The Local Foods Resource Mapping Project

Chance McDavid\textsuperscript{a}, Stephan Goetz\textsuperscript{b}, Leslie Hossfeld\textsuperscript{c}, Steve Turner\textsuperscript{d}, Mark Skidmore\textsuperscript{e}, Don Albrecht\textsuperscript{f}, Stacey McCullough\textsuperscript{g}, Amanda P. Perez\textsuperscript{h}, Alison Davis\textsuperscript{i}, Tim Woods\textsuperscript{j}, Jairus Rossi\textsuperscript{k}, A. Lee Meyer\textsuperscript{l}, Susan Jakes\textsuperscript{m}, Becky Bowen\textsuperscript{n}, Joanne Lelekac\textsuperscript{o}, Stephen Brown\textsuperscript{p}, Mark Apel\textsuperscript{q}, Trent Teegerstrom\textsuperscript{r}

\textsuperscript{a}Senior Extension Associate, Southern Rural Development Center, Mississippi State University, 1320 Seven Springs Road, Raymond, MS 39154, USA

\textsuperscript{b}Professor, Department of Agricultural Economics, Sociology, and Education, College of Agricultural Sciences, Pennsylvania State University, 207-C Armby Hall, University Park, PA 16802, USA

Email: sgoetz@psu.edu

\textsuperscript{c}Professor and Head, Department of Sociology, Mississippi State University, 201 Bowen Hall, Raymond, MS 39154, USA

\textsuperscript{d}Director, Southern Rural Development Center, Mississippi State University, Box 9755, 150B Lloyd Ricks Watson, Mississippi State, MS 39762 USA

\textsuperscript{e}Professor, Department of Economics, Michigan State University, 91 Agriculture Hall, East Lansing, MI 48824, USA

\textsuperscript{f}Director, Western Rural Development Center, Utah State University, 4880 Old Main Hill, Logan, UT 84322, USA

\textsuperscript{g}Assistant Director, Cooperative Extension Service, University of Arkansas
Division of Agriculture Research & Extension, 2301 S. University Ave., Little Rock, AR 72204,

\textsuperscript{h}Program Associate, Public Policy Center, University of Arkansas
Division of Agriculture Research & Extension, 2301 S. University Ave., Little Rock, AR 72204, USA

\textsuperscript{i}Extension Professor, Department of Agricultural Economics, College of Agriculture, Food and Environment, University of Kentucky, 411 Charles E. Barnhart Bldg., Lexington, KY 40546, USA

\textsuperscript{j}Extension Professor, Department of Agricultural Economics, College of Agriculture, Food and Environment, University of Kentucky, 402 Charles E. Barnhart Bldg., Lexington, KY 40546, USA

\textsuperscript{k}Assistant Research Professor, Community & Economic Development Initiative of Kentucky, University of Kentucky, 320 Charles E. Barnhart Bldg., Lexington, KY 40546, USA
Abstract

The purpose of this USDA/AMS-funded project is to develop web-enabled, comprehensive state food system directories in six pilot states; to provide a more complete representation of the local food system instead of merely connecting buyers and sellers; and to identify and potentially create business opportunities for entrepreneurs by identifying gaps in local food systems.

Gaps exist in the understanding of the overall picture of statewide local food systems. Further, barriers to entry may prevent the deepening and growth of local food systems in rural and urban communities. Much remains unknown about how local food moves from farms to consumers, and consumer demand varies across states and remains relatively poorly understood.

At focus group events for the Local Foods Resource Mapping project, diverse groups of invited participants were presented with a series of state-level maps showing basic production, distribution, and consumption data as well as questions designed to guide discussion and provide actionable insights. Following the focus groups, participants were invited to respond to a more detailed online survey about the local food system.

An early conclusion is that a web-based mapping service that serves two distinctly different needs may be required. There is a recognized need for and value in providing food systems analytics in the form of maps showing where different supply chain firms are located and benchmarks such as location quotients that may point to opportunities for new businesses to emerge or improve the functioning of the supply chain. There are also opportunities to enhance the usefulness of MarketMaker and to expand its adoption for more immediate transactions between buyers, sellers, and market intermediaries.
Sustainability over time is a key issue, as secondary data rapidly become obsolete; however, this could represent a potential entrepreneurial opportunity. In general, participants see value in mapping where the production of different crops occurs in each state and where processors, distributors, and different markets are located. In addition, there is perceived value in combining and overlaying maps from public data sources to identify potential patterns and relationships.

**Keywords:** business development, food system maps, linking producers and consumers, MarketMaker

@Corresponding author.