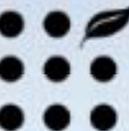


# FSNE National Conference: A Vision, A Journey, A Partnership

Columbus, Ohio

March 15-17, 2004

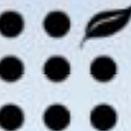


# ERS Research & Evaluation on FSNE: Present and Future Directions

Eileen S. Stommes

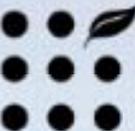
USDA/ERS

[estommes@ers.usda.gov](mailto:estommes@ers.usda.gov)



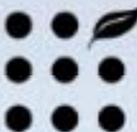
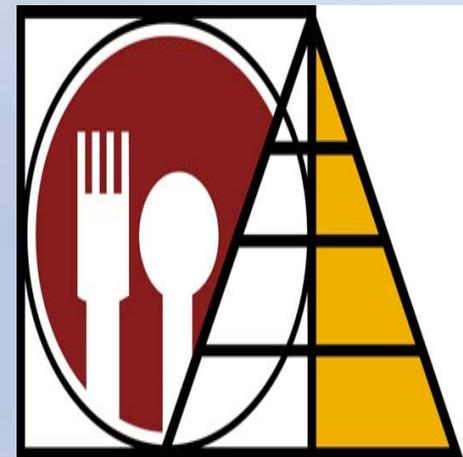
# ERS Mission

- A competitive agricultural system
- A safe food supply
- A healthy, well-nourished population
- Harmony between agriculture & the environment
- An enhanced quality of life for rural Americans



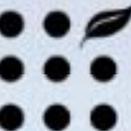
# FANRP Program

- Addresses research needs of food assistance and nutrition programs
- Analyzes diet, nutritional outcomes, and well-being of needy Americans, food program targeting & delivery, program dynamics and administration
- Meets information needs of policymakers, program managers, customers, research community and the public
- Develops data for research and policymakers



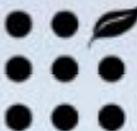
# Building Outcome Measures for FSNE

- White Papers in 2001
- 2 Workshops in 2003
- Upcoming Outcome Measures Workshop on April 15-16, 2004
- Developing/Previewing ERS FSNE Web Site



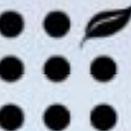
# White Papers

- Published in *Journal of Nutrition Education*, Vol. 33, Supplement 1, 2001
- Collaborative effort among FNS, ERS, SNE, CSREES, and RTI
- Focus on evaluation of nutrition education among low-income audiences
- Assess measurement status in 5 key emphasis areas of FSNE



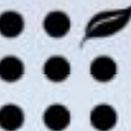
# White Papers—Key Issues

- Social-Ecological Model for Evaluating Nutrition Education
- Food Shopping Practices
- Food Safety Education
- Dietary Quality Tools
- Food Insecurity/Security



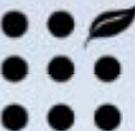
# Web Address for White Papers

- [www.ers.usda.gov/Briefing/FoodStamps/readings.htm](http://www.ers.usda.gov/Briefing/FoodStamps/readings.htm)



# 2003 FSNE Workshops

- Key effort to build understanding of FSNE issues and priorities for research, data development, methods development, & evaluation
- Collaboration and partnerships essential to developing research and evaluation priorities
- Involved FSNE educators, researchers, FNS, FNS regions, CSREES, ERS, ASNNA, SNE, CDC



# January 2003 Workshop

- *Priorities and Planning Workshop: Future FSNEP Research and Evaluation Activities*



# January 2003 Workshop

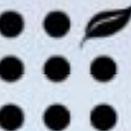
- Addressed research gaps based on White Papers
- Set the agenda to address those gaps



# January 2003 Workshop

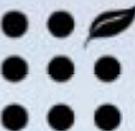
- Outlined research design considerations:

Evaluation that is flexible to accommodate different educational/promotional strategies



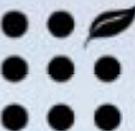
# January 2003 Workshop

- Examined information systems that support research and evaluation
  - FSNIC
  - CDC (BRFSS)
  - Professional communication
  - Regional reporting (Mountain Plains FSNE Report)



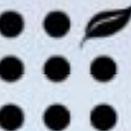
# January 2003 Workshop

- Examined strategies to improve collaboration in research & evaluation
  - Combining research resources across states
  - Collaborating across state agencies and academic disciplines for research and evaluation



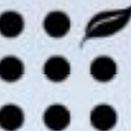
# July 2003 Workshop

- *Advancing the Practice of Food Stamp Nutrition Education Evaluation: Art and Science*



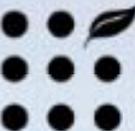
# July 2003 Workshop

- Keynote: Outcome Measures for Nutrition Education with Low-Income Families
- Key objective—begin development of partnerships to support research and evaluation of FSNE



# July 2003 Workshop

- Participant identification of FSNE outcome measures
- Automated web-based data collection
- Program reporting that supports evaluation
- Linking process and outcomes
- Participant identification of collaborative research to develop process measures that support evaluation



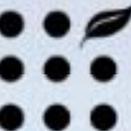
# July 2003 Workshop

- Workshop Recommendations
  - Develop short set of survey questions to assess key behavioral outcomes of FSNE
  - Identify/adapt cost-effective data collection methods
  - Develop electronic, web-based reporting systems that can be used for evaluation
  - Develop community indicators checklist
  - Explore data collection beyond self-report
  - Conduct program development research



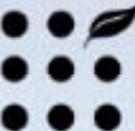
# July 2003 Workshop

- Proceedings for January and July 2003 Workshops available at:
- [www.csrees-fsnep.org/confproc.cfm](http://www.csrees-fsnep.org/confproc.cfm)



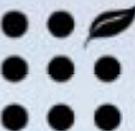
# Ongoing ERS Activities to Build FSNE Outcome Measures

- Workshop on April 15-16, 2004
- *Developing Common Core Survey Questions to Assess Key Dietary Behavioral Outcomes of FSNE: Launching the Research Process*



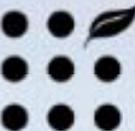
# April 2004 FSNE Outcome Measures Workshop

- Key objective: bring together small, diverse group of experts to select core set of questions on behavioral outcomes of FSNE that will be field tested nationwide



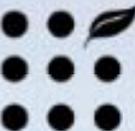
# April 2004 FSNE Outcome Measures Workshop

- Key topic areas for question selection:
  - Fruits and vegetables
  - Total fat, saturated fat, trans fat
  - Fiber/whole grains
  - Food variety
  - Calcium food sources, including milk
  - Non-alcoholic beverages other than milk
  - Dietary behaviors/practices related to diet quality and healthy weight
  - Dietary knowledge appropriate for the FSNE audience



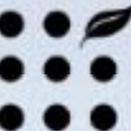
# April 2004 FSNE Outcome Measures Workshop

- Develop protocols for field testing
- Organize the testing process
- Discuss procedures to integrate and interpret field test results
- Discuss long-term validation process for field-tested questions



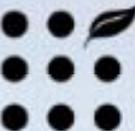
# FSNE Web Site

- Objective: provide information useful for FSNE and researchers
- Demonstrate the draft site features and invite feedback



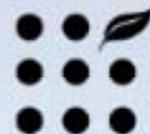
# Draft FSNE Web Outline/1

- FSNE program description
- Feature—Description, link to 2 FSNE workshops held in 2003
- Recommended Readings—White Papers on Evaluation of Nutrition Education with Low-Income Families



# Draft FSNE Web Outline/2

- Map Gallery
  - FSNE Map Machine
  - Food Stamp Map Machine
  - State Fact Sheets
  - Food Security in the U.S.—Conditions & Trends
  - Food Security in the U.S.—Household Survey Tools

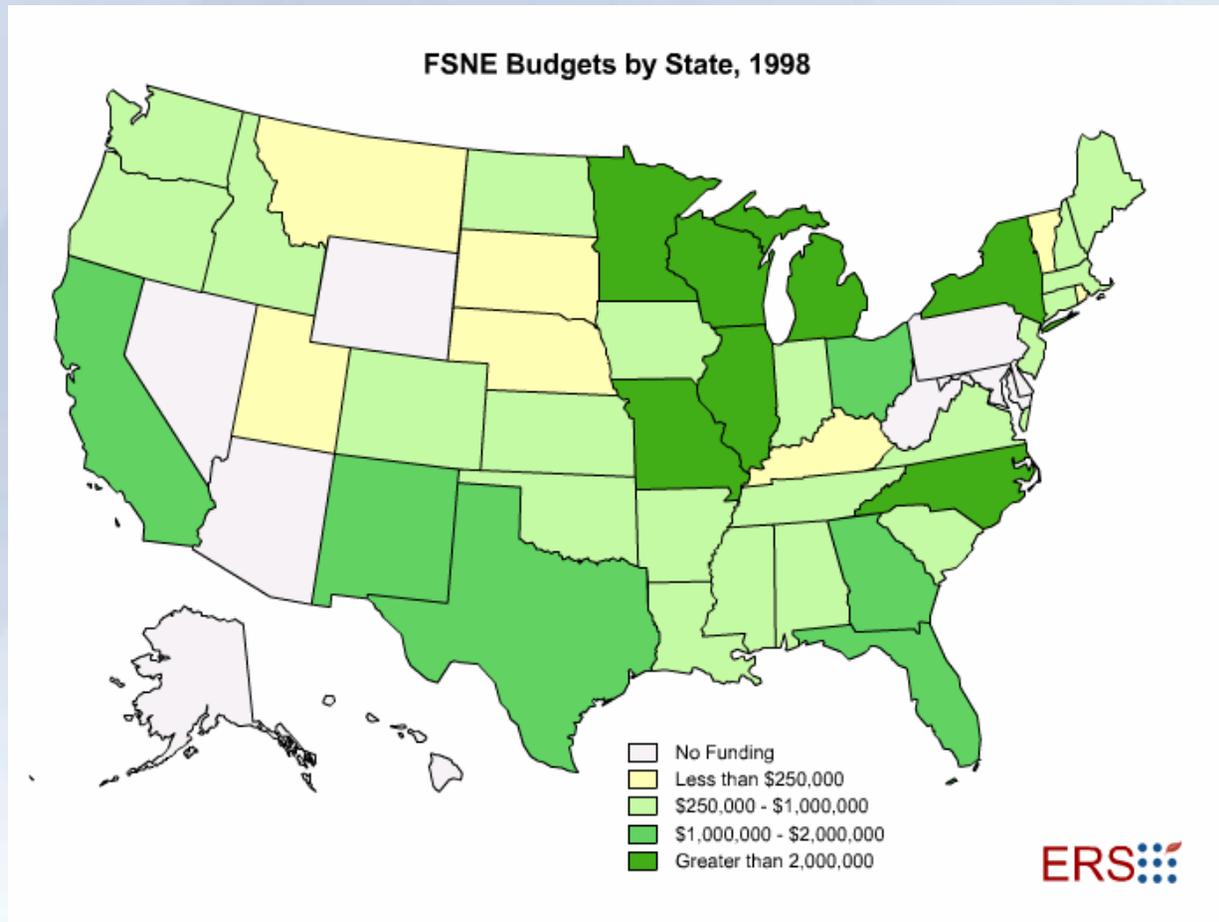


# Draft FSNE Web Outline/3

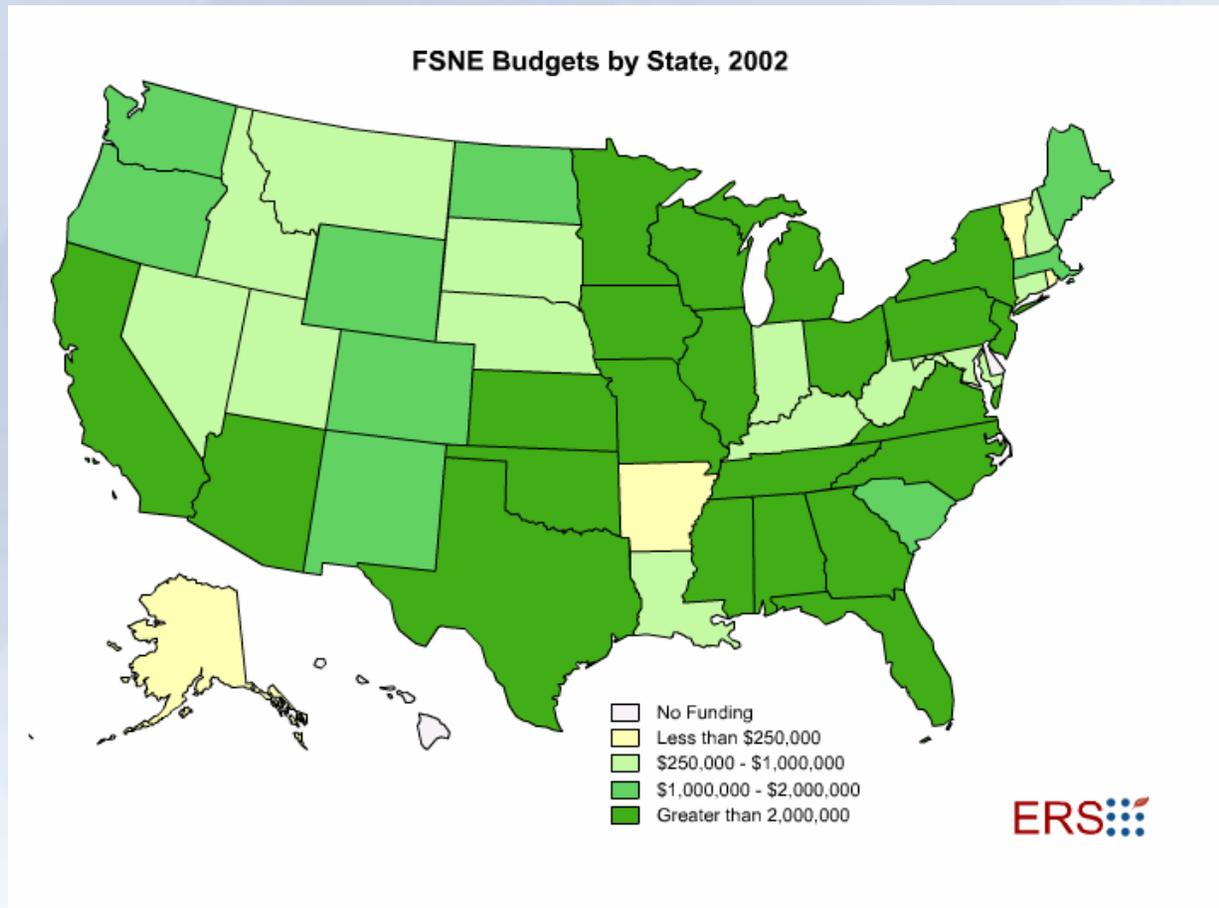
- Recommended Links
  - Food and Nutrition Service (FNS)
  - Food Stamp Nutrition Connection
  - Cooperative State Research, Education, and Extension Service (CSREES)



# FSNE Map Machine--1998



# FSNE Map Machine--2002



# Food Stamp Program Map Machine

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search  go

home research emphases key topics briefing rooms publications data site map about ERS

home > data > food stamp program map machine

**data**  
food stamp program map machine

Select a Data Set: Per Capita FSP Participation, 1999

Include:  
 County boundaries  
 County names

Zoom To: Select a State... go

Click map to:  
 Zoom In  Zoom Out  Pan  Identify [Full Extent | National Statistics | Instructions]

Legend  
Per Capita FSP Participation, 1999

Lightest Green	Less than 4.8%
Light Green	4.8% - 8.7%
Medium Green	8.7% - 14.3%
Dark Green	14.3% - 23.1%
Darkest Green	Greater than 23.1%

Source: USDA/ERS.

for food stamp information, contact: [Parke Wilde](#)  
for technical information, contact: [Chris Dicken](#)  
web administration: [webadmin@ers.usda.gov](mailto:webadmin@ers.usda.gov)  
page updated: May 19th, 2003

- An interactive mapping application that incorporates county-level Food Stamp Program data.
- Available at the ERS website at: <http://www.ers.usda.gov/data/foodstamps>
- Dynamic (rather than static) maps allow user to investigate spatial and temporal trends in Food Stamp Program data.



# FSP Map Machine Features - Map Navigation Tools and Layers

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U.S. DEPARTMENT OF AGRICULTURE

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[home](#) > [data](#) > [food stamp program map machine](#)

**data**  
**food stamp program map machine**

**Select a Data Set**

**Include**  
 County boundaries  
 County names

**Zoom To**  
 go

**Click map to:**  
 Zoom In  Zoom Out  Pan  Identify

[\[ Full Extent | National Statistics | Instructions \]](#)

**Legend**  
Per Capita FSP Participation, 1999

- Less than 4.8%
- 4.8% - 8.7%
- 8.7% - 14.3%
- 14.3% - 23.1%
- Greater than 23.1%

Source: USDA/ERS.



# FSP Map Machine Features - Identify Tool

home > data > food stamp program map machine

 **data**  
**food stamp program map machine**

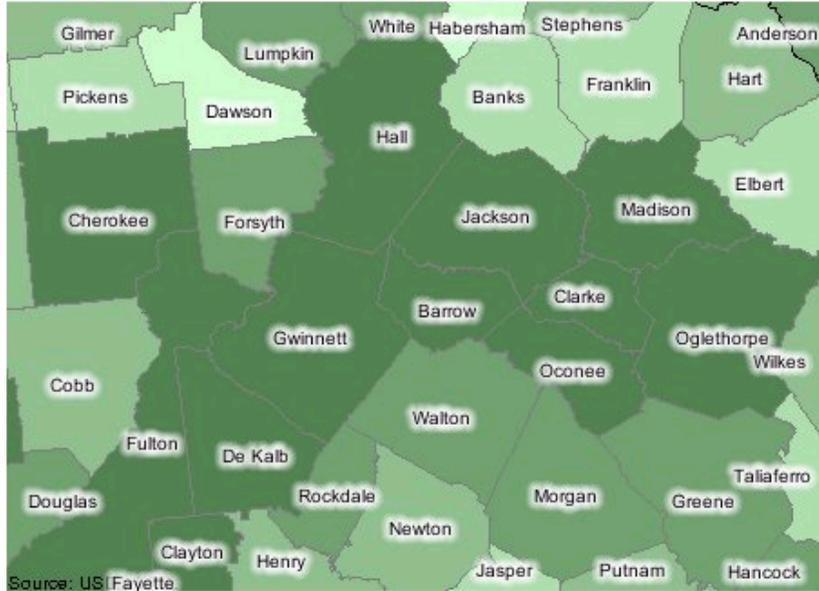
Select a Data Set: Average Benefit Per FS Recipient, 1999

Include:
  County boundaries  
 County names

Zoom To: Select a State... **go**

Click map to:  
 Zoom In  Zoom Out  Pan  Identify

[[Full Extent](#) | [National Statistics](#) | [Instructions](#)]



Source: US | Fayette

http://maps.ers.usda.gov/fsp/index.as...

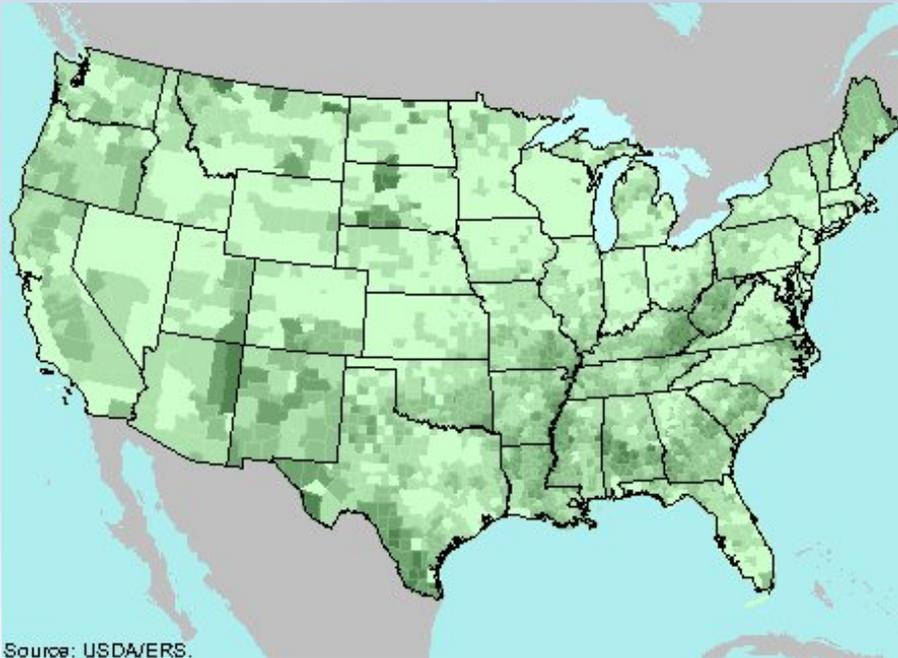
**Identify Results:** [Print](#)

County:	Jackson
State:	Georgia
FSP Participation, 1999:	2,461
Amount of FSP Benefits, 1999:	\$2,340,000
Amount of TANF Benefits, 1999:	\$714,000
Per Capita Poverty, 1999:	11.73%
Per Capita FSP Participation, 1999:	5.92%
FSP Participation Per Poor Person, 1999:	50.45%
FSP Benefits Per Poor Person, 1999:	\$480
TANF Benefits Per Poor Person, 2000:	\$146
Per Capita FSP Benefits, 1999:	\$56
Per Capita TANF Benefits, 2000:	\$17
Percent Change in FS Recipients, 1989 - 1993:	122.78%
Percent Change in FS Recipients, 1993 - 1997:	-18.60%
Metro/Nonmetro Counties:	0
Average FS Benefits Per Participant, 1999:	\$950



# FSP Map Machine—National Data

## Per Capita FSP Participation, 1999

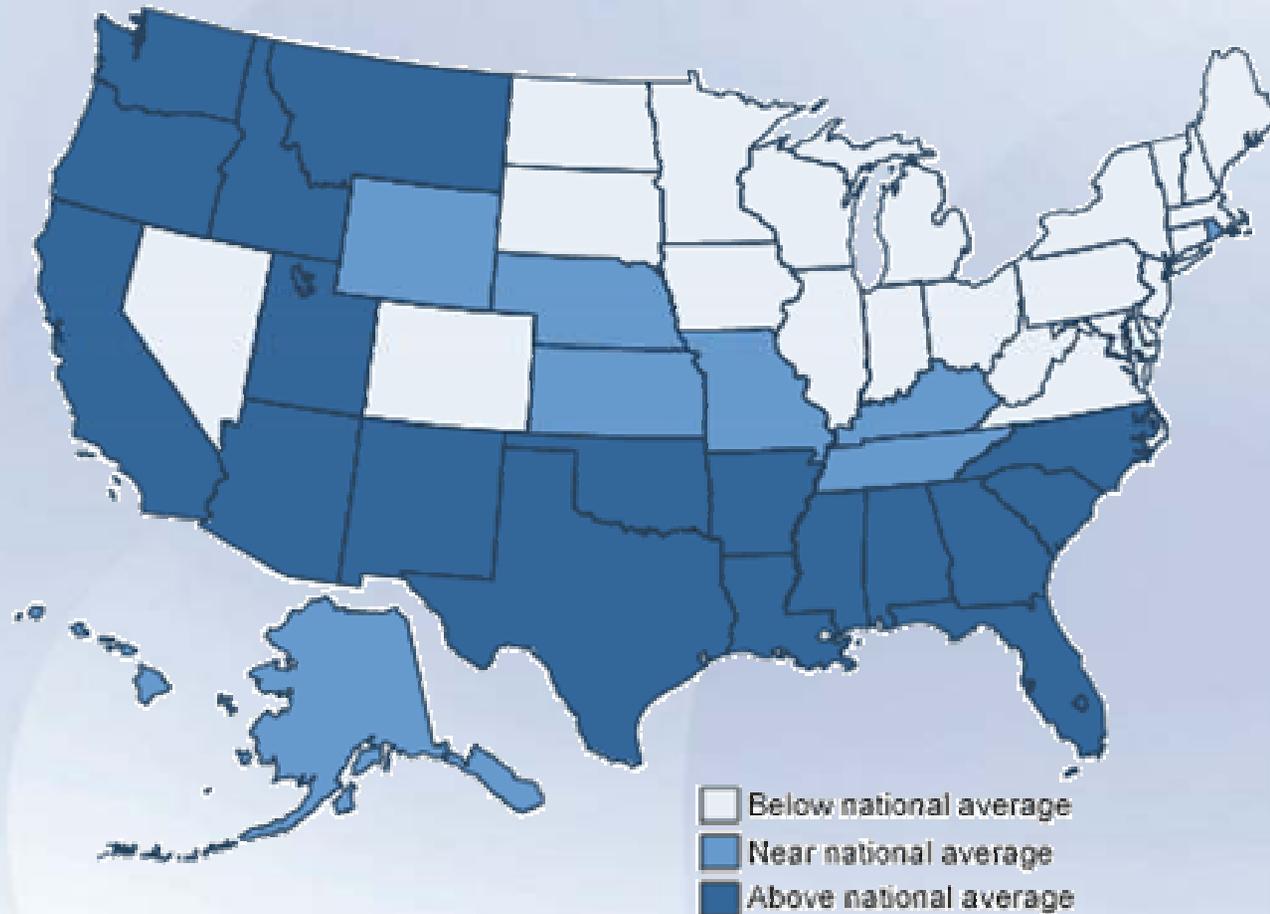


-  Less than 4.8%
-  4.8% - 8.7%
-  8.7% - 14.3%
-  14.3% - 23.1%
-  Greater than 23.1%

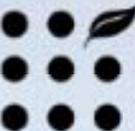


# Food Security in the U.S.: Conditions and Trends

Prevalence of food insecurity, average 2000-2002



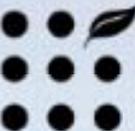
Source: Calculated by ERS based on Current Population Survey Food Security Supplements.



# Food Security in the U.S.: Household Survey Tools

- Guide to Measuring Household Food Security, Revised 2002

[www.ers.usda.gov/FoodSecurity/surveytools](http://www.ers.usda.gov/FoodSecurity/surveytools)



# State Fact Sheets

- Information by State on:
    - Population
    - Per-capita income
    - Poverty rate
    - Total number of jobs
    - Unemployment rate
    - Percent employment change
    - Farm & farm-related information
- [www.ers.usda.gov/StateFacts](http://www.ers.usda.gov/StateFacts)



# Feedback Welcome!

- For comments and feedback, contact me at:

[estommes@ers.usda.gov](mailto:estommes@ers.usda.gov)

