# LOCAL FOOD AS ECONOMIC DEVELOPMENT



CAPITAL AREA COUNCIL OF GOVERNMENTS

### **Industry Cluster Theory**



Trading Sectors

(ProducerSupplier
Relationships)

Related Sectors
(Shared technologies, labor pools, etc.)

Supporting Institutions (Education, R&D, etc.)

Industry Cluster

Source: Dr. Ed Feser, University of Illinois

### Food Industry Cluster



### Producer/Supplier Relationships

Are we connecting segments of the Food Sector Value Chain?

- Food Production
- Food Processing
- Food Distribution
- Food Retail

#### **Related Sectors**

Are there spillovers from the Food Sector that can benefit other industries in our region?

- Tourism
- Related
   Production

### **Supporting Institutions**

Are our educational and public institutions aligned to support the Food Sector?

- ACC Ag Entrepreneurship
- Food Hub
- Commercial Kitchens, etc.

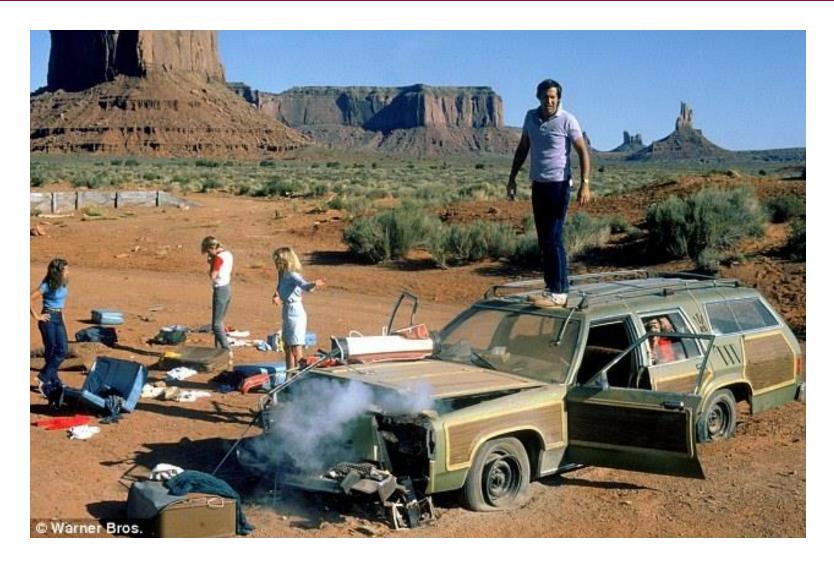
### Question: Is our Food Cluster Functioning Well?





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### Can we do a better job of optimizing?



- Is the local Food Cluster worth optimizing?
- Can we identify where supply chain opportunities exist?
- What efforts are needed to create deeper linkages within the Food Cluster?
- Are there needs in the broader local Food Cluster ecosystem?

### Is the Local Food Cluster Worth Optimizing?



Sector	Total Employment (2015)	5 Year Employment Growth Rate (2010-2015)	Current Average Annual Wage
Food Production	926	4.5%	\$27,596
Food Processing	2,281	3.4%	\$33,915
Food Distribution	2,379	1.3%	\$51,365
Food Retail	104,548	5.8%	\$20,769
All Sectors	991,541	3.7%	\$54,678

Source: Chmura Economics

### Is the Local Food Cluster Worth Optimizing?

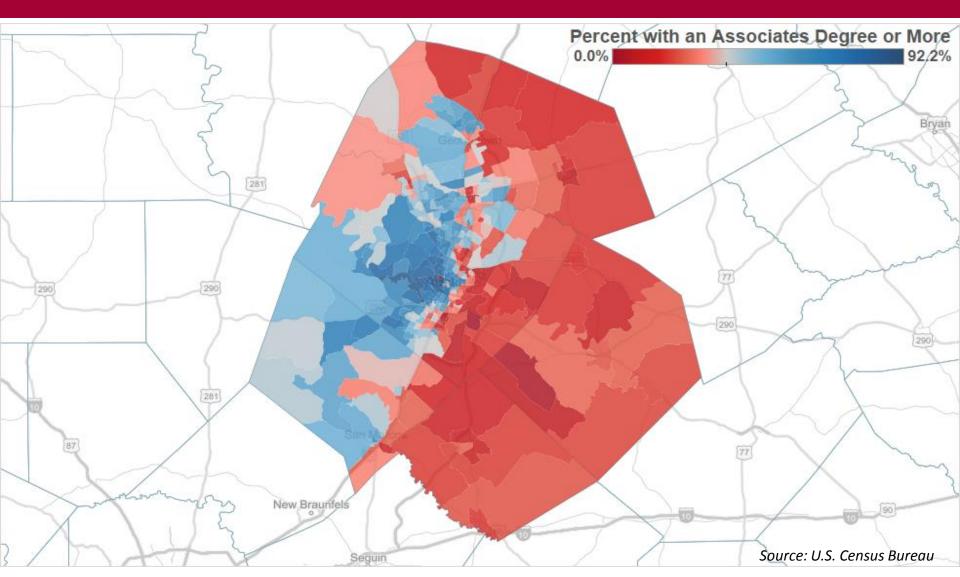


Sector	Employment Multiplier	Output Multiplier
Food Production	1.34	1.48
Food Processing	2.07	1.63
Food Distribution	1.68	1.48
Food Retail	1.23	1.52

Source: Chmura Economics

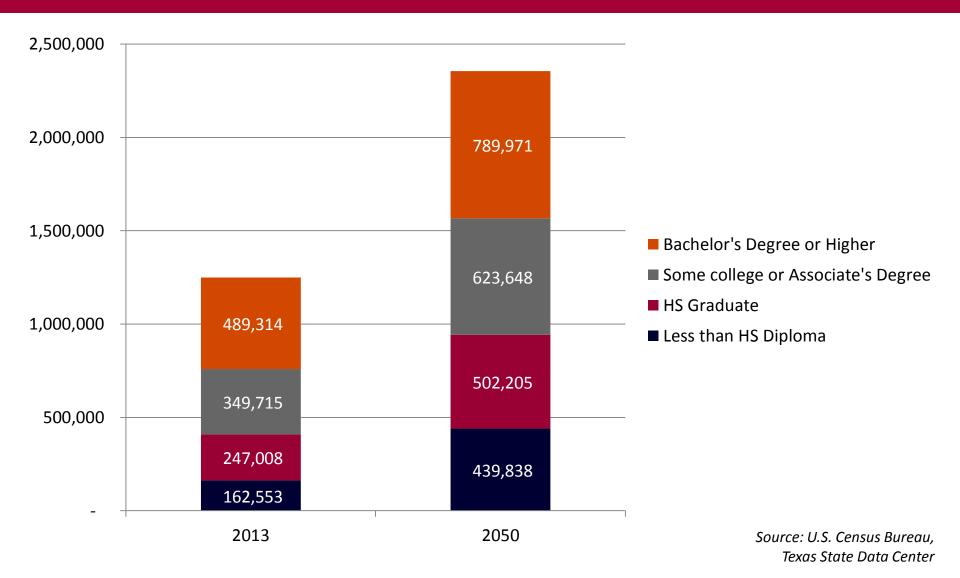
## Educational Attainment in the Austin MSA (2013)





## Projected Educational Attainment for the Austin MSA Using Current Attainment Rates (Age 25+)

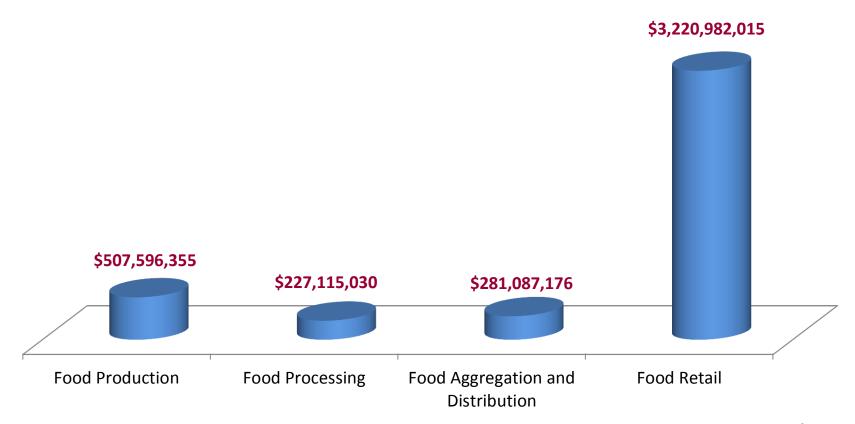




## Can We Identify Where Supply Chain Opportunities Exist?



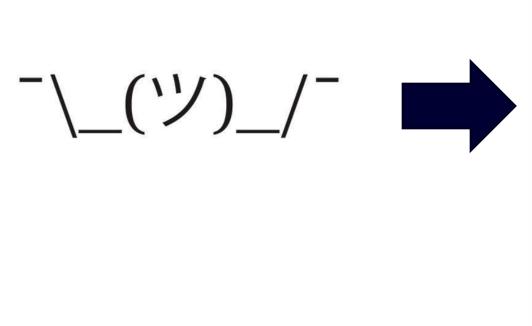
### Gross Regional Product by Food Sector in the Austin MSA + Lee County (2013)

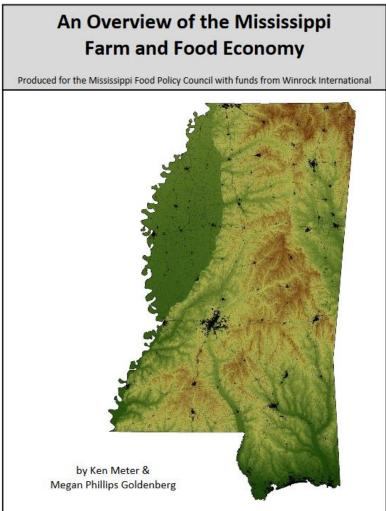


Source: EMSI

## What Efforts Are Needed to Deepen Supply Chain Connections in the Region?







Crossroads Resource Center | www.crcworks.org | May 15, 2014

### What Efforts Have Worked In Other Places?





BLUE RIDGE FOOD VENTURES is an 11,000-square-foot shared-use kitchen and natural products manufacturing facility that offers support in product development, guidance through the maze of government regulations, equipment for bottling and packaging, advice on marketing and label design, and much more.

- Entrepreneurship Support
- Help with Scaling
- Access to Equipment
- Marketing Support



### What Efforts Have Worked In Other Places?



### **Greater Portland (ME) Sustainable Food Production Cluster**

- Funding support from the U.S. Commerce Department's Investing in Manufacturing Communities Partnership (IMCP)
- Consortium of the Council of Governments, Community College, University of Southern Maine, and other public and private stakeholders
- Strategy to:
  - Scale 50 home enterprises to food manufacturing operations
  - Find markets for 20% of wasted raw food
  - Add value to 10% of raw food that is currently shipped out of state
  - Increase food exports by 25%
  - Replace 10% of imported manufacturing inputs with Maine products
  - Replace \$100 million in food imports with local food

### What Efforts Have Worked In Other Places?







- The Food District (Columbus, OH)
  is a multipurpose facility targeted
  toward community food education,
  food processing, and community
  development
- Born out of a Regional Food Strategy & leveraged a HUD Community Challenge Grant
- Brownfield development on former factory site

### Thank you



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