



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 **2,886** Henry County residents lived in poverty, and **1,114** of those were children under 18. This represents a **12.8%** increase in total poverty and **35.9%** 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, **32.9%** of Henry 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, **10,179** Henry County residents with limited resources participated in nutrition education lessons.

Our Results

IN KENTUCKY

Lifestyle improvements

In 2018, **95%** of adult participants made a positive change in food group choices and **91%** showed improvement in one or more food safety practices. In addition, **90%** showed improvement in one or more food resource management practices and **83%** made changes to be more physically active. Youth participants also experienced behavior changes, with **83%** improving their ability to choose healthy foods.

Our Success

Helping kids get a jump start on healthy habits

The Henry County Cooperative Extension Service helps develop youth skills through 4-H Project Clubs. The clubs meet monthly during the school calendar that include beginning cooking, advanced cooking, baking, and the get fit club. All clubs are open to youth from the ages of 9 to 19 and involves youth from four elementary schools, two middle schools and two high schools within the county. Both school systems within the county are on free or reduced lunch programs. Programs are accessible with transportation is provided from most of the schools in the county.

Youth in the cooking clubs interpret cooking terms, practice proper food handling, create nutritious meals, set a table and demonstrate proper etiquette. The kitchen skills also incorporate the use of math and science skills, to adapt recipes by reducing calories, sodium, and/or fat. Youth are excited to discover recipes and prepare them for family members at home. When parents arrive to pick up their children they are amazed that their picky eaters were stepping out of their comfort zone in trying new foods. One parent returned the next month saying that their child had prepared a meal for the family based on the class taught the previous month and that it was delicious.



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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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