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**FOOD INSECURITY: How Does it Affect the U.S.?**

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**Introduction**

- This literature review examined the ways food insecurity affects diverse populations. This study is significant because many factors such as gender, racial and ethnic groups, cultures and socioeconomic status play a role in the access one does or does not have to healthy food. It is essential to continue finding information of how to combat the inequalities that exist amongst these diverse populations that consequently cause obesity, poorer overall health and a lower quality of life due to food insecurity.

**Methods**

- The journal articles for this poster were found by using data bases such as google scholar and LibCal. Key words used to search were food insecurity, poverty, acculturation and food desserts. Articles had to have been published after 2016, and include populations of individuals from diverse age groups, racial and ethnic backgrounds and socioeconomic statuses in order to be used. Of the articles that were found, six will be discussed.

- Selected articles included studies on:
  - The connection between neighborhood poverty and food insecurity.
  - How limited access to healthy food corresponds to increased obesity among high poverty neighborhoods.
  - Acculturation and poverty’s joint association with food insecurity.
  - Barrier of food prices in food desserts and the difference in food access depending on socioeconomic statuses.
  - Nutritional intake and dietary quality among U.S. adults living in poverty based on nutrition label use.
  - The detailed relationship between food insecurity and socioeconomic and acculturation variables.

**Results**

This literature review discovered considerable data regarding food insecurity in America.

- More than 22.1% of households living in neighborhoods with 40% or greater poverty had very low food security.
- 2.1% of children in high poverty neighborhoods were considered to have low or very low food security, compared to only 2% in low poverty neighborhoods (Morrissey et al. 2016).
- 84% of children in census tracts with 40% or greater poverty were Black or Hispanic, compared to only 20% in tracts that had less than 14% of poverty (Morrissey et al. 2016).
- Compared to Whites, the odds of being food insecure were about 4 times as high for Blacks, 2.5 times as high for Mexicans and 2.5 times as high for Puerto Ricans ( Hunt et al. 2019).

- The prevalence of obesity among women in high poverty/Black high composition neighborhoods with low access to food is 31.6% and 28.8% in high access, compared to high poverty/low Black composition neighborhoods where the prevalence was 29.4% in low food access and 28.8% in high food access (Gailey & Bruckner, 2019).
- Nutrition labels proved to be important in diet quality because among those who were considered acculturated, the odds of using nutrition labels were 56% lower for low income- compared to higher income individuals.
- For those falling below 130% of the poverty line, the odds of a poor diet were 38% less than for those not using nutrition labels.

**Results (continued)**

- People in a higher poverty to income ratio (PIR) had nutrient intakes that were higher than those in the lowest (PIR) (Bailey et al. 2017).
- Consumers who are constrained to shop within stores in their census tracts such as older adults with limited mobility or people with limited access to transportation face 9.2% higher prices compared to high income and high access tracts.
- Researchers found a significant racial disparity in exact price index (EPI) census tracts with high proportions of African Americans facing higher EPI coefficients as high as .195 (Fan et al. 2018).

**Conclusions**

Based on the research found, it can be concluded that food insecurity affects the U.S. population in many ways.

- The likelihood of food insecurity increases as neighborhood poverty increases.
- Children that live in poor or low-income households are more likely to live in food-insecure households or with food insecure adults.
- It is proven that Hispanic and Black children are more likely than White or other race children to experience food insecurity at all levels.
- Furthermore, women with low food access residing in high poverty and high Black composition neighborhoods show an increased risk of obesity, compared to those in high poverty but low Black neighborhoods.

This convenience corner store is in Bridgeport, CT that displays a variety of cheap and very unhealthy food options for the low socioeconomic residents to buy and live from.

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**References**


