

Governor's Council on Food Security
January 7, 2020

MAP THE MEAL GAP & RACIAL EQUITY

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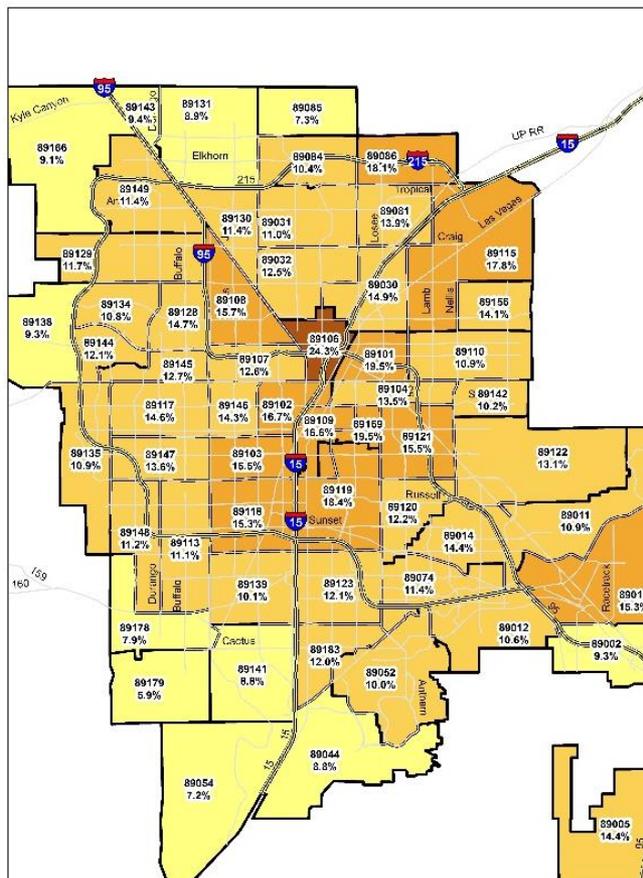
WHAT IS MAP THE MEAL GAP?

- Uses U.S. Census Bureau data to derive four sets of estimates at different community levels:
 - Meal costs
 - Food budget shortfalls
 - Rates of food insecurity
 - Rates of child food insecurity

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FOOD INSECURITY AT THE ZIP CODE LEVEL IN THE LAS VEGAS VALLEY



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THINKING ABOUT RACIAL EQUITY

- How is the food insecurity rate determined?
 - Unemployment rate
 - Poverty rate
 - Median household income
 - Percent Hispanic
 - Percent Black
 - Homeownership rate

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THINKING ABOUT RACIAL EQUITY

- Pearson's r correlation
 - Indicates both magnitude and direction of relationship between two variables
 - Value between -1.0 and +1.0
 - Negative value = inverse relationship
 - As % Black/Hispanic goes up down,
food insecurity rates goes down up
 - Positive value = direct relationship
 - As % Black/Hispanic goes up down,
food insecurity rates goes up down

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THINKING ABOUT RACIAL EQUITY

PEARSON'S *R* CORRELATION

BLACK + HISPANIC POPULATION VS. FOOD INSECURITY RATE BY ZIP CODE IN THE LAS VEGAS VALLEY, 2015-2019

Year	2019	2018	2017	2016	2015
Correlation	+0.58	+0.51	+0.42	+0.63	+0.55

There is a moderate, positive correlation between the density of the combined Black and Hispanic population and food insecurity rates at the ZIP code level. The strength of the correlation varies from one year to the next depending on other factors that may have influenced the food insecurity rate, but the correlation between the density of the combined Black and Hispanic population and food insecurity rates at the ZIP code level is consistently either moderate or strong each year.

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QUESTIONS?

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