

Improving Health and Safety through EDUCATION AND PREVENTION



Challenges

- Texans spend approximately \$239 billion annually on health care, or about \$10,000 per capita. More than 80% of health care costs are due to chronic conditions.
- Higher diabetes incidence rates and increased costs are expected in the future due to the growing population of Hispanics/Latinos, who are at greater risk for the disease.
- Obesity prevalence among adults in Texas has risen sharply, from 12% in 1990 to 36% in 2020.
- Aside from vaccination, meeting physical activity recommendations and managing weight are the most important actions one can take to minimize the risk of a severe COVID-19 infection.



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AgriLife Extension Response

The Texas A&M AgriLife Extension Service delivers various educational programs focusing on health, wellness, and disease prevention for adults and youth, including diabetes education, nutrition and exercise, food safety, child safety seat education and early cancer detection.

Economic Impacts

The economic impact of eight AgriLife Extension health and wellness programs was measured in terms of lifetime health care cost savings, avoidance of lost wages, and nutrition-related food cost savings. These programs delivered **40,100 educational events** in 2021, resulting in more than **1.4 million** adult educational and other contacts, with economic benefits estimated at **\$76.1 million**.

- **Texas 4-H Youth Development Program** reached **9,600 youth** participants through health and safety education programs. Another **43,800 youth** participated in nutrition and physical activity education programs.
- **Diabetes education programs** reached more than **92,000** educational and other contacts, teaching participants the skills to better manage their diabetes, and to effectively reduce the risk of developing diabetes. Lifetime economic benefits have been estimated at **\$6.5 million**.
- **Nutrition and food resource management programs** reached more than **3,700 participants**, with economic benefits estimated at **\$1.4 million**.
- **Physical activity** programs attracted **13,100 participants**, with lifetime economic benefits estimated at **\$64.6 million**.
- **Child safety seat programs** save lives. The economic benefit of the proper use of child safety seats for the **1,900 participants** is estimated at **\$3.6 million**.
- The **Healthy South Texas** program engaged more than **13,400 adults** and youths in healthy lifestyle education programs, with lifetime economic benefits estimated at **\$9.0 million**. AgriLife Extension and the Texas A&M Health Science Center are working to reduce the highest-impact diseases and their consequences throughout a 27-county region in South Texas. The goal is to focus on prevention by engaging families and communities, promoting healthy behaviors, encouraging preventive care and improving disease outcomes.



EXTENDING KNOWLEDGE | PROVIDING SOLUTIONS

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