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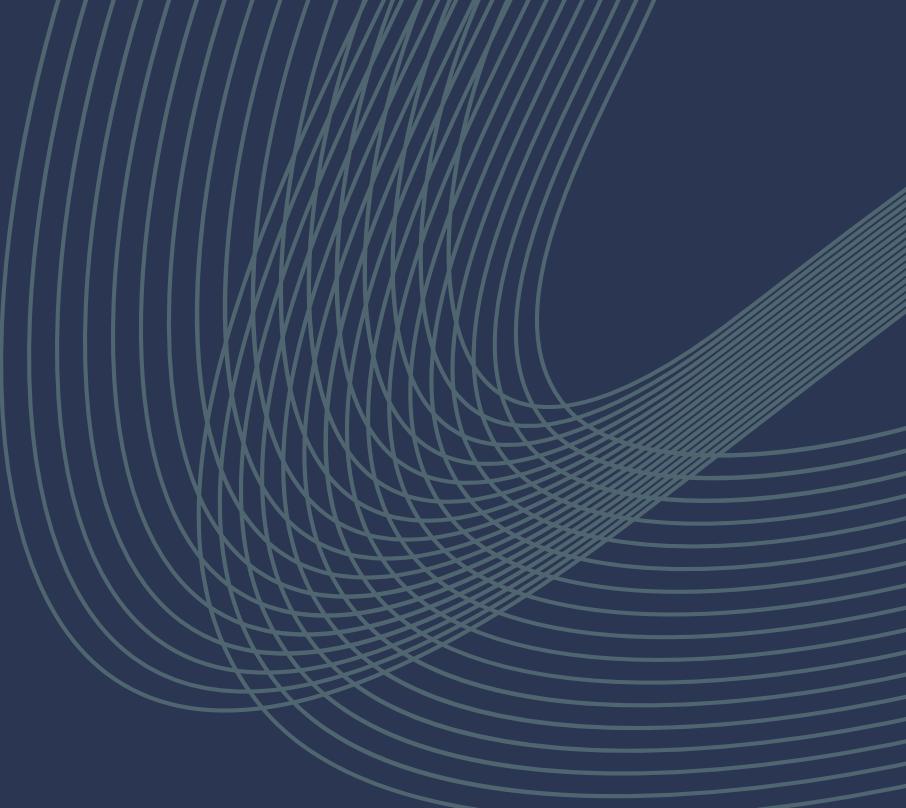
APRIL 2022

# FOOD INSECURIT Y

Empowering tomorrow, today

PRESENTED BY

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# FOOD INSECURITY AT A GLANCE

**1 in 3 Students  
1 in 5 Children  
1 in 6 Adults**

Ratio of Affected populations by Feeding America

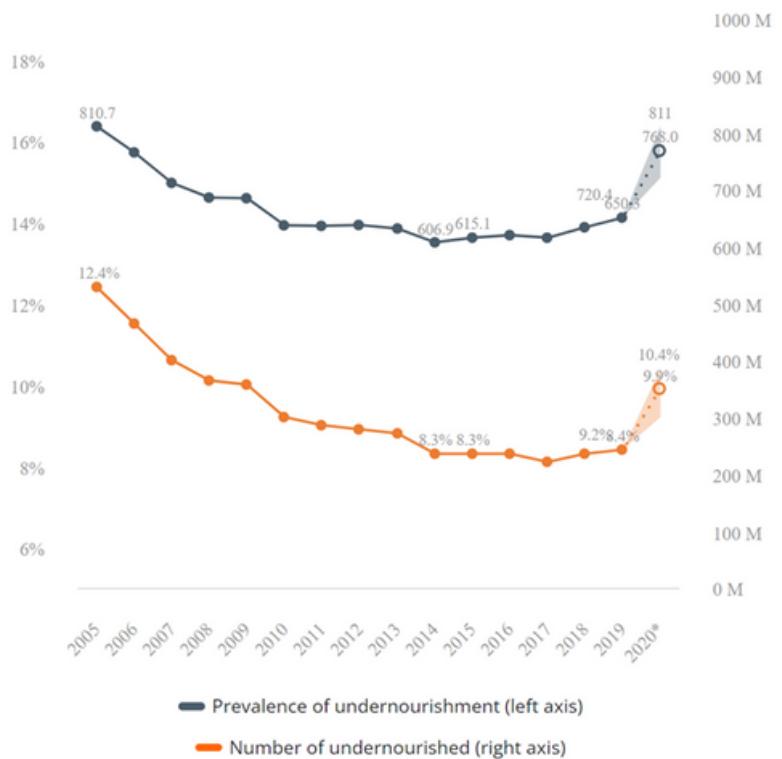
## Key to Success



Education



Resource Connection



NOTES: \* Projected values for 2020 in the figure are illustrated by dotted lines. Shaded areas show lower and upper bounds of the estimated range. SOURCE: FAO.



# INCREASE IN FOOD INSECURITY DURING COVID-19 PANDEMIC

Sharp increase in prevalence since 2019



Reports on undernourishment rates collected by the Food and Agricultural Organization (FAO) shows a gradual decline in rates from 2005 to 2019.

However, from 2019 to 2020, there was a 23% increase of prevalence of undernourishment. Undernourishment is a key indicator of food insecurity (FAO, 2022).



# SUMMARY OF FOOD INSECURITY



Food insecurity “is a condition when persons do not have adequate resources to feed themselves, either nutritiously, or at all” (Cady, 2014). Most importantly, to support normal growth and development with a active and healthy life style.

Malnutrition refers to imbalances in nutrients and energy intake. Undernutrition is the physical outcome of chronic malnutrition , which can be shown as stunting or underweight.

Due to the varying experiences and difficulty of comparing previous surveys about food insecurity, the FAO created the Food Insecurity Experience Scale (FIES) for global use (Smith, 2017).

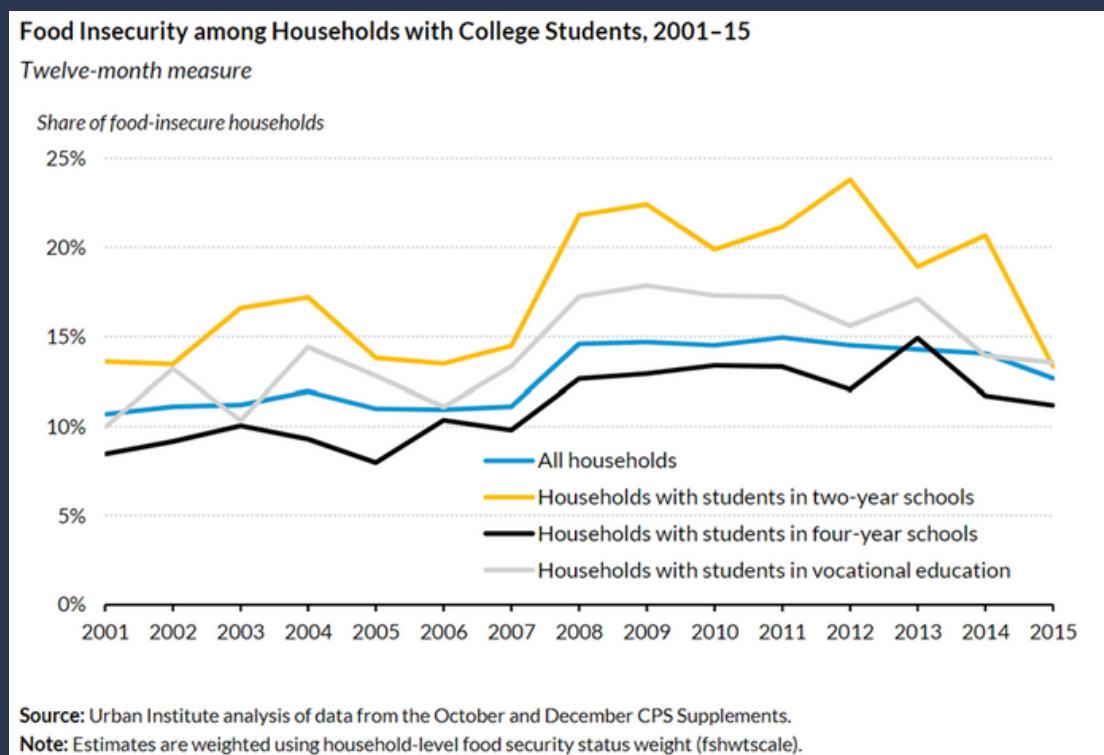
This new scale allows organizations and researchers at all levels to more easily compare and analyze research data to draw more credible conclusions.



# IN STUDENT POPULATIONS

Student populations are more likely to face food insecurity due to financial burdens. Factors such as how many members in a household are students, and the type of college attended (2 year, 4 year, vocational) have a proportional prevalence on food insecurity.

This can be explained by the financial burden advanced education places on the household or the individual. Especially for students who come from low-income families or little to no external financial support.



# UTA MAVERICK PANTRY

EST. in Aug 2021.



The Maverick Pantry is a UTA Organization that aims to combat food insecurity in their student population. They do this by providing food goods on a monthly basis, gathered by donations, as well as other services. They provide educational materials and recipes. The Maverick Pantry partners with local food banks to mutually support each other.

They are expanding their mode of access as they receive a steady supply of donations. This spring semester of 2022, the Pantry has served over 400 students, even with limited time slots and pick up times. Their aim is to continue educating, advocating, and supporting the UTA Student population.

This method of combating against food insecurity has multiple impacts. Firstly, it reduces food waste by repurposing unused goods. Second, this fortifies local community resilience by mutually supporting one another. Lastly, this method promotes education which is cited as a protective factor against many noncommunicable diseases.



# REFERENCES

Cady, C. L. (2014). Food insecurity as a student issue. *Journal of College and Character*, 15(4). <https://doi.org/10.1515/jcc-2014-0031>

Food and Agriculture Organization of the United Nations (FAO). (2022). Hunger. Retrieved February 17, 2022, from <https://www.fao.org/hunger/en/>

Smith, M. D., Kassa, W., & Winters, P. (2017). Assessing food insecurity in Latin America and the Caribbean using FAO's food insecurity experience scale. *Food policy*, 71, 48-61.

