# Food Safety for **Boomers** and **Beyond CKSTA** Kansas State Universi

Food Cooking Temperatures

and Thermometers

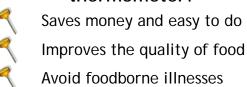
### Placing a Thermometer:

- Insert stem dimple into the thickest part of the food
- Do not touch fat, bone, or pan
- Read when thermometer stabilizes

#### Did you know?

- Changes in meats' color, texture, or consistency are not reliable food safety indicators
- **O** Why is the cooking temperature for ground meats higher than roasts or steaks?
  - Suring the grinding process, there is a greater chance of introducing bacteria

Sthe center of whole meats have not had bacteria introduced



- Why should I use a food thermometer?
- Saves money and easy to do
- - Avoid foodborne illnesses
  - Determine if meat is safely cooked

#### **End Point Cooking** Temperatures<sup>1</sup>

°F	
145	
160	
165	
160	
165	
160	
160	

80 100 120 140 0 Beef, Veal, 10 100 120

# **Types of Food** Thermometers<sup>1</sup>:

- Dial (Oven-Safe): Reads in 1 to 2 minutes
- Place 2-2½ inches
- Use in roasts, whole poultry, casseroles and soups

# Digital (Instant Read):

- Reads in 10 seconds
- Place at least 1/2 inch deep
- Use in thin and thick foods

# Dial (Instant-Read):

- Reads in 15-20 seconds
- Place 2-21/2 inches deep

## Thermometer Fork:

- Reads in 2-10 seconds
- Place <sup>1</sup>/<sub>2</sub> inch deep
- Use in thin and thick foods

## Pop-Up:

100 120 Leftovers<sup>140</sup>

160

160

200

180

100 120 100 120 140 Poultry 160

- Commonly used in turkeys, but not reliable
- Check final temperature with another thermometer to ensure safety

180

Source: <sup>1</sup>U.S.Dept. of Agriculture, Be Food Safe

Kansas State University – Manhattan, KS www.ksre.ksu.edu/foodsafety

100 120

Beef

Ground 140

180