

Dubuque

Greater Dubuque

The Health and Food System Assessment is a compilation of various research data (Geographic Information Systems, Census Database, Extension, Community Health Needs Assessment, interviews and steering committee discussions). This report has been developed to showcase the existing conditions of the food system sectors (Production, Transformation, Distribution, Consumption + Access and Resource Management) and the various projects that fall within them.

Food and Health Systems involve many different facets of the community, and thus, this document compiles various research and understanding of each food system sector. The final report will represent the community's interests and core values around food system development. The following sections will include an abstract or overview of each section, interviews, discussion on each topic area, data-based research (quantitative and qualitative), and maps that will be used for decision making and determination of priority projects and programs for the coalition to continue to enhance the collective efforts of the community in regards to health and food systems.

The following pages will describe existing conditions with the food system of Dubuque, and will highlight the priority projects that have been determined by Dubuque Eats Well based on this assessment and the snapshot.

Projects determined include:

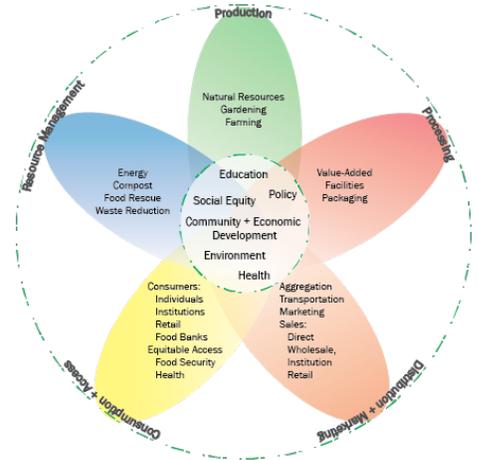
- Farm to School Programming
- Farm to Institution Network
- Bee Branch Food Forest
- Double Up Bucks Promotion and Awareness
- Sinsinawa Mound Collaborative Farm

## [HEALTH AND FOOD SYSTEM ASSESSMENT]

## ABOUT THE ASSESSMENT:

The food system assessment has been developed and arranged to follow the food system sectors:

- Production: Science, art, or occupation that involves cultivating land, raising crops, hunting, fishing, foraging or farming
- Processing: Transformation of raw ingredients, physically or chemically, transforming into a value-added market
- Distribution + Marketing: Moving product from farm or processing site to consumer; including distribution and sales
- Consumption + Access: Opportunities for an individual to gain access to food in a physically safe, financially viable, and culturally competent way
- Resource Management: Efficient and effective deployment and allocation of community and business resources as it relates to land, water, soil, plants, food and created materials



Within each of the sectors, tactics are researched based on existing conditions within the community; the report is written about tactics that contribute to the overall sector.

- Production: Gardening, agricultural production (rural and urban agriculture), vertical farming, etc.
- Transformation + Processing: Value-Added processing, freezing, canning, butcher, etc.
- Distribution + Marketing: food hubs, food boxes, CSA's, market and branding, etc.
- Consumption + Access: grocery stores, food trucks, restaurants, food assistance programs, etc.
- Resource Management: conservation programs, food recovery, composting, etc.

Each tactic is analyzed on its contributions to core community systems:

- Economy: Production, distribution or trade, and consumption of limited goods and services by different agents in a given geographical location
- Education: Networks of relationships among people working toward food system development; incorporation of education, culture and arts to achieve goals
- Equity: Ability to be equal in status, rights, and opportunities- specifically for food access, food production, and general ability to have equal opportunity for access to healthy living
- Health: Ability to be free from illness or injury with good mental and physical conditions: opportunity to connect to areas to promote healthy lifestyles
- Environment (Natural and Built): Natural assets including geology, soil, air, water, and living things: ecosystem services allowing for healthy, sustainable food production; Material, spatial and cultural product of human labor- combines physical elements and energy for living, working and playing

The assessment is formatted to give an in-depth analysis of individual projects and programs that exist within Dubuque County, and to allow for an assessment of the system as a whole. This assessment provides information to relay how systems that exist (economy, education, health, environment, policy) relate to one another within the food system. As you walk through the assessment, you'll find that the first page of each sector gives an overview followed by the analysis.

Where appropriate, maps are developed to give a visual demonstration of the information discussed.