



Our Focus

The Nutrition Education Program works in all 120 counties to improve the lives of limited-resource Kentuckians through education and changes in behavior and in their community. Through the Supplemental Nutrition Assistance Program Education (SNAP-Ed) and the Expanded Food and Nutrition Education Program (EFNEP), the University of Kentucky Cooperative Extension Service has agents and nutrition assistants across the state who are dedicated to improving lives where they live.

Our Challenge

Poverty

According to US Census estimates for 2016, the median household income in Kentucky is **\$46,610**, almost 20% lower than the U.S. median household income of **\$57,617**.¹ Kentucky also has higher percentages of poverty and food insecurity among its population compared to census estimate for the United States overall.

	Kentucky	U.S.
Total Poverty	17.2%	12.3%
Child Poverty	24.4%	19.5%
Food Insecurity	14.7%	11.8%

In 2016, an estimated **10,096** Bell County residents lived in poverty, and **2,675** of those were children under 18. This represents a **13.8%** increase in total poverty and **0.2%** increase in child poverty since 2008.¹

Obesity

Today, about half of all Americans have one or more chronic diseases, often related to poor diet.² These include high blood pressure, cardiovascular disease, type 2 diabetes and stroke which are often associated with obesity.



In 2017, the percentage of obese adults in Kentucky was **34.3%**, ranking it in the top 10 states for highest obesity rates in the country. Kentucky was also ranked in the top 10 for high percentages of adults with diabetes (**12.9%**) and adults with hypertension (**39.4%**).³ A large body of evidence shows that healthy eating habits and regular physical activity can help people achieve and maintain good health and reduce the risk of chronic disease throughout life.²

In 2014, **37.6%** of Bell County's adult population were considered obese.⁴

Our Solution

Provide hands-on, nutrition education to limited-resource audiences, focusing on:

- Buying and preparing healthy foods
- Developing new meal planning and cooking skills
- Adopting new healthy lifestyle behaviors
- Managing SNAP resources

In 2018, 13,433 Bell County residents with limited resources participated in nutrition education lessons.

Our Results

IN BELL COUNTY

Lifestyle improvements

In 2018, **82%** of adult participants made a positive change in food group choices and **96%** showed improvement in one or more food safety practices. In addition, **99%** showed improvement in one or more food resource management practices and **81%** made changes to be more physically active. Youth participants also experienced behavior changes, with **95%** improving their ability to choose healthy foods.

Our Success

Learning critical food safety skills

The Centers for Disease Control and Prevention estimates that each year 48 million people get sick from foodborne illness, 128,000 are hospitalized and 3,000 die. The UK Cooperative Extension Service SNAP-Ed Assistant partnered with the Just Family Adult Daycare to educate their participants on the importance of proper food safety techniques in the kitchen. Upon entry, only 40% of the participants were washing their hands before preparing food and cleaning kitchen surfaces after cutting raw meats. Using the Healthy Choices for Every Body curriculum, the participants learned how to thaw foods safely, use a meat thermometer, how to make their own sanitizing solution for cleaning kitchen surfaces and how to wash their hands properly. When exiting the program, 100% of participants showed improvement in one or more food safety practices such as washing hands before preparing food, washing all surfaces and items after cutting raw meats, not thawing frozen foods at room temperature or using a meat thermometer. One participant stated "after participating in your program I have learned that following food safety measures is the number one key to keeping me and my family safe from foodborne illness."



University of Kentucky
Nutrition Education Program
Family and Consumer Sciences Extension

 University of Kentucky
College of Agriculture,
Food and Environment
Cooperative Extension Service

SOURCES:

1. U.S. Census Bureau Small Area and Income Poverty Estimates
2. 2015-2020 Dietary Guidelines for Americans
3. The State of Obesity Report 2018
4. 2018 County Health Rankings & Roadmap

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