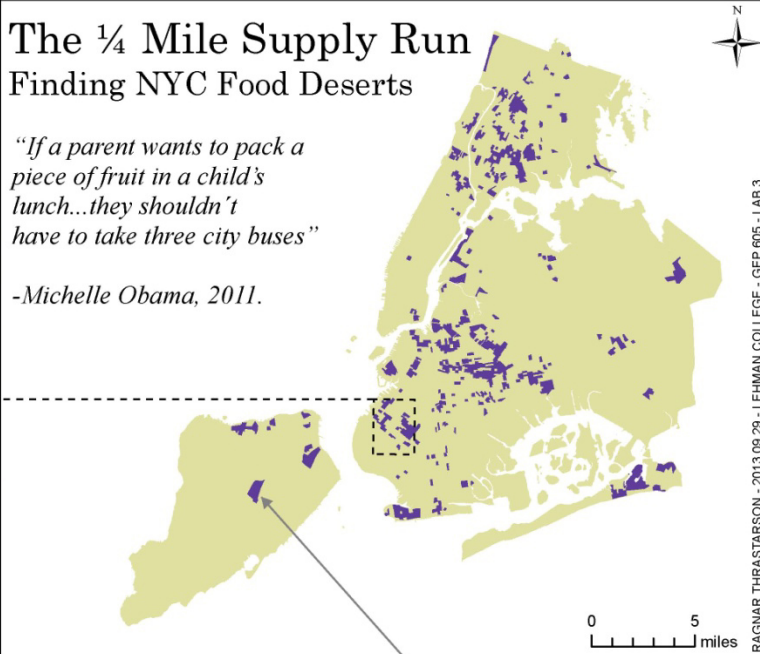


# The ¼ Mile Supply Run

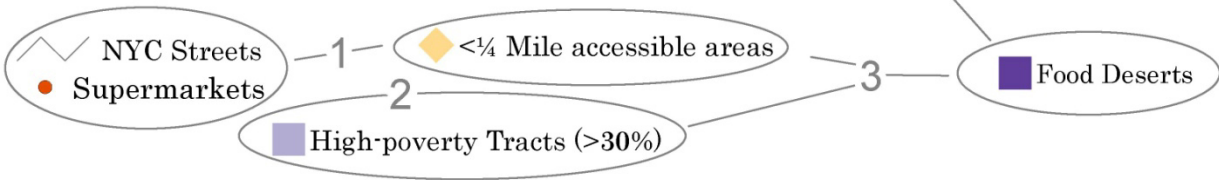
## Finding NYC Food Deserts

*"If a parent wants to pack a piece of fruit in a child's lunch...they shouldn't have to take three city buses"*

*-Michelle Obama, 2011.*



### Finding Food Deserts with Geographic Data and Network Analysis



**1** By using the location for NYC supermarkets and NYC roads we calculate ¼ mile walking distance areas around the supermarkets.

**2** From the NYC Census Tracts we select tracts that have a poverty rate above 30%.

**3** We then use our ¼ mile walking distance areas to see which tracts with high poverty are also more than a ¼ mile away from a supermarket. Those we call **Food Deserts**.