING [INSERT APPROPRIATE RECALL TIME], for you/your household, how often: Did (you/other adul... = Yes

Q8
DURING [INSERT APPROPRIATE RECALL TIME], for you/your household, how often was it that:

Were you ever hungry but didn't eat because there wasn't enough money for food?

* Yes (1)
* No (2)
* Don't know (3)

Q9 **DURING [INSERT APPROPRIATE RECALL TIME]:**

 Were you worried that you were not going to be able to pay for all of the expenses associated with school?

* Yes (1)
* No (2)

Display This Question:

If DURING [INSERT APPROPRIATE RECALL TIME]:Were you worried that you were not going to be able to pa... = Yes

Q10 What were the school expenses you were worried most about?
(Check all that apply)

* Tuition (1)
* Housing (2)
* Food (10)
* Books and materials (3)
* Health-related costs (6)
* Social activity (7)
* Regular bills and payments (i.e. cell phone, car insurance) (8)
* Other (5) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Q11 As you answer the next series of questions, please reflect on your **TIME BEFORE COLLEGE**and refer to the following definitions: **Home cooked:**A meal that I/my household make(s) from mostly individual ingredients (e.g., soup from vegetables, pasta, and broth). **Prepared:**A product that I/my household heat(s) or serve(s) that has been prepared by others (e.g., canned soup, microwave dishes, Poptarts, frozen pizza, ramen noodles, etc.). **Eating out/ordering in:**A meal that I/my household purchase(s) that is prepared by others and that is ready to eat when it is picked-up, delivered, or served (e.g., sit-down restaurants, fast food, restaurant delivery, etc.).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Almost always (1) | Often (2) | Sometimes (3) | Rarely (4) | Never (5) |
| How often did you eat home cooked meals? (1)  |  |  |  |  |  |
| How often did you eat prepared meals? (2)  |  |  |  |  |  |
| How often did you eat out/order in? (3)  |  |  |  |  |  |

Q12 **Before your time at college**, did your family/household receive food assistance?
 (e.g., SNAP, food stamps, food bank, etc.)

* Yes (1)
* No (2)
* Unsure (3)

Display This Question:

If Before your time at college, did your family/household receive food assistance? (e.g., SNAP, food... = Yes

Q13 What kind of food assistance did your family/household receive?
(Check all that apply)

* SNAP (food stamps) (3)
* WIC (4)
* Food Bank (1)
* Other (5) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Q14 Do you have a meal plan for on-campus dining?

* Yes (1)
* No (2)

Display This Question:

If Do you have a meal plan for on-campus dining? = Yes

Or Do you have a meal plan for on-campus dining? != Yes

And Do you have a meal plan for on-campus dining? != No

Q15 Which of the following best describes your on-campus meal plan?

* I have a "Dineon" Silver, Gold, or Platinum on-campus meal plan (3)
* I have a "Dineon" Owen Hall meal plan (2)
* I have a "Dineon" 10+ meal plan (4)
* I don't know (8)

Display This Question:

If Do you have a meal plan for on-campus dining? = No

Or Which of the following best describes your on-campus meal plan? = I have a "Dineon" 10+ meal plan

Q16 On average, how many meal swipes do you purchase each semester?
(Include all swipes purchased during the semester - initial swipes purchased and additional swipes purchased)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 40 | 80 | 120 | 160 | 200 |

|  |  |
| --- | --- |
| Swipes () |  |

Display This Question:

If Which of the following best describes your on-campus meal plan? = I have a "Dineon" Owen Hall meal plan

Or Which of the following best describes your on-campus meal plan? = I don't know

Or Which of the following best describes your on-campus meal plan? != I have a "Dineon" Silver, Gold, or Platinum on-campus meal plan

And Which of the following best describes your on-campus meal plan? != I have a "Dineon" Owen Hall meal plan

And Which of the following best describes your on-campus meal plan? != I have a "Dineon" 10+ meal plan

And Which of the following best describes your on-campus meal plan? != I don't know

And Do you have a meal plan for on-campus dining? != No

Q17 On average, how many meal swipes do purchase each semester in addition a meal plan you may have?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 40 | 80 | 120 | 160 | 200 |

|  |  |
| --- | --- |
| Swipes () |  |

|  |  |
| --- | --- |
| Page Break |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Almost always (1) | Often (2) | Sometimes (3) | Rarely (4) | Never (5) |
| How often do you eat on campus at an [INSERT UNIVERSITY] dining hall? (9)  |  |  |  |  |  |
| How often do you eat home cooked meals? (1)  |  |  |  |  |  |
| How often do you eat prepared meals? (3)  |  |  |  |  |  |
| How often do you eat out or order in? (5)  |  |  |  |  |  |
| When shopping for food, how often do you decide ahead of time how much money you are going to spend? (7)  |  |  |  |  |  |
| When shopping for food, how often do you keep track of your expenditures? (8)  |  |  |  |  |  |

8 As you answer the next series of questions, please reflect on your **CURRENT SITUATION DURING THIS ACADEMIC YEAR** and refer to the following definitions:

**Home cooked:**A meal that I/my household make(s) from mostly individual ingredients (e.g., soup from vegetables, pasta, and broth).

**Prepared:**A product that I/my household heat(s) or serve(s) that has been prepared by others (e.g., canned soup, microwave dishes, Poptarts, frozen pizza, ramen noodles, etc.).

**Eating out/ordering in:**A meal that I/my household purchase(s) that is prepared by others and that is ready to eat when it is picked-up, delivered, or served (e.g., sit-down restaurants, fast food, restaurant delivery, etc.).

**Dining/Residence Hall:** I visit a dining hall on campus to eat a meal that I assemble or is prepared by others.

|  |  |
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| Page Break |  |

Q19 As you answer the next series of questions, please reflect on your CURRENT SITUATION DURING THIS ACADEMIC YEAR and refer to the following definitions:

**Home cooked**: A meal that I/my household make(s) from mostly individual ingredients (e.g., soup from vegetables, pasta, and broth).

**Prepared**: A product that I/my household heat(s) or serve(s) that has been prepared by others (e.g., canned soup, microwave dishes, Poptarts, frozen pizza, ramen noodles, etc.).

**Eating out/ordering in**: A meal that I/my household purchase(s) that is prepared by others and that is ready to eat when it is picked-up, delivered, or served (e.g., sit-down restaurants, fast food, restaurant delivery, etc.).

**Dining/Residence Hall**: I visit a dining hall on campus to eat a meal that I assemble or is prepared by others.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Eaten in Dining/Residence Hall (15) | Home cooked (1) | A prepared meal (6) | Eaten out/ ordered in (5) | Not eaten/Missed (8) |
| My BREAKFAST is most often: (1)  |  |  |  |  |  |
| My LUNCH is most often: (2)  |  |  |  |  |  |
| My DINNER is most often: (5)  |  |  |  |  |  |

Q20 Do you currently receive food assistance?
 (e.g., SNAP, food stamps, visit a food bank, etc.)

* Yes (1)
* No (2)
* Unsure (3)

Display This Question:

If Do you currently receive food assistance?(e.g., SNAP, food stamps, visit a food bank, etc.) = Yes

Q21 What type(s) of food assistance do you receive?
(Check all that apply)

* [INSERT UNIVERSITY] Food Bank (1)
* Other Food Bank (2)
* SNAP (food stamps) (3)
* WIC (4)
* Other (5) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* I don't know (6)

|  |  |
| --- | --- |
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Q21 Where do you buy **most** of your groceries?
 (i.e., ingredients for meals, prepared meals, fruit, snacks, etc.)

 (Select all that apply)

* Aldi (5)
* Costco (6)
* Fresh Thyme (15)
* Horrocks (9)
* Kroger (Frandor) (10)
* Kroger (Okemos) (11)
* Meijer (Lake Lansing) (1)
* Meijer (Grand River) (2)
* Neighborhood convenience store (not QD or 7-11) (14)
* Sparty's Market (8)
* Walmart (Okemos) (4)
* Whole Foods (7)
* Quality Dairy (QD) (12)
* 7-11 (13)
* Other (16) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Display This Question:

If Do you have a meal plan for on-campus dining? = No

Q22 How much money, on average, do you spend each week on groceries?
 (i.e,. ingredients for meals, prepared meals, and snacks)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 0 | 50 | 100 | 150 | 200 |

|  |  |
| --- | --- |
| $ Spent () |  |

Display This Question:

If Do you have a meal plan for on-campus dining? = Yes

Q23 How much money, on average, do you spend each week on groceries in addition to your meal plan?
 (i.e., ingredients for meals, prepared meals, and snacks)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 0 | 50 | 100 | 150 | 200 |

|  |  |
| --- | --- |
| $ Spent () |  |

Q24 How much money, on average, do you spend each week eating out/ordering in?

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 0 | 50 | 100 | 150 | 200 |

|  |  |
| --- | --- |
| $ Spent () |  |

Q25 Of the money you spend eating out/ordering in, what percentage do you spend at **on-campus establishments?**
 (i.e., [INSERT UNIVERSITY EXAMPLES)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 0 | 25 | 50 | 75 | 100 |

|  |  |
| --- | --- |
| % Spent () |  |

Q26 What factors influence your decision to eat out/order in?

*Please move the items below into a rank order from 1 to 6, with 1 for the greatest influence, and 6 for the least influence.*

\_\_\_\_\_\_ To spend time with friends/family (1)

\_\_\_\_\_\_ It is convenient (2)

\_\_\_\_\_\_ I don't like cooking (3)

\_\_\_\_\_\_ I don't know how to cook (4)

\_\_\_\_\_\_ Cravings for specific foods (5)

\_\_\_\_\_\_ Other (6)

|  |  |
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Q27 Indicate your level of confidence about each of the following statements:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Very confident (1) | Confident (2) | Moderately confident (3) | Not very confident (4) | Not confident at all (5) |
| I know what a nutritious meal is (1)  |  |  |  |  |  |
| I can cook a nutritious meal (2)  |  |  |  |  |  |
| I can cook a nutritious meal in a short amount of time (3)  |  |  |  |  |  |
| I can order a nutritious meal from a restaurant (4)  |  |  |  |  |  |

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Q28 How would you rate the adequacy of the following items:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Very adequate (1) | Adequate (2) | Sometimes adequate/ Sometimes inadequate (5) | Inadequate (3) | Very inadequate (4) |
| Your cooking skills (1)  |  |  |  |  |  |
| Your money to buy food (2)  |  |  |  |  |  |
| Your access to a kitchen (6)  |  |  |  |  |  |
| Your appliances and utensils for food preparation (3)  |  |  |  |  |  |
| Affordable fruit & vegetable selection within walking distance from school-year home (4)  |  |  |  |  |  |
| Time available for you to prepare food (5)  |  |  |  |  |  |

|  |  |
| --- | --- |
| Page Break |  |

Q29 How healthy do you think your diet is?

* Very healthy (1)
* Healthy (2)
* Equally healthy and unhealthy (6)
* Unhealthy (3)
* Very unhealthy (7)
* Unsure (4)

Q30 How would you rate:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Excellent (1) | Very good (2) | Good (3) | Fair (4) | Poor (5) |
| Your energy level? (3)  |  |  |  |  |  |
| Your concentration level? (2)  |  |  |  |  |  |
| Your overall wellbeing? (4)  |  |  |  |  |  |
| Your overall health? (1)  |  |  |  |  |  |

|  |  |
| --- | --- |
| Page Break |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Very likely (1) | Somewhat likely (2) | Neither likely or unlikely (5) | Unlikely (3) | Very unlikely (4) |
| Use a kitchen on campus to prepare a meal. (5)  |  |  |  |  |  |
| Use cookbooks & cooking guides to prepare a meal. (1)  |  |  |  |  |  |
| Attend a cooking demonstration on campus. (3)  |  |  |  |  |  |
| Attend a short series of meal preparation classes on campus (2)  |  |  |  |  |  |
| Attend a workshop that taught budgeting, nutrition, and meal preparation on campus. (4)  |  |  |  |  |  |

Q31 If the following resources were free and available at [INSERT UNIVERSITY],
 how likely would you be to:

|  |  |
| --- | --- |
| Page Break |  |

Q32 Which college is your major housed in?

▼ Agriculture and Natural Resources (4) ... Veterinary Medicine (24)

Q33 What is your overall GPA?

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 0 | 1 | 2 | 3 | 4 |

|  |  |
| --- | --- |
| GPA on 4.0 scale: () |  |

Q34 Do you have a job during the academic year?
*This includes paid jobs, assistantships, internships, etc.*

* Yes (1)
* No (2)

Display This Question:

If Do you have a job during the academic year? This includes paid jobs, assistantships, internships... = Yes

Q35 How many hours a week do you work at your job?

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 8 | 15 | 23 | 30 | 38 | 45 | 53 | 60 |

|  |  |
| --- | --- |
| Hours worked weekly: () |  |

Q36 What year were you born?

▼ 2002 (1) ... 1903 (100)

Q37 What is your gender?

* Male (1)
* Female (2)
* Prefer to self describe (3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Prefer not to answer (4)

Q38 What is your marital status?

* Single, never married (1)
* Married or domestic partner (2)
* Previously married (i.e. Divorced, Widowed, Separated) (3)

Q39 Do you/your spouse/partner have children?

* Yes (1)
* No (2)

Display This Question:

If Do you/your spouse/partner have children? = Yes

Q40 Which of the following applies to you?

* I have children/dependents living with me full-time (1)
* I have children/dependents living with me part-time (2)
* I do not have children/dependents living with me (3)

Q41 How do you describe your ethnicity?

* American Indian or Alaska Native (1)
* Asian (2)
* Black or African American (3)
* Hispanic, Latino, or Spanish origin (4)
* Native Hawaiian or Other Pacific Islander (5)
* White (6)
* Multiracial (7)
* Other/Prefer to self-describe (9) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Don't wish to answer (10)

|  |  |
| --- | --- |
| Page Break |  |

Q42 We have one final question for you.

What other suggestions do you have for resources that [INSERT UNIVERSITY] could offer students regarding their diets and food access?

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END

Thank you for your contribution to helping to improve [YOUR UNIVERSITY] student experience.