

The association between food insecurity and obesity, a body shape index and body roundness index among US adults

Authors

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Supplementary materials

Supplementary Data 1: 10-items of U.S. Adult Food Security Survey Module.

For these statements, please tell whether the statement was often true, sometimes true, or never true for {you/your household} in the last 12 months, that is since last {DISPLAY CURRENT MONTH AND LAST YEAR}.

1. {I/we} worried whether {my/our} food would run out before {I/we} got money to buy more.
2. The food that {I/we} bought just didn't last, and {I/we} didn't have enough money to get more food.
3. {I/we} couldn't afford to eat balanced meals.
4. In the last 12 months, since last {DISPLAY CURRENT MONTH AND LAST YEAR}, did {you/you or other adults in your household} ever cut the size of your meals or skip meals because there wasn't enough money for food?
5. How often did this happen?
6. In the last 12 months, did you ever eat less than you felt you should because there wasn't enough money for food?
7. [In the last 12 months], were you ever hungry but didn't eat because there wasn't enough money for food?
8. [In the last 12 months], did you lose weight because there wasn't enough money for food?
9. [In the last 12 months], did {you/you or other adults in your household} ever not eat for a whole day because there wasn't enough money for food?
10. How often did this happen?

Reference: <https://www.ers.usda.gov/media/8271/hh2012.pdf>

Supplementary Data 2: Adult food security categories were as following:

Count affirmative responses in these 10 items in supplementary data 1.

1= Adult full food security: no affirmative response in any of the items.

2 = Adult marginal food security: 1-2 affirmative responses.

3 = Adult low food security: 3-5 affirmative responses.

4 = Adult very low food security: 6-10 affirmative responses.