



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 **11,962** Madison County residents lived in poverty, and **3,574** of those were children under 18. This represents a **12.2%** increase in total poverty and **5.8%** 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, **32.7%** of Madison 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, **29,021** Madison County residents with limited resources participated in nutrition education lessons.

Our Results

IN MADISON COUNTY

Lifestyle improvements

In 2018, **94%** of adult participants made a positive change in food group choices and **96%** showed improvement in one or more food safety practices. In addition, **87%** showed improvement in one or more food resource management practices and **82%** made changes to be more physically active. Youth participants also experienced behavior changes, with **63%** improving their ability to choose healthy foods.

Our Success

Recovery residents learn about healthy choices

Drug abuse in Madison County is slowly becoming an epidemic. The need for prevention and education is in higher demand than ever before. Madison County has been home to Liberty Place Women's Recovery Center for many years. Women are taken into the program and live at the facility for 6-9 months before going to "half way housing" that provides unsupervised living with daily support and continuing education. The Snap-Ed (Supplemental Nutrition Assistance Program Education) assistant was asked to teach healthy eating patterns, meal planning and resource management skills to groups ready to move into independent living. The participants were taught MyPlate guidelines, planning meals, reading labels, how to eat better on a budget, and food safety. The two groups combined showed improvement in diet quality, physical activity, food safety, food security and resource management. One group showed nearly 100% in all categories. Most of the participants talked openly about the need for nutrition education in Kentucky and how they deeply appreciated what they had learned from the assistant. The participants also put together "nutrition books" that included lessons and recipes and were given kitchen supplies as they moved into independent living.



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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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