

Restaurant Food Waste Distribution & Food Banks

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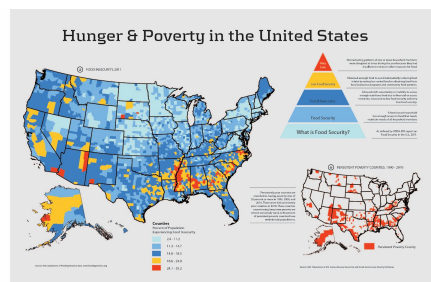
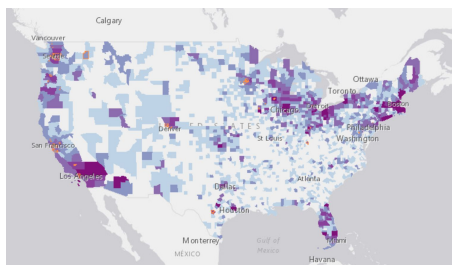
Overview

Our project goal is to analyze datasets relevant to food waste and hunger throughout the United States. We will follow the structure of an existing data analytics firm currently using AI to track and reduce food waste. Taking the analysis further, we aim to identify overlay areas using geo-mapping where excess (waste food) from restaurants could potentially be redistributed to food banks, under-served schools or the homeless seeking opportunities to streamline the food production process and, simultaneously, help those in need through data analysis mapping.

Sources

1. <https://www.winnowsolutions.com/vision>
2. <https://www.dosomething.org/us/facts/11-facts-about-hunger-us#fn1>
3. <https://www.epa.gov/sustainable-management-food/excess-food-opportunities>
4. <https://www.ers.usda.gov/data-products/eating-and-health-module-at-us>
5. <https://furtherwithfood.org/resources/excess-food-opportunities-map/>

Example Mapping



FOOD EXCESS DATA SOURCE: <https://www.epa.gov/sustainable-management-food/user-guide-excess-food-opportunities-map>

FOOD HUNGER DATA SOURCE: <https://api.census.gov/data/timeseries/poverty/histpov2.html>