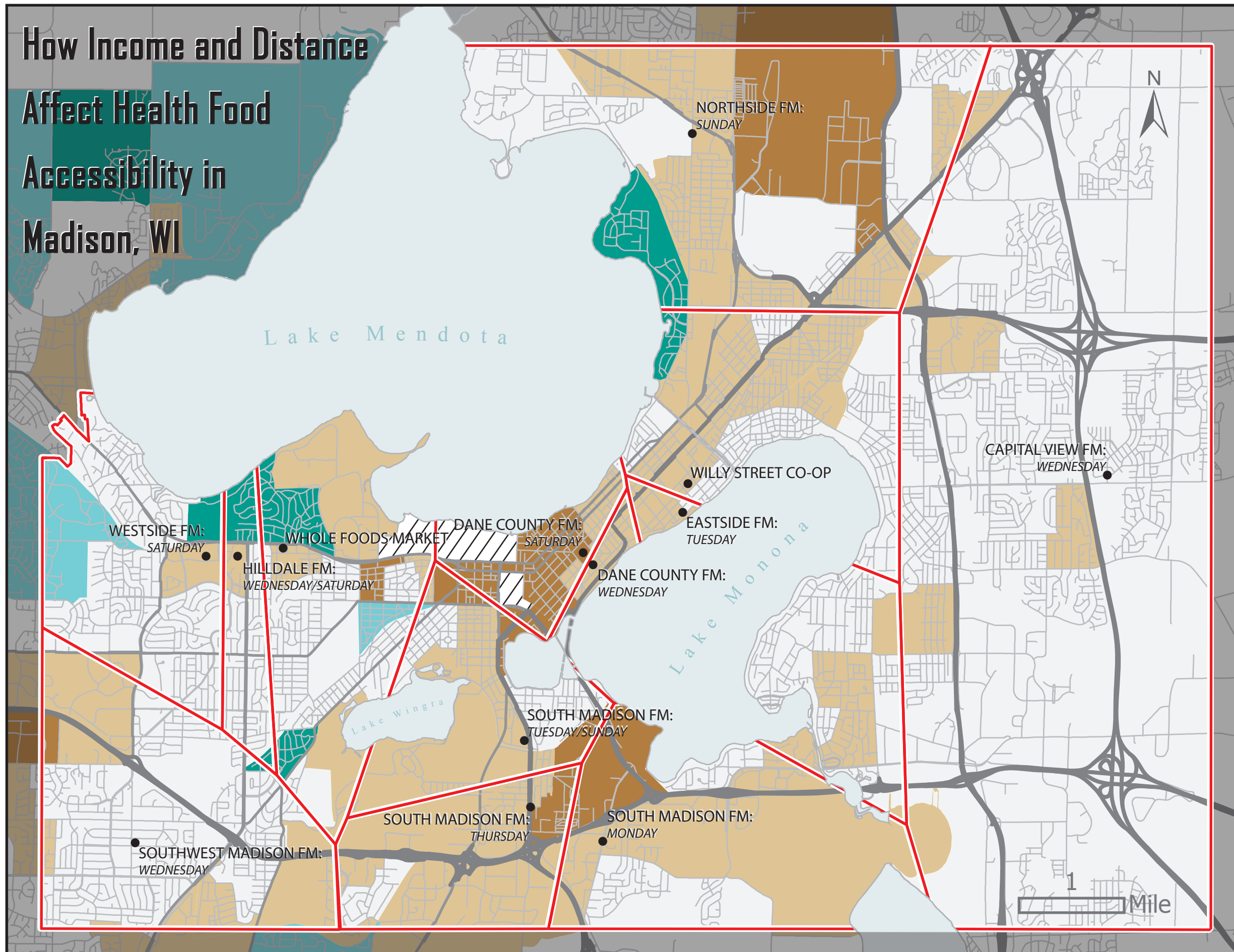


How Income and Distance Affect Health Food Accessibility in Madison, WI

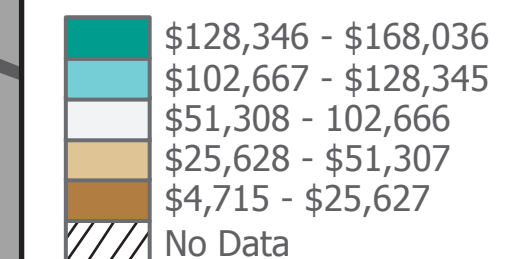


“Health food” sources strive to provide primarily locally-grown, chemical-free, fresh options to patrons. In the context of this map, health food sources include farmers’ markets and natural food grocery stores. Each red line outlines a polygon surrounding a single health food source, formed by interpolating the area nearest each location. These areas are further broken down to illustrate the spatial correlation between median household income and the distance to health food sources. Is accessibility to health food a matter of location, income, or both?

Note: The location of farmers’ markets shown only represent those that are open in the Fall, Spring, and Summer months.

Median Household Income

(Based on ACS 2006 - 2010 Data of Census Block Groups)



Health Food Sources:

- Farmers’ Markets (FM) and Natural Food Grocery Stores

Data Sources: U.S. Census Bureau (2010 Census Block Groups); UW Applied Population Lab (ACS 2006-2010 Data for Median Household Income); Dane County Land Information Office (Hydrography, City of Madison Municipal Boundary, and Street Grid); Cityofmadison.com and Ediblemadison.com (Farmers’ Market Locations); Esri; Color Scheme: Colorbrewer
 North America Albers Equal Area Conic; Latitude: 43°N; Central Meridian: 88°W; Standard Parallels: 20°N and 60°N
 Chloë Quinn, Geog370, 5/16/12