

Program Summaries, Impact & Public Value



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Program	Grand Challenge	Impact	Public Value
<p>Shawnee StartUps Leadership provided by Shawnee County Extension’s Community Development PDC in 2016 lead to a partnership with NetWork Kansas and the creation of <i>Shawnee StartUps</i>, an e-Community (entrepreneurial). A leadership team comprised of community partners guides the work of the e-Community, whose mission is to “<i>encourage and support entrepreneurs.</i>” Cindy Evans coordinates the Leadership Team.</p> <p>Tax credits are sold annually by NetWork Kansas to fund regional loan pools and to provide marketing funds for the leadership team to educate lenders, entrepreneurs and the community.</p>	<p>Community Vitality</p>	<p>Shawnee County e-Community Impact:</p> <p>In 2018:</p> <ul style="list-style-type: none"> *Shawnee StartUps was upgraded to a Level 1 e-Community, giving us access to a loan pool of \$250,000. *Two loans were approved in 2018 and payments are being received for three loans made in 2017. *Six local businesses attended Destination Bootcamp, an intensive marketing training taught by Jon Schallert, to learn best practices to increase sales through targeted marketing. Those business owners also participated in four monthly webinars with Schallert and hosted him for an on-site visit to provide marketing advice specific to their business. <p><i>“I am truly a changed business person due to this opportunity that was presented to us by the extension agency. We have better policies, bigger dreams and more energy.” Angie Anderson, Cashmere Popcorn</i></p>	<p>When we strengthen small business and the entrepreneurship spirit, local jobs are created. Employees work closer to home which supports other local business. When people shop in their local communities, their tax dollars stay within the local economy.</p>

Ahead for 2019:

*More loans!

*Shawnee StartUps will be sending a team of six businesses to Destination Bootcamp, a 3-day intensive training by Jon Schallert. The workshop is part of a Community Reinvention program designed to drive more sales and customer traffic to businesses while at the same time, turning their city into a destination for consumers.

Entrepreneurship

*Funding from the Katey Walker Award and the Shawnee County Extension Education Foundation created an entrepreneurship pilot effort for 4-Hers. Nine youth participated in 4-H Projects to Profits.

Entrepreneurship

Program Efforts in 2019:

*4-H Projects to Profits will transition to the Youth Entrepreneurship Challenge (YEC). This opportunity is a regional competition which includes submission of a business plan, participation in a trade show and a pitch competition. Youth in grades 7–12 are eligible to participate. Cash prizes are available to the top three placers and the top competitor will advance to the state event in Manhattan in April.

**Community
Vitality**

“We changed our floor plan after Jon’s on-site visit, which resulted in more sales of slow moving inventory and positive comments on the store’s feel.” Al Struttman, Moburt’s Spices and More



“We made changes suggested by Jon and added a unique positioning statement on our website. Our sales have increased by 27%.” Chad Bullock, Managing Partner, Premier Farm and Home

At Left: Jon Schallert visits Premier Farm and Home and give marketing advice to owner, Chad Bullock.

*The Lenders’ Event deepened our connection to financial institutions, thus we have reached out to those lenders to make nominations for businesses to attend Destination Bootcamp in 2019.

4-H Projects to Profits engaged youth to:

- *Create a talk for 4-H Day considering how a 4-H project could become a profitable business.
- *Participate in workshops to learn tips for managing the marketing and finances of a startup business.
- *Compete in a pitch competition at the Shawnee County Fair. Five 4-Hers competed and all took home cash prizes to further their business dream.
- *Participate in a field trip to the KSU campus to visit the Value-Added Lab managed by Fadi Aramouni. The lab conducts product testing for food entrepreneurs, provides advice, creates nutrition facts labels for products and grants process authority for foods sold at Farmer’s Markets, fairs, food trucks, but not in retail stores.

PRIDE

Two Shawnee County communities are registered with the PRIDE program. KSRE partners with the Kansas Department of Commerce, private sector companies and associations to assist with the community development planning process.

Community Vitality

Dover PRIDE hosted an Easter Egg hunt attended by 85 adults and 70 children, provided events at Dover Days and Donuts with Santa. These efforts are meant to build a sense of community. They are working to advertise the kitchen in their community center as an incubator kitchen. Volunteers for Dover PRIDE have logged 486 hours in 2018. Dover continues Community of Excellence status and PRIDE volunteers logged 486 hours.



Rossville PRIDE volunteers logged 500 hours this year and raised nearly \$2,000. The group created a window display in a large vacant building to promote items being auctioned at the Pallet of PRIDE (POP) Art Auction during the Tall Corn Festival. This effort raised \$1350 which was donated to the Rossville Community Foundation for Main Street Beautification. They installed a brick walkway in Andrick Park, selling bricks to honor veterans, in memorial or as recognition. Rossville PRIDE continues Community of Excellence status.



Rural, suburban and urban communities throughout Kansas face many challenges. When citizens combine their experiences and skills, everyone in the community benefits. Extension programs such as PRIDE and Board Leadership strengthen the skills of volunteers to prepare them for leadership roles in their community.

Extramural Funding and Volunteer Service

Many groups whether private, non-profit or governmental look for additional resources to carry out their mission. Some contributions are cash or grants, and others are in-kind donations and volunteer service.

Community Vitality

*48 people attended a Grant Writing workshop in Topeka taught by Nancy Daniels, a KSRE Community Vitality Specialist. Participants learned where to look for financial resources and how to tell their story with conviction, describing how their program meets the mission of the identified funder.

*Agents for K-State Research & Extension – Shawnee County also seek outside funding to support our programs. This year 38 contributions were documented totaling \$114,451, an increase of \$12,000 from last year. In addition to the cash and in-kind resources donated to our programs, volunteers for PRIDE, 4-H, FCE, VITA and Master Gardeners totaled 26,070 hours valued at \$629,329.

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<p>Emergency Operations</p> <p>Program efforts for 2018:</p> <p>*Community Preparation for Disaster (Cindy Evans, Leroy Russell and Susan Fangman all served on Emergency Support Function #11 for Shawnee County.)</p> <p>*Shelter In Place (Cindy Evans)</p> <p>*Get Financially Prepared Ahead of Disaster (Susan Fangman)</p> <p>While 90% of homeowners are concerned with protecting their home, only 41% have documented their contents. Nearly 80% of insurance professionals believe claims are processed 50 – 100% faster when customers have completed a home inventory in advance. (Allstate Insurance Survey)</p>	<p>Emergency Preparedness is assigned to our office as a County Department. Three agents serve on Emergency Support Function #11.</p>	<p>Emergency Support Function #11: Leroy, Cindy and Susan participate in practice exercises and Emergency Support Function meetings in preparation of a local emergency.</p> <p>Continuity of Operations Plan: As a county department we are asked to create a Continuity of Operations Plan and update it annually. This ensures that if our workplace is affected by a disaster, we have a Memorandum of Understanding with another business (Shawnee County Farm Bureau) where we can work temporarily until our office is open or relocated. Many important documents related to our work and staff have been uploaded to a secure website where they can be accessed.</p> <p>Shelter in Place: This information is used to educate the public about preparing for weather emergencies and staying off the roads during bad weather, when traffic stuck in snow drifts can impede the clearing of streets and emergency routes.</p> <p>Prepare Kansas: September is National Emergency Preparedness Month. Messages are shared with the public to get financially prepared ahead of disaster by assembling important records in a grab and go kit and creating a home inventory to aid them if a loss occurs.</p>	<p>Education in traditional preparedness measures (<i>prepare a supply kit, food, water and medications on hand, flashlight, a change of clothes, etc.</i>) is important to new audiences who may not be familiar with the disasters that frequent Kansas.</p> <p>Imagine a community hit by disaster that isn't insured, compared to a community that is. Education motivates residents to financially prepare for disaster by reviewing insurance coverage, creating a home inventory and assembling a financial grab and go kit. Financial preparedness is an indicator in the likelihood of a community to recover.</p>

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<p>Indoor Air Quality Mold, Carbon Monoxide, Radon (<i>Radon awareness helps homeowners test their homes for this cancer-causing gas and learn how to make repairs.</i>)</p> <p>Related Services *Radon test kits can be purchased in the office for \$7.00.</p>	<p>Health</p>	<p>From October 2017 – September 2018, 192 radon test kits were sold to residents conducting a first test. 21 kits were provided free to follow up on an initial high result or after a radon mitigation. Referrals are provided to local contractors who have been certified in radon measurement and mitigation. Homeowners wishing to mitigate radon within the home themselves are provided check-out materials.</p>	<p>Radon is the second leading cause of lung cancer after tobacco smoke. When Shawnee County residents test for radon, they can identify a health hazard in their home or workplace and make repairs to lower the risk for developing lung cancer.</p>

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Program	Grand Challenge	Impact	Public Value
<p>Nutrition, Health & Wellness</p> <p><i>Walk Kansas-</i> an 8-week walking program designed to develop the habits of exercising at least 150 minutes a week and to increase fruit and vegetable intake</p> <p>2019 Public program topics:</p> <ul style="list-style-type: none"> Adulting- Lifeskills education for teens and young adults Food Preservation Move More Story Walks® 	<p>Health</p>	<p><i>Walk Kansas 2018</i></p> <p>81 teams registered with 462 team members. Of those reporting the following success were noted at the end of the program:</p> <p>87% reported they adopted healthier lifestyle habits</p> <p>*60 increased energy * 33 decreased weight * 47 increased endurance *19 better able to manage stress *48 improved mood *45 more restful sleep</p>	<p><i>Walk Kansas</i></p> <p>Persons who adopt healthy lifestyle habits reduce the risk of developing chronic diseases which can affect the individual's quality of life and financial well-being. These issues often affect the resources of extended family and the greater community.</p>

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<p>Financial Security</p> <p>Senior Health Insurance Counseling</p> <p>VITA- Free Tax Assistance for low to moderate income residents</p> <p>This effort helps stimulate the local economy, through the return of federal and state tax refund dollars and tax credits. It helps to reduce the demand for public assistance by assisting taxpayers to first access the money they are legally entitled to through tax refunds; and stabilizes the county tax base.</p> <p>2019 Public program topics:</p> <p>Medicare Basics/New to Medicare</p> <p>Financial Emergency Preparedness</p>	<p>Community Vitality</p> <p>Health</p> <p>Community Vitality</p>	<p>Comparing Prescription Drug Plans:</p> <p>197 individuals were counseled during the 2018 Medicare Part D open enrollment period effective January 2019</p> <p>105 beneficiaries changed plans saving \$64,100.</p> <p>9 individuals saved over \$1000 each by comparing and changing their prescription drug plan for the following year.</p> <p>Provided New-to-Medicare counseling to 37 individuals</p> <p>Susan coordinates 11 free public tax assistance sites in Shawnee County. The Asset Building Coalition which they lead represents VITA and AARP tax volunteers, as well as educational, government and social service agencies. Volunteers filed 6,311 federal tax returns for Tax Year 2017; this includes 16 paper returns, 86 prior year; and 424 completed with facilitated self-assistance. A similar number of state returns were filed as well.</p> <p>*Free tax sites helped taxpayers receive \$6,186,115 in federal refunds and place on record just over 1 million in tax liabilities.</p> <p>*The free tax assistance saved taxpayers approximately \$1,420,000 in tax preparation fees. This is figured at an average of \$225 per return, the amount the IRS uses to estimate the value.</p> <p>*93 volunteers were recognized for service to VITA and AARP.</p> <p>*United Way of Greater Topeka donated \$5,000 towards VITA efforts. Many sites provide in-kind donations of space and supplies.</p>	<p>Senior Health Insurance Education</p> <p>When seniors make informed decisions about health care, they are more likely to get adequate and affordable care, reducing the likelihood they will need to rely on public resources, such as Medicaid, for assistance.</p> <p>Free Tax Assistance helps citizens access the money that they are entitled to. This puts more money in to the local economy.</p>

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<p>Family and Community Education The Mission of FCE is strengthening individuals, families and communities through continuing education, developing leadership and community action</p>	<p>Developing Tomorrow's Leaders</p>	<p>FCE members volunteered 2599 hours in teaching educational lessons and volunteering in our community. Many members volunteer weekly at a local food pantry. Shawnee County FCE also sponsored a speaker to inform the public about human trafficking.</p>	<p>Volunteers develop skills of management and leadership as they work. These skills are transferrable to other organizations and can benefit the community as they gain confidence to take on new challenges.</p>



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Program Summaries, Impact & Public Value

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<p>Growing and Strengthening 4-H Families with youth between ages 5 – 18 are encouraged to join a 4-H Community Club where youth can practice leadership, citizenship, and service through club meetings, projects and activities at the local, county, state and national level. Shawnee County has 12 community clubs led by volunteers.</p> <p>Programs available to 4-H members include Club Days, judging contests, Jr.-Sr. Lock-In, day camps, Shawnee County Fair, Kansas State Fair and project meetings.</p> <p>4-H Camp is a way for all youth in Shawnee County to have a summer camp experience to develop leadership (for counselors) and social skills and independent living (for campers.)</p> <p>Short term 4-H experiences are also available through School Enrichment programs delivered to educators and Special Interest clubs, a six-week 4-H project study.</p>	<p>Developing Tomorrow's Leaders</p>	<p>In 2018 Shawnee County 4-H Enrollment had 464 members in Community Clubs and Short term project clubs.</p> <p><i>"As a result of my experience in 4-H...":</i></p> <p>70% of Shawnee County 4-H'ers said they Always or Usually set goals for themselves;</p> <p>85% of Shawnee County 4-H'ers said they Strongly Agree or Agree that they don't let friends talk them into things that they don't want to do</p> <p>67% of Shawnee County 4-H'ers said they are Always or Usually confident to speak in front of a group</p> <p>92% of Shawnee County 4-H'ers said they Strongly Agree or Agree that they have learned things that help them make a difference in their community</p> <p>92% of Shawnee County 4-H'ers said they Strongly Agree or Agree that they have a plan for reaching their goals.</p>	<p>4-H helps the entire community by instilling the qualities of leadership, citizenship, service and caring in each of our members. Research has shown the youth who participate in 4-H are 4 times more likely to give back to their communities than their non 4-H peers.</p> <p>Shawnee County 4-H is developing tomorrow's Shawnee County leaders and the neighbors you want to live by.</p>

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<p>Volunteer Development</p> <p>Volunteers are recruited from the community to assist with program delivery and increase the number of programs available. The volunteers include community club leaders, project leaders, Special Interest (SPIN) Club leaders and unique areas that enrich the 4-H experience.</p> <p>Relationships with caring adults are essential for youth to achieve their potential because of the guidance, respect, skills, knowledge and wisdom adults can share.</p>	<p>Developing Tomorrow's Leaders</p>	<ul style="list-style-type: none"> ◆ 4-H volunteers contributed over 3,000 hours of service in 2018 serving as club leaders, leading project meetings, planning and conducting workshops and more. ◆ According to Shawnee County Volunteer surveys 78% of registered volunteers said the work they do for 4-H was very meaningful to them. 69% of surveyed volunteers said getting information from the office was very easy and 31% said it was moderately easy. 89% of surveyed volunteers said they are very likely to continue volunteering with Shawnee County 4-H. 	<p>Volunteers who have ownership with the program they volunteer for leads to a more self-sustaining organization benefiting the community by the organization's ability to reach more individuals.</p>

Program Summaries, Impact & Public Value



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Program	Grand Challenge	Impact	Public Value
<p>EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM</p> <p>Poor diets and limited physical activity are major health concerns especially for Kansans with limited resources. EFNEP improves the health and well-being of limited resource families and youth.</p> <p>EFNEP offers practical lessons in basic nutrition, food preparation, food budgeting, food safety and physical activity in settings convenient for the participants.</p> <p>Adult EFNEP:</p> <ul style="list-style-type: none"> • Healthy You & Baby Too (prenatal education) • Eating Smart Moving More Classes • Work for Success (Nutrition education class for people who are in arrears in their child support) • Mirror, Inc. and Parolees– (Groups for persons re-entering the workforce after prison) 	<p>Health</p>	<p>EFNEP Adult Program served 211 households, reaching 746 family members:</p> <ul style="list-style-type: none"> • 146 women, 65 men • 112 women were pregnant • 152 households graduated <p>Race--69 percent White, 18 percent Black, 4 percent multi-race, 9 percent other; Ethnicity-Hispanic 31 percent</p> <p>EFNEP Graduates Improvement on Behavior:</p> <p>Diet Quality--</p> <ul style="list-style-type: none"> • Fruits and vegetables intake increased by 0.7 cups • Total cost savings on food purchases for graduates was \$5849 or an average of \$40 per person • 43% Eat fruit more often each day. (62 of 145) • 43% Eat vegetables more often each day. (63 of 145) • 45% Eat red and orange vegetables more often each week. (65 of 145) • 43% Eat dark green vegetables more often each week. (62 of 145) • 39% Drink regular soda less often. (57 of 145) • 41% Drink fruit punch, fruit drinks, sweet tea, or sports drinks less often. (60 of 145) • 40% Cook dinner at home more times a week 	<p>EFNEP participants learn healthy eating and physical activity habits so they can make healthier lifestyle choices. This leads to fewer weight-related chronic and acute diseases and improved quality of life, benefiting other community members by lowering the public cost of health care and health insurance.</p>

Policy, Systems and Environmental Change

Heartland Healthy Neighborhoods Coalition

Mission: We will mobilize the community to take action on health priorities so that policy, environment, and practice influences a culture shift toward health and wellness for everyone in Shawnee County.

EFNEP belongs to Healthy Babies work group to reduce low birth weight infants and infant mortality by advocating for increased access to adequate prenatal care, breastfeeding, safe sleep practices, increased use of car seats, and decreased substance abuse. EFNEP partners with GraceMed to offer Healthy You and Baby Too to pregnant women and will partner with Shawnee County Health Department to provide the Becoming a Mom classes.

KAW Area Breastfeeding Coalition

EFNEP also participates in the KAW Area Breastfeeding Coalition whose mission is to provide education and advocacy on the importance of breastfeeding. Current county data is not available but the state of Kansas has improved according to the CDC's [2018 Breastfeeding Report Card](#). Kansas is one of **only 4 states** to exceed national averages and Healthy People 2020 goals in 4 core measures – any breastfeeding, exclusive breastfeeding at 3 & 6 months and any breastfeeding at 12 months. Kansas formula supplementation rates in the first 2 days of life also continue to decline and are well below the national average of (13.5% Kansas v. 17.2% U.S., and 41.1% of babies in Kansas are born in Baby-Friendly facilities, far exceeding the national average of 27.6%.

Physical Activity--

- 45% Improved on exercising for at least 30 minutes more days a week. (65 of 145)
- 39% Improved on Strengthening muscles more days a week. (56 of 145)
- 45% Improved on Making small changes to be active more often. (65 of 144)

Food Safety--

- 21% Wash their hands more often before preparing food. (30 of 145)
- 28% Clean items/surfaces more often after contact with raw meat or seafood. (41 of 145)
- 50% Thaw frozen food at room temperature less often. (73 of 145)
- 50% Use a meat thermometer more often. (73 of 145)

Food Security/Food Budgeting--

- 32% Improved on having enough to eat. (47 of 145)
- 26% Improved on having enough money for food. (38 of 144)
- 40% Cook dinner at home more times a week. (57 of 144)
- 46% Compare food prices more often. (66 of 145)
- 46% Plan meals before shopping more often. (67 of 145)
- 41% Check cupboard before shopping more often. (59 of 145)
- 41% Make a list before shopping more often (60 of 145)

Program	Grand Challenge	Impact	Public Value
<p>EFNEP Nutrition Education for Youth:</p> <p>Programs: Healthy Kids: School Enrichment and Out-of-School programs for 3rd grade and above.</p> <p>Eligible schools and organizations: 50 percent of higher students/youth receiving free or reduced school lunch.</p>	<p>Health</p>	<p>EFNEP youth in 2017-2018</p> <ul style="list-style-type: none"> • 265 youth • 16 programs • 49 percent males • 51 percent females • 1590 contacts • 39 third grade students • 214 fourth grade students • 5 middle school students • 6 high school students • Race/Ethnicity--77 percent White, 20 percent Black, 3 percent others, Ethnicity--9 percent Hispanic • New groups this year--Florence Crittenton, Boys and Girls Club, Gil Carter Initiative <p>Improvement of Behavior - 3rd - 5th Grade</p> <p>Diet Quality--</p> <ul style="list-style-type: none"> • 31% (68 of 220) Eating more vegetables • 28% (63 of 222) Eating more fruits • 32% (70 of 222) Eating more healthy snacks • 18% (33 of 188) Eating breakfast more often • 21% (39 of 187) Asking someone to buy fruits/veg • 26% (48 of 187) Asking someone to buy low-fat milk • 33% (1 of 3) Asking to have fruits and juices within reach • 67% (2 of 3) Asking to have vegetables within reach <p>Physical Activity--</p> <ul style="list-style-type: none"> • 25% (47 of 187) Doing more physical activities • 8% (3 of 37) Improved in their responses to: Being active every day is fun • 67% (2 of 3) Improved in their responses to: Being active is good for me <p>Food Safety--</p> <ul style="list-style-type: none"> • 67% (2 of 3) Disposing of pizza left out of the refrigerator overnight • 16% (28 of 172) Washing hands before food prep more often 	<p>EFNEP youth learn healthy eating and physical activity habits so they can make healthier lifestyle choices. This leads to fewer weight-related chronic and acute diseases and improved quality of life, benefiting other community members by lowering the public cost of health care and health insurance.</p>

Improvement of Behavior - 6th - 8th Grade

Diet Quality--

- 25% (1 of 4) Eating more vegetables
- 25% (1 of 4) Eating more fruits
- 50% (2 of 4) Drinking less sugary drinks
- 25% (1 of 4) Choosing more low-fat food

Physical Activity--

- 75% (3 of 4) More days active at least 1 hour
- 100% (3 of 3) More days very active

Food Safety--

- 33% (1 of 3) Putting foods back in the refrigerator within 2 hours

Food Resource Management

- 25% (1 of 4) Using measuring cups and spoons
- 100% (3 of 3) Following directions in a recipe

Improvement of Behavior - 9th - 12th Grade

Diet Quality--

- 33% (1 of 3) Eating more vegetables
- 33% (1 of 3) Eating more fruits
- 67% (2 of 3) Drinking more milk

Physical Activity--

- 33% (1 of 3) Decreasing screen time and inactive time

Program	Grand Challenge	Impact	Public Value
<p>SHAWNEE COUNTY SNAP-ED GARDEN TO PLATE PROGRAM</p> <p>Community gardens offer a variety of social, economic and health benefits to neighborhoods and communities, especially in areas where residents don't have access to affordable, healthful foods.</p> <p>The Snap-Ed Garden to Plate program provides nutrition education to SNAP-eligible clients, especially targeting organizations who implement community gardens for their clients.</p> <p>In addition, garden leadership training is provided as well as the coordination of community garden resources.</p>	<p>Health</p>	<p>Outreach, Teaching and Training:</p> <p>SNAP-Ed Nutrition Education Behavior Improvement--</p> <ul style="list-style-type: none"> • Clients report improving on having fruits and vegetables on hand improved from "Sometimes" to "Usually" • Clients report improvement in identifying signs of stress and reducing stress. <p>Garden Leadership Training--</p> <p>We provided Community Garden Leadership Training to Communities in Schools Highland Park High School Program and North Topeka Neighborhood Improvement.</p> <p>The Garden to Plate Program provided a community garden tour for Topeka Common Ground and Master Gardeners in the Community Garden Subcommittee.</p> <p>We provided hands-on garden training at our demonstration vegetable garden. Attendees included several community garden volunteers.</p> <p>Social Media and Marketing: Nutrition messages, marketing of events and resources, and how-to information on fruit and vegetable gardening is disseminated throughout the year through the Shawnee County Extension Website and Facebook page and the Topeka Common Ground Facebook page.</p> <p>Connecting Resources:</p> <p>Seed and Seedling Give Away--</p> <p>Lowe's Home Improvement Store donated approximately \$5000 of seeds that were given out to the community at the Topeka Common Ground Seed Fair. Nearly 200</p>	<p>Community Gardens improve quality of life by</p> <ol style="list-style-type: none"> 1. providing opportunities for neighborhood and community development 2. encouraging social interaction 3. promoting skill building and self-reliance 4. beautifying neighborhoods 5. producing nutritious food 6. reducing family food budgets 7. conserving resources 8. creating opportunities for recreation, exercise, therapy and education 9. reducing crime

people picked up seeds and educational materials, including information on SNAP-Ed.

Topeka Common Ground partnered with Master Gardeners and Shawnee County Parks and Rec to grow seedlings that were given to community gardens for their spring planting.

Shawnee County Teaching Community Garden:

Approval was received from County Commissioners and Expo Advisory to expand the demonstration vegetable garden and add a community garden for all spaces and all abilities.

Two rows of test plots were completed with tomatoes, peppers, sweet potatoes and pumpkins.

Produce harvested was used in nutrition education classes and over 300 pounds of produce was donated to Blessing Boxes, Valeo, East Topeka Senior Center, I-Care and Westside Baptist Church for their food pantry.

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<p>Farm Management: Crop and Livestock Profitability Programs:</p> <p>Annual education series offered in 2019 topics include: 2019 Fall Field Day Crop Tour Kansas River Valley Experiment Field Crop Update Eastern Kansas Grazing School Open Communication Between Land Owners and Tenants, Weather Extremes-Dealing with Drought, Cold, Flood, Ice, Snow, etc., Blue-Green Algae/Pond Problems, Old World Bluestem and the 3 Top Ten Problem Weeds, and Small Acreage/Small Business Maintenance. Topeka Farm Show</p> <p>Topics for individual guidance: Farm Succession Farm Evaluation</p> <p>Related Services:</p> <p>*Soil testing for crop and hay land *Identification of Kansas insects, plants & weeds</p>	<p>Global Food Systems</p> <p>Water</p> <p>Community Vitality</p> <p>Health</p> <p>Developing Tomorrow's Leaders</p>	<p>*In 2018, routine soil tests were run on 508 fields of crops or brome grass helping farmers determine how much fertilizer to apply. Appropriate fertilizer choices reduce the farmer's expenses and controls run off, keeping our water supply clean.</p> <p>*Approximately 124 farmers and ranchers attended the spring <i>Coffee, Cookies, and Conversation</i> series meetings. 100% of the applicants gained knowledge, with 98% ranking the programs as excellent or very good. All participants reported learning recommendations that will be reflected in changes to their operations.</p> <p>*Approximately 576 local Farmers and Ranchers attended one of the workshops and educational meetings sponsored by Shawnee County Extension during 2018. Over 90% of all attending rated the day as excellent or very good. Many plan to make changes in their operations from the information they received.</p>	<p>Extension Programs help farmers and ranchers be more profitable and to be good stewards of the natural resources. When farmers are profitable, they spend money on their equipment, expanding their operation, and bringing more employees into their operation. Profitability affects the property tax on land (averaged over 8 years), so higher profits yield more tax dollars to the county. Educational programs help to keep farmers from losing their top soil, keep chemicals out of the atmosphere, and to help keep a safe food and water supply.</p>

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<p>Youth Programing in Agriculture</p> <p>Tractor Safety Training</p> <p>Tractor Safety Certification,</p> <p>Youth for the Quality Care of Animals,</p> <p>4-H Youth Support in Agriculture</p>	<p>Global Food Systems</p> <p>Water</p> <p>Community Vitality</p> <p>Health</p> <p>Developing Tomorrow's Leaders</p>	<p>*Over 3,300 local youth had the opportunity to learn about agriculture by attending the "From Farm to You", "Water Festival" and the History and Environmental Fair ("Little Acre") events. The 7-11 year old youth all learned about local agriculture, how animals and crops are raised and cared for and the healthy products that are produced by local farmers and ranchers.</p> <p>*26 youth completed a two-day tractor and farm safety course and passed a competency test on working with farm equipment and farm animal safety.</p> <p>*28 youth participated in Youth for the Quality Care of Animals training. This is a new program offered this year to produce a safe food product for the public.</p>	<p>*Today's youth are tomorrow's decision makers on these critical issues which affect food safety and an affordable food supply.</p> <p>*Agriculture is ranked as one of the three most hazardous occupations in the U.S. Education is key to keeping farmers and ranchers safe.</p>
<p>Kansas Emergency Preparedness and Disaster Recovery</p>	<p>Community Vitality</p> <p>Health</p>	<p>*Shawnee County had no Agriculture Emergencies recorded for 2018. 100 % of the small issues have been handed without any major problem. We have experience a drought, hail storms, out of control fires, animals out of their pastures, and some small out breaks of crop and livestock diseases. All of these issues have been handled without major issues and no human casualties.</p>	<p>*Every year, some part of Kansas has disasters...drought, floods, tornadoes, hail, blizzards and more. There is also the potential for accidental or intentional man-made disasters, such as chemical spills or the introduction of disease in humans, livestock or crops.</p>
<p>Farm Transition</p>	<p>Global Food Systems</p> <p>Community Vitality</p> <p>Health</p> <p>Developing Tomorrow's Leaders</p>	<p>*Classes helped get farmers and ranchers started on setting up wills and making transition decisions. 100% of the participants gained knowledge on LLC's, Estates, and Succession Planning and ranked the programs as very good and excellent. The farmers and ranchers attending these two meetings rent and or own over 29,000 acres of pasture, hay ground and crop fields.</p>	<p>*Many farms fail in the transition between generations and need help and guidance.</p>



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Program Summaries, Impact & Public Value

Program	Grand Challenge	Impact	Public Value
<p>Extension Master Gardeners: Enhance the 160 Shawnee County Extension Master Gardener's volunteer experience. This includes recruiting and training new Extension Master Gardeners, providing needed training for existing Extension Master Gardeners and assisting in overall program management.</p> <hr/> <p>Kansas Healthy Yards and Communities: Encourages residents to use best horticultural practices. Topics include soil fertility, proper water use, appropriate plant selection, integrated pest management and pollinator friendly gardens.</p> <p>Related Services:</p> <ul style="list-style-type: none"> • Soil testing for lawns and gardens • Extension Master Gardener Response Line for horticulture questions • Compost bin vouchers 	<p>Global Food Systems</p> <p>Water</p> <p>Health</p> <p>Community Vitality</p> <p>Developing Tomorrow's Leaders</p>	<p>Horticulture is one program area capable of working towards all of K-State Research and Extension's 5 Grand Challenges. Horticulture teaches community members to grow food for themselves and those around them, impacting our global food system. We tackle water every day by teaching proper landscaping techniques, best horticultural practices for watering and choosing plants suitable for our climate. Health plays a vital role in horticulture through the physical act of gardening, the benefits of eating fresh produce and the significant, positive, emotional impact that plants have on people. Communities are vitalized through vibrant gardens, beautiful landscapes, community gardens that bring people together with a common goal and by creating a plant-rich community that we all want to live in. Horticulture develops leaders by realizing that the goals we strive for; every home with a garden that is beautiful and full of food, strong communities bonded by pride in their surroundings and with streets and businesses that welcome people with beautiful flowers and mature, healthy trees, is only achievable if our youngest residents care enough to carry on the mission.</p> <p>In each of these examples, horticulture programming strives to meet each of K-State Research and Extension's 5 Grand Challenges. Horticulture programming is improving lives and improving the quality of life for Shawnee County Residents every day.</p>	<p>Horticulture has an immeasurable impact on communities. Homes with well-landscaped yards have increased value. Those same homes often have trees that reduce heating and cooling bills throughout the year. Trees near roadways reduce paving costs. Plants in our home and workplace reduce allergens, mold, dust and illnesses. Workplaces with plants have decreased absences, increased productivity and creativity from their workers. Plants are also shown to speed up recovery times in hospitals, create feelings of happiness and they can create a stronger sense of community.</p>

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Program	Grand Challenge	Impact	Public Value
<p>2019 Topeka and Shawnee County Library Programs:</p> <p>Planning Your Best Garden (Jan 17)</p> <p>Pruning Ornamental Trees (Feb 21)</p> <p>Community Gardens 101 (March 7)</p> <p>Spring Lawn Care (Mar 14)</p> <p>Organic Management of Weeds, Pests and Diseases (April 4)</p> <p>Shade Gardening (April 25)</p> <p>Gardening for Wildlife (May 9)</p> <p>Gardening Photography (June 6)</p> <p>Low Water and Drought Tolerant Plants (June 13)</p> <p>Becoming a Shawnee County Extension Master Gardener (July 11)</p> <p>Container Gardening (August 15)</p> <p>Fall Lawn Care (Aug 29)</p> <p>High Tunnels and Season Extension (Sept 5)</p> <p>Living Soil (Sept 12)</p> <p>Ornamental Grasses (Oct 3)</p> <p>Victory Gardens (Oct 17)</p> <p>Winter Garden Wonderland (Nov 7)</p>	<p>Global Food Systems</p> <p>Water</p> <p>Health</p> <p>Community Vitality</p> <p>Developing Tomorrow's Leaders</p>	<ul style="list-style-type: none"> Shawnee County Extension Master Gardeners contributed 10,574 volunteer hours in 2018. These hours were spent in Demonstration Gardens and teaching youth with special needs about gardening. Many hours were spent creating magic at the Kansas Garden Show and answering lawn and garden questions on the Response Line. The 2018 Plant Sale was the most successful yet, with a line winding down the block before the sale even opened. Volunteers put on classes, hosted booths and utilized demonstration, private and public gardens as teaching laboratories. Volunteers on the Response Line helped to answer 739 calls from community members. These calls included calls about trees, weeds, flowers, vegetables and insects. The volunteer hours contributed by Extension Master Gardeners does not include time they spent receiving additional training. In 2018, 315 routine soil tests were run on lawns, flower gardens and vegetable gardens. These soil tests are the most accurate assessment of fertilizer needs. 	<p>Extension Master Gardeners are considered experts in the field of horticulture by their community members. Our members undergo thousands of hours of training each year and are taught that what you don't know—you find out. This focus on providing research based, un-biased information to the public is what makes our programming stand out above the rest.</p>