



## 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**.<sup>1</sup> 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.
<b>Total Poverty</b>	17.2%	12.3%
<b>Child Poverty</b>	24.4%	19.5%
<b>Food Insecurity</b>	14.7%	11.8%

In 2016, an estimated **1,980** Owsley County residents lived in poverty, and **539** of those were children under 18. This represents a **15.9%** increase in total poverty and **0.9%** increase in child poverty since 2008.<sup>1</sup>

### Obesity

Today, about half of all Americans have one or more chronic diseases, often related to poor diet.<sup>2</sup> 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%**).<sup>3</sup> 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.<sup>2</sup>

In 2014, **36.6%** of Owsley County's adult population were considered obese.<sup>4</sup>

## 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, **8,351** Owsley County residents with limited resources participated in nutrition education lessons.

## Our Results

### IN OWSLEY COUNTY

#### Lifestyle improvements

In 2018, **94%** of adult participants made a positive change in food group choices and **100%** showed improvement in one or more food safety practices. In addition, **100%** showed improvement in one or more food resource management practices and **100%** made changes to be more physically active. Youth participants also experienced behavior changes, with **91%** improving their ability to choose healthy foods.

## Our Success

### Parents challenge themselves to better health

**T**he Owsley County EFNEP Assistant along with eleven parents participated in a nutritional and physical challenge to become healthier. Over a period of six weeks, the assistant focused on budgeting and healthier meals, providing a healthier alternative recipe after each lesson. This was followed by some type of physical activity while reviewing the progress in each participant. The main focus was directed towards nutrition and how to eat healthier without sacrificing taste or favorite meals. A total of 36 pounds was lost during this challenge. Through this challenge, families learned ways to be more active together and focused on healthier meals. Six parents reported that their menus had changed at home and they were focusing more on what their children ate throughout the week. Participants are looking forward to another challenge for the coming year.



University of Kentucky  
Nutrition Education Program  
Family and Consumer Sciences Extension



**UK** 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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