

## Human Nutrition Research For the 2010 Dietary Guidelines Committee Meeting

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Research, Education, and Economics



## Agricultural Research Service (Intramural Nutrition Research)



- Food-based approach
- Normal healthy adults & children
- Long-term studies
- State of the science facilities & equipment
- Multi-disciplinary
- Ties nutrition with agricultural research

<http://www.ars.usda.gov/HumanNutrition>

## Ensuring a Safe, Affordable, Nutritious, and Accessible Food Supply



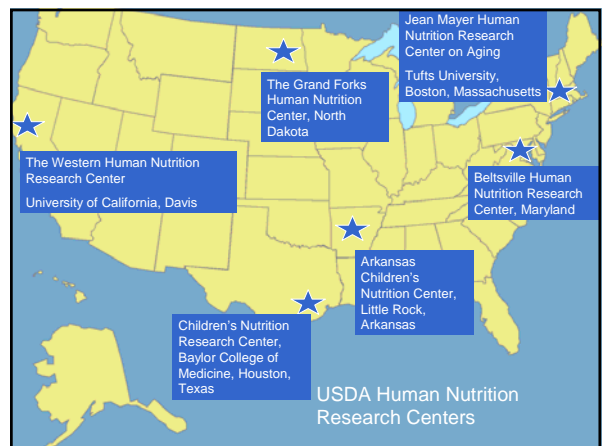
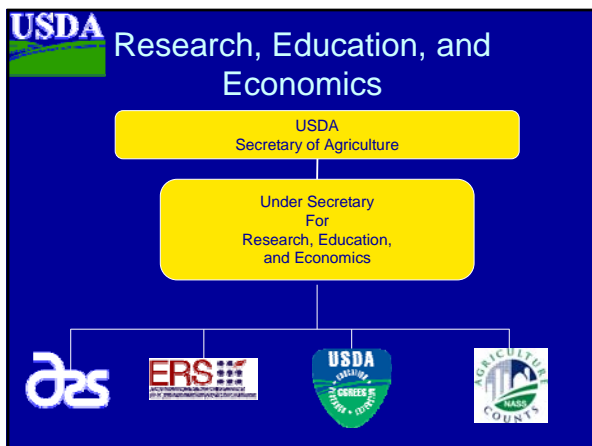
- Food assistance programs
- Education
- Human nutrition research
- Food safety


[www.usda.gov](http://www.usda.gov)




## Nutrition Research Components

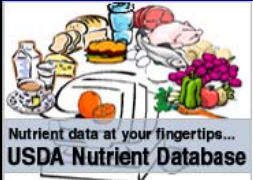

- Nutrition Monitoring and the Food Supply
- Scientific Basis for Dietary Guidance for Health Promotion and Disease Prevention
- Prevention of Obesity and Related Diseases
- Life Stage Nutrition and Metabolism



## ARS' Role in Dietary Guidelines

- Research for scientific basis for dietary guidance
- What We Eat in America Survey
- USDA Nutrient Databank

<http://www.fnic.nal.usda.gov/>



## Expanded Food and Nutrition Education Program



- Teaches:
  - Food Production
  - Preparation & Storage
  - Safety & Sanitation
  - Nutrition
  - Fitness
  - Health



## Cooperative State Research Education and Extension Service

- Extramural funding of nutrition research and educational programs
- 20 active projects address Dietary Guidelines



<http://www.csrees.usda.gov/>



## Economic Research Service



- Food Economics Research
  - Studies of factors influencing food choices and food markets, nutrition, food safety, food security, and health outcomes
  - Publications available online at [www.ers.usda.gov](http://www.ers.usda.gov)



## National Research Initiative Nutrition Programs

- Two focus areas:
  - Health benefits of nutrients and other bioactive food components
  - Obesity prevention, including development of successful interventions
- FY 2008: 30 awards, \$15.9 M





## Extramural Research: Food Assistance and Nutrition Research Program (FANRP)

- Diet and nutritional outcomes
  - How USDA programs enhance access to and choices of palatable, nutritious, and healthy diets.
- Food program targeting and delivery
  - Gauge the success of programs and examines program gaps and overlaps.
  - Examine specific issues, such as differences between rural and urban delivery.
- Program dynamics and administration
  - How program needs change with local labor market conditions, economic growth, and changing state welfare programs.

[www.ers.usda.gov/Briefing/FoodNutritionAssistance](http://www.ers.usda.gov/Briefing/FoodNutritionAssistance)

## Selected Projects Focusing on Nutrition, Food Safety, and Health



- Consumer Use of Food Labels
- Behavioral Economics Applications to Improving Diet Quality
- Safety of Imported Foods
- Food Stamps and Obesity
- Prices of Healthy Foods

