

**V(A). Planned Program (Summary)**

**Program # 7**

**1. Name of the Planned Program**

4-H Youth Development

Reporting on this Program

**V(B). Program Knowledge Area(s)**

**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
806	Youth Development	100%		0%	
	<b>Total</b>	100%		0%	

**V(C). Planned Program (Inputs)**

**1. Actual amount of FTE/SYs expended this Program**

Year: 2014	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	61.0	0.0	0.0	0.0
<b>Actual Paid</b>	85.0	0.0	0.0	0.0
<b>Actual Volunteer</b>	75.0	0.0	0.0	0.0

**2. Actual dollars expended in this Program (includes Carryover Funds from previous years)**

Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
885000	0	0	0
<b>1862 Matching</b>	<b>1890 Matching</b>	<b>1862 Matching</b>	<b>1890 Matching</b>
885000	0	0	0
<b>1862 All Other</b>	<b>1890 All Other</b>	<b>1862 All Other</b>	<b>1890 All Other</b>
9197210	0	0	0

**V(D). Planned Program (Activity)**

**1. Brief description of the Activity**

Volunteer Management System (VMS) - recruited, oriented and trained adult volunteers to serve as club and project leaders and to serve as leaders on local, district and state committees to assist with planning and coordinating activities and events.

Club Management System (CMS) - increased the number of 4-H projects offered.

Operation Military Kids (OMK) - trained and recruited educators and volunteers, as well as partnered with military personnel, to increase awareness of issues facing military families.

Science, Technology, Engineering and Math (STEM) - Provided training and equipment for introducing youth to STEM concepts and careers.

Outreach -Utilized social media (facebook, twitter, web page) networks to reach and expanded audience of youth and alumni. Communicated the message of 4-H to all Oklahoma House and Senate members during annual 4-H Day at the Capitol.

All other - Developed and maintained programming, activities, events and educational materials focused on positive youth development.

## 2. Brief description of the target audience

Youth, children, parents, teachers, youth and adult volunteers, middle to low income families; race and ethnicity will also be recognized as an identifier of audiences; caretakers, agencies and service providers, schools, policy makers

## 3. How was eXtension used?

- 611 volunteers and educators participated in the 4-H Youth Development Working with Minors Training. Six on-line volunteer continuing education units were developed to be released in 2015.
- Companion Animal Communities of Practice, eXtension developed a companion animal video and photo contest for 4-H youth that was launched the summer of 2014.

## V(E). Planned Program (Outputs)

### 1. Standard output measures

2014	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	20000	1089000	402513	8100000

## 2. Number of Patent Applications Submitted (Standard Research Output)

### Patent Applications Submitted

Year: 2014  
Actual: 0

### Patents listed

**3. Publications (Standard General Output Measure)**

**Number of Peer Reviewed Publications**

2014	Extension	Research	Total
Actual	0	3	3

**V(F). State Defined Outputs**

**Output Target**

**Output #1**

**Output Measure**

- Web-delivered curriculum - lessons developed and tested

Year	Actual
2014	88

**Output #2**

**Output Measure**

- Educational trainings offered for volunteers and staff

Year	Actual
2014	379

**Output #3**

**Output Measure**

- Number of outreach contacts through social media, mass communications, etc.

Year	Actual
2014	9189133

**V(G). State Defined Outcomes**

**V. State Defined Outcomes Table of Content**

O. No.	OUTCOME NAME
1	40% increase in the number of certified volunteer participants managing local programming.
2	100% of counties in Oklahoma will seek caring and qualified adults will prepare youth for successful lives as community leaders and contributing citizens
3	The number of active 4-H project clubs and project groups.
4	Project curriculum training in support of Mission Mandates
5	Youth will develop a well rounded understanding of mental and emotional health obtained through project work and activities which encourage healthy life style choices - camping, recreation, shooting sports, fitness, safety, hobbies and creative pursuits through the arts.
6	Youth and adults work in partnership to identify and solve/resolve community needs and environmental issues through an organized and executed plan of action.
7	At least 500 youth will demonstrate a positive increase in making healthy lifestyle choices through the use of curricula and educational materials.
8	Participants in livestock programs will focus on acceptable animal husbandry practices, demonstrating knowledge about animal health, breeding, production, marketing and meat science while being conscientious about product quality assurance, animal welfare/well-being and protection and effects on the environment while having positive family experiences.
9	Participants will increase knowledge and awareness of STEM technologies and career opportunities, including an increased knowledge and awareness of plants and soil systems and an awareness of entomology.
10	Companion animal programs will focus on animal welfare and human-animal interaction.
11	Military families receiving support through 4-H partnerships will increase their use of local support networks

**Outcome #1**

**1. Outcome Measures**

40% increase in the number of certified volunteer participants managing local programming.

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Actual</b>
2014	7378

**3c. Qualitative Outcome or Impact Statement**

**Issue (Who cares and Why)**

Based on research by the National Camping institute there is an appropriate youth to adult ratio, which helps to insure successful contact and good risk management practices. The ratio varies by age

**What has been done**

All county and district staff are trained in the implementation of the ACCESS enrollment system. Based on information reported in the national database, 312/7387 direct volunteers are certified, 742/7387 direct volunteers are screened. 25/7387 indirect volunteers are certified and 96/7387 indirect volunteers are screened. 64/7387 certified volunteers are not classified and 130/7387 screened volunteers are not classified. A total of 402 volunteers are reported as being certified and 974 volunteers are reported as being screened.

**Results**

13% (402/7387) of our reported volunteers are screened and 5% (402/7387) of our reported volunteers are certified.

6143 Adult Volunteers

1244 Youth Volunteers

7387 Total 4-H Volunteers who work with 4-H participants/4-H Activities

One percent decrease in volunteer based on 2013 enrollment numbers recorded in the national data base, 7387/7911.

It is difficult to divide out 4-H volunteers from other episodic volunteers reported through school enrichment. Used the total adult volunteer to figure ratios

6143 adult volunteers/29626 4-H members or a 1:5 ratio of adults to youth  
6143 adult volunteers/96614 total youth reached w/o duplicates or 1:15 ration of adults to youth

#### 4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

#### Outcome #2

##### 1. Outcome Measures

100% of counties in Oklahoma will seek caring and qualified adults will prepare youth for successful lives as community leaders and contributing citizens

##### 2. Associated Institution Types

- 1862 Extension

##### 3a. Outcome Type:

Change in Action Outcome Measure

##### 3b. Quantitative Outcome

Year	Actual
2014	97

##### 3c. Qualitative Outcome or Impact Statement

###### **Issue (Who cares and Why)**

Positive Youth Development Programs are designed to prepare young people to meet the adolescence through a series of structured, progressive series of activities and experiences. Research indicates youth involved with caring and qualified adults will be prepared for successful lives as contributing citizens.

###### **What has been done**

Extension educators at the county, district and state levels actively recruit, train, utilize and manage adult volunteers to serve as leaders to Extension programming efforts. In a unique partnership, extension professional and volunteers work to provide positive youth development experiences for young people.

###### **Results**

881 volunteers and staff completed 4-H Working with Minors training (611 on-line and 270 with county educators). Eight counties reported 249 volunteers completed volunteer continuing education at the county, district and state levels. Eight counties conducted new volunteer orientation reaching 91 new volunteers participated in new volunteer orientation. Three districts

conducted volunteer conferences, as well as on state and regional conference for continuing education.

Volunteers completing annual continuing education are better prepared to meet the needs of the youth and more capable of being prepared to handle the mission and objectives of positive youth development. Based on data in national data base (289/7387) approximately 4% of our volunteers are receiving the training required to be a certified volunteer.

#### 4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

#### Outcome #3

##### 1. Outcome Measures

The number of active 4-H project clubs and project groups.

##### 2. Associated Institution Types

- 1862 Extension

##### 3a. Outcome Type:

Change in Knowledge Outcome Measure

##### 3b. Quantitative Outcome

Year	Actual
2014	835

##### 3c. Qualitative Outcome or Impact Statement

###### **Issue (Who cares and Why)**

Essential elements are critical to effective youth development programs. These elements help youth become competent, contributing citizens. Created from traditional and applied research characteristics that contribute to positive youth development, they help professionals and volunteers who work with youth view the whole young person, rather than focus on a single aspect of life or development. These elements focus on social, physical, and emotional well being which are necessary for positive youth development. All eight elements are present in a healthy 4-H club.

###### **What has been done**

Oklahoma 4-H requires that all clubs be chartered and that as a charter there are specific standards, which need to be met annually for a charter to be renewed. This is one means for our

system to insure clubs are safe and healthy environments where youth want to participate.

**Results**

Approximately 153/820-chartered clubs are project clubs.

At the present time it is difficult to track the charter renewal process. We have been diligent in making sure club charters are current and on file.

**4. Associated Knowledge Areas**

<b>KA Code</b>	<b>Knowledge Area</b>
806	Youth Development

**Outcome #4**

**1. Outcome Measures**

Project curriculum training in support of Mission Mandates

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Actual</b>
2014	36

**3c. Qualitative Outcome or Impact Statement**

**Issue (Who cares and Why)**

4-H is dedicated to incorporating current research based information into curriculum development and sharing these with extension educators and volunteers for use with Oklahoma youth.

4-H youth and adults work together to create sustainable community change and this is accomplished within three primary content areas, or mission mandates, - citizenship, healthy living, and science. These three mission mandates ? all intertwine and can be integrated across project areas and activities.

**What has been done**

36 trainings were delivered to over 500 Extension educators and 4-H volunteers on curricula that support the 4-H Mission Mandates. Trainings and programs were then replicated and/or created on district, county and local level increasing the outreach of the 36 trainings.

### **Results**

We have seen an increase in the number of programs offered in the 3 Mission Mandate areas at the local, county and district levels. There has been an increase in demand for kits that support both healthy living and science.

## **4. Associated Knowledge Areas**

<b>KA Code</b>	<b>Knowledge Area</b>
806	Youth Development

### **Outcome #5**

#### **1. Outcome Measures**

Youth will develop a well rounded understanding of mental and emotional health obtained through project work and activities which encourage healthy life style choices - camping, recreation, shooting sports, fitness, safety, hobbies and creative pursuits through the arts.

#### **2. Associated Institution Types**

- 1862 Extension

#### **3a. Outcome Type:**

Change in Condition Outcome Measure

#### **3b. Quantitative Outcome**

<b>Year</b>	<b>Actual</b>
2014	9589

#### **3c. Qualitative Outcome or Impact Statement**

##### **Issue (Who cares and Why)**

Research continues to indicate that youth who spend time out-of-doors involved in constructive learning environments and involved in physical activity score higher on accepted tests related to physical, social and emotional health.

##### **What has been done**

The Oklahoma 4-H Outdoor Adventure Program is an outdoor leadership program for teens intended to develop character and integrity in young people through the teaching of teamwork, leadership, and outdoor skills and allows them to share their knowledge with others. By experiencing the challenge of the out-of-doors, participants grow personally, developing an understanding of themselves and their limitations while instilling a new respect for the natural

environment. The highpoint of the program is a 5-day canoe camping experience to the Buffalo National River in Arkansas.

The Leisure Education for 4-H Camps Workshop was presented to teen leaders and Extension educators to learn skills necessary to make 4-H overnight and day camps; fun, safe and meaningful. Participants received training in roles and responsibilities of counselors, flag ceremonies, campfire ceremonies, crafts, icebreakers and "get to know you" games to make new and young campers feel at ease.

State Extension staff hosted a Team Building and Leadership training to help build team and leadership skills which are essential for adult and teen leaders. This training introduced participants to challenge activities where they experienced hands-on training intended to prepare them to facilitate team-building activities utilizing easily accessible props.

A 4-H Zoo Snooze was held to enhance the environmental awareness of 4-H members and to teach them about animal camouflage and how camouflage is used in many people's careers. Participants were provided an educational program, a night hike of the zoo and day long zoo passes.

Oklahoma State University 4-H Youth Development was a key partner in the development of ATV Ride Safe Oklahoma. This joint initiative is led by Oklahoma State University Cooperative Extension Service 4-H Youth Development, The Children's Center, and Trauma One Injury Prevention at OU Medical Center. The goal is to provide safety education and injury prevention information as related to all-terrain vehicles (ATVs).

## **Results**

Three hundred and fifteen (315) 4-H members and volunteers attended the 4-H Zoo Snooze to enhance their environmental awareness.

Oklahoma 4-H conducted at least 63 state level events, workshops and or encampments that had an education goal of improving participant health. Some had a physical health component, some emotion or social impact, and others were primarily safety oriented. Events include: state shooting sports events, day camps, State 4-H Roundup; reached over 28,000 youth. Additionally about 30 county or multi-county camps were conducted, reaching over 30,000 youth.

In 2014 we reached 2,654 youth with two or more hours of classroom ATV safety education, 1,137 youth completed the ATV Safety Institute's online ATV Safety E-Course, 500 plus youth completed the national 4-H Treadsylvania ATV Safety online educational game and 116 youth received their ATV Safety Institute RiderCourse Certification by completing the 4-5 hour hands-on ATV Safety Institute RiderCourse program taught by our OSU licensed ATV Instructors. Oklahoma had 11 4-H youth participate in the 2014 National ATV Safety PSA "Do the Ride Thing Contest" receiving two of the nine national awards. The \$2,500 overall scholarship award and one \$500 1st place scholarship award.

Our ATV Ride Safe Oklahoma team involved over 100,000 youth and adults at events such as the Oklahoma Department of Wildlife Outdoor Expo, Oklahoma Emergency Medical Services for Children Safety Days, Septemberfest at the Oklahoma Governor's Mansion, state FFA Convention, state 4-H Youth Roundup, state Injury and Prevention Conference, state Agricultural/Farm shows and state and county fairs.

#### 4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

#### Outcome #6

##### 1. Outcome Measures

Youth and adults work in partnership to identify and solve/resolve community needs and environmental issues through an organized and executed plan of action.

##### 2. Associated Institution Types

- 1862 Extension

##### 3a. Outcome Type:

Change in Action Outcome Measure

##### 3b. Quantitative Outcome

Year	Actual
2014	4100

##### 3c. Qualitative Outcome or Impact Statement

###### **Issue (Who cares and Why)**

Research results show that youth who are involved in meaningful adult partnerships are better prepared to address community needs as they transition into young adulthood and beyond.

###### **What has been done**

For 2014, County Extension Educators and stakeholders identified needs related to health and wellness education. More than \$4,000 in 4-H Foundation sponsored mini-grants were awarded to implement local programs. Twenty-one counties participated with youth and adults teams at the county and club levels to teach youth the advantages of healthy eating and increased physical activity.

###### **Results**

More than 3500 school aged youth were taught the advantages of healthy eating and increased physical behavior.

Youth and adult teams were created to teach healthy eating through home gardening and community gardens. Other teams reached their goals by teaching youth ?Get Fit for Life? lessons, and others reached youth through the 4-H Food Showdown and other nutrition and fitness curriculum. Using a variety of curriculum and lessons to educate participants, each team focused on achieving the same goals of improving eating habits and healthier lifestyles.

#### 4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

#### Outcome #7

##### 1. Outcome Measures

At least 500 youth will demonstrate a positive increase in making healthy lifestyle choices through the use of curricula and educational materials.

##### 2. Associated Institution Types

- 1862 Extension

##### 3a. Outcome Type:

Change in Knowledge Outcome Measure

##### 3b. Quantitative Outcome

Year	Actual
2014	5350

##### 3c. Qualitative Outcome or Impact Statement

###### **Issue (Who cares and Why)**

Oklahoma youth are facing serious health and wellness issues due to obesity, poor nutrition, and lack of physical fitness. These health issues are affecting our children's future health, academic achievement, and our economy.

###### **What has been done**

Educational programming delivered to over 5,000 youth focused on improving the health and fitness levels of all children and families through food and nutrition education and physical fitness program efforts. 60 teens across the state were trained to serve as teachers and to assist with the implementation of various physical fitness and healthy nutrition programs to Oklahoma underserved children. The teens as teachers trainings focused on education and activities that help youth develop a positive understanding of health and nutrition, so they make healthier food and nutrition choices and incorporate daily exercise that leads to healthier lives.

Specifically to:

Teach youth to make better foods choices and select appropriate food portions sizes.

Teach youth how to balance their food intake with exercise on a daily basis.

### Results

Mini-grants were awarded to 22 county sites around the state and to four Extension districts where healthy living projects were implemented. Additionally, state-wide efforts were implemented to train educators, volunteers and 4-H members in:

Yoga for Kids (2 State-wide trainings are being provided for educators to implement yoga programming back in their home county)

Get Fit 4 Life (OK 4-H curriculum supported and kits stocked, curriculum supports 10 lessons on food choices and each lessons contains a physical activity and take home component)

4-H HERO (Health Educators Reaching Others). Development of county-based healthy living ambassadors (4-H HERO)

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

### Outcome #8

#### 1. Outcome Measures

Participants in livestock programs will focus on acceptable animal husbandry practices, demonstrating knowledge about animal health, breeding, production, marketing and meat science while being conscientious about product quality assurance, animal welfare/well-being and protection and effects on the environment while having positive family experiences.

#### 2. Associated Institution Types

- 1862 Extension

#### 3a. Outcome Type:

Change in Action Outcome Measure

#### 3b. Quantitative Outcome

Year	Actual
2014	17179

#### 3c. Qualitative Outcome or Impact Statement

##### Issue (Who cares and Why)

Youth need to learn acceptable animal husbandry practices, demonstrating knowledge about animal health, breeding, production, marketing and meat science while being conscientious about

product quality assurance, animal welfare/well-being and protection and effects on the environment while having positive family experiences.

#### **What has been done**

In partnership with the Oklahoma and National Pork Councils educators offered the Pork Quality Assurance Plus (PQA Plus) youth education and youth certification program

In collaboration with the Oklahoma Beef Council a new Youth Beef Quality Assurance curriculum was developed and implemented for 4-H and FFA in 2014.

Within the Agri- Science project areas, when 9-12 year-olds were asked to compare themselves against peers:

- ?88% knew food comes from the farm to the dinner plate.
- ?78% indicated a better understanding of how to take good care of their pets and/or livestock by feeding them and meeting their other needs.
- ?81% were setting goals but have not thought much about trying to reach a goal.
- ?74% indicated they tended to more closely identify with their peers when it came to topics like:
  - ?The importance of caring for things in nature.
  - ?The degree to which they like science and want to learn more about it.
  - ?Doing what they have to do or are told to do
  - ?Intended to pursue a college education

#### **Results**

Approximately 6700 youth 8-18 years of age in both 4-H and FFA programs were certified in the PQA Plus program as part of their county pork project and enabled them to show at the Oklahoma Youth Expo and the Tulsa State Fair. As a result of this program there has been a decrease in stress related deaths in exhibition animals and a more marketable meat product.

#### **4. Associated Knowledge Areas**

<b>KA Code</b>	<b>Knowledge Area</b>
806	Youth Development

#### **Outcome #9**

##### **1. Outcome Measures**

Participants will increase knowledge and awareness of STEM technologies and career opportunities, including an increased knowledge and awareness of plants and soil systems and an awareness of entomology.

##### **2. Associated Institution Types**

- 1862 Extension

### 3a. Outcome Type:

Change in Knowledge Outcome Measure

### 3b. Quantitative Outcome

Year	Actual
2014	13352

### 3c. Qualitative Outcome or Impact Statement

#### Issue (Who cares and Why)

The US is falling dangerously behind other nations in developing its future workforce of scientists, engineers, and technology experts. Only 18% of US high school seniors are proficient in science (NAEP, 2005). Oklahoma 4-H is combating this issue by teaching youth about Science Technology, Engineering, and Math (STEM).

#### What has been done

Oklahoma 4-H STEM program is addressing this issue through STEM curriculum promotion, 4-H trainings in the area of STEM, and professional development of 4-H Educators. In 2014 the OCES STEM program offered 10 state and district level professional development opportunities for County Educators.

#### Results

TechXcite is a recently developed Engineering curriculum that is designed for middle school aged students. OK4-H was fortunate to receive a sub-grant from Duke University to pilot these materials. One hundred and twenty eight educational kits have been distributed across the state. These kits are being used by educators to introduce youth to career fields in engineering and the engineering method in 52 locations across the state. As the pilot-testing phase of this project came to a close Oklahoma 4-H was proud to have submitted over 1000 youth evaluations and 34 adult evaluations to support the research project. Oklahoma 4-H was took lead (5 states involved) in developing a conference presentation at the National Association of 4-H Educators to promote TechXcite to educators from across the nation. Following this event, Oklahoma 4-H also led the charge to write an article for the Journal of Extension sharing the TechXcite materials. This article was accepted and will be published in 2015.

The Oklahoma 4-H STEM program was able to partner with NASA education programs to train county educators on the National Youth Science Day event, Rockets to the Rescue. Through this collaboration, three district in-services were held to train educators from across the state in the NYSD event and additional curriculum. Educators learned about all the Rocketry lessons which are available to them and we provided NYSD kits for them to use for the annual event. Plus the Oklahoma 4-H Rocketry webpage was enhanced with new lessons, curriculum and videos. The end result, County Educators report reaching almost 2000 youth with the National Youth Science Day event. As a part of the project NASA also funded a professional development trip for four educators (one from each OCES district) to the Kennedy Space Center which included a viewing

of the latest space vehicle launch, Orion. The participating educators are very excited about 4-H science and sharing the science curriculum with other educators and volunteers within their districts.

In 2014, OCES educators reported working 3,028 hours on STEM programming to present 2,082 educational programs, involving 2,281 volunteers' hours to reach 13,352 contacts and 18,991 media contacts.

#### 4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

#### Outcome #10

##### 1. Outcome Measures

Companion animal programs will focus on animal welfare and human-animal interaction.

##### 2. Associated Institution Types

- 1862 Extension

##### 3a. Outcome Type:

Change in Knowledge Outcome Measure

##### 3b. Quantitative Outcome

Year	Actual
2014	1997

##### 3c. Qualitative Outcome or Impact Statement

###### **Issue (Who cares and Why)**

Companion animals serve to improve the both the physical and emotional well-being of individuals. 4-H Companion Animal Projects serve to facilitate positive youth development by providing youth the opportunity to develop leadership, mastery skills, develop friendships, and practice citizenship in a safe environment (both physical and emotional safe).

###### **What has been done**

Teen leadership opportunities have been provided through the State 4-H Amazing Small Animal Project (ASAP) teen leader group. The ASAP group planned and implemented a state-wide 4-H Pet Fun Day with the purpose of allowing 4-H youth the opportunity to exhibit their pets regardless of specie. Additionally, ASAP members have used their leadership skills to teach

companion animal workshops dealing with good husbandry and training of pets.

A 4-H Master PetPALS leader training was conducted to develop PetPALS programs in three new counties. PetPALS is an intergenerational program teaching youth to interact with the elderly in assisted living centers and nursing homes while using their pets as a way to facilitate the interaction.

### **Results**

As a result of the ASAP Pet Fun Day, Teen Leaders were provided the opportunity to practice leadership by organizing the activities of the day and they taught workshops in dog obedience, dog rally, dog agility, rabbit showmanship, guinea pig care, animal training, dog grooming and care and pet nutrition to an audience of over 75 people.

ASAP Teen Members taught workshops across the state including; dog bite prevention, good husbandry and grooming of dogs, rabbit agility, dog showmanship clinics, and assisted at 5 statewide 4-H dog shows.

PetPALS clubs have begun teaching members in the training and care of their pets. Through the program members have had the opportunity to utilize mastery, citizenship, and leadership skills.

## **4. Associated Knowledge Areas**

<b>KA Code</b>	<b>Knowledge Area</b>
806	Youth Development

### **Outcome #11**

#### **1. Outcome Measures**

Military families receiving support through 4-H partnerships will increase their use of local support networks

#### **2. Associated Institution Types**

- 1862 Extension

#### **3a. Outcome Type:**

Change in Knowledge Outcome Measure

#### **3b. Quantitative Outcome**

<b>Year</b>	<b>Actual</b>
2014	3104

#### **3c. Qualitative Outcome or Impact Statement**

### **Issue (Who cares and Why)**

In 2014 the Oklahoma Operation: Military Kids team worked throughout the year to successfully support military youth and their families. There are currently about 33,236 military youth living in the state of Oklahoma. At any given time these youth will face the challenges of deployment, reconnecting with a family member, relocating to a new base, and integrating into a new community.

### **What has been done**

Oklahoma 4-H/OMK implemented six military youth events, four briefings, and two state/local team planning meetings. Three overnight educational events, four day camps for the Air National Guard and promoted Welcome Home Gardens for returning service members.

In the summer of 2014, OMK worked with 314 Oklahoma military youth at four different kids camps.

- ?Kids Kamp (Camp Gruber)
- ?Camp Corral (Camp Classen)
- ?Air National Guard summer 3-day camps
- ?Air National Guard Youth Resiliency Camp

At these camps, OMK facilitated a variety of activities that improved teamwork, problem solving, and communication skills. These activities encouraged youth to set goals, solve problems, and make wise decision. This provides the building blocks that nurture the skills required to become a successful member of society.

Oklahoma 4-H has also made it a priority to keep 4-H clubs on each of Oklahoma's five military installations. These clubs teach youth STEM, Healthy living, gardening, and workforce skills.

### **Results**

Operation: Military Kids hosted multiple events for 1028 military youth and their families throughout the state of Oklahoma. These events are about:

Making new connections with family members.

Reconnecting with their loved ones before and after a deployment

Building strong family bonds that lead to a more stable relationship between a service member and their loved ones.

Enabling military youth to effectively manage separation stressors that accompany deployments.

Meeting and interacting with other kids who are experiencing the same challenges of military life.

Sharing personal knowledge and experiences that empower youth with a sense of purpose.

OMK distributed 3,400 Burpee "Welcome Home Garden" seed packets as a healing tool for our recently returned troops and their loved ones. Military families received a package containing 10 seed packets, two flowers and eight vegetables. Cultivating these gardens helped families to

express their resilience and hopes for the future.

In 2014, Oklahoma OMK successfully planned and executed multiple events that recognized and supported military children who are facing the challenges of deployment. The Oklahoma OMK team participated in many community-oriented events to raise awareness about the difficult issues encounter by military families and youth.

Each of Oklahoma's military installations is home to a 4-H club or clubs. These clubs served 641 4-H members. Club members have participated in a variety of 4-H projects including gardening, robotics, STEM, photography, food showdown and visual arts. Each of the Installation clubs participated in the National Youth Science Day event, Rockets to the Rescue.

At two of the military installations, Tinker Air Force Base and Vance Air Force Base, have successfully implemented raised garden beds. The gardens have been a major success this year and the 4-H members enjoyed making salsa with the vegetables that they grew. The Salsa competition was based off of a 4H Cooking curriculum.

Tinker Air Force Base implemented the TechXcite curriculum during their after school program. The educator expressed to us her appreciation of the simplicity of the kits and that the materials and curriculum were already prepared for her in an exciting way for the students. The youth looked forward to their TechXcite curriculum each week and this increased their interaction and learning. Overall TechXcite was reviewed as a wonderful program that youth and educators were looking forward to using again in the future. The National Youth Science Day kits have been delivered for all of the military installations and the students and teachers enjoyed participating in the curriculum for this year.

#### **4. Associated Knowledge Areas**

<b>KA Code</b>	<b>Knowledge Area</b>
806	Youth Development

#### **V(H). Planned Program (External Factors)**

##### **External factors which affected outcomes**

- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)

##### **Brief Explanation**

- Competing Programmatic Challenges
- Population changes (immigration, new cultural groupings, etc.)

#### **V(I). Planned Program (Evaluation Studies)**

##### **Evaluation Results**

In 2013, Oklahoma 4-H began collecting information from members to ensure that 4-H members are receiving quality positive youth development through their involvement in the Oklahoma 4-H Youth Development Program. Research has determined that positive youth development (PYD) occurs when youth develop competence, confidence, connection, character, and caring (the five C's). 4-H educators across the state administered and collected 587 PYD survey instruments in 2014. These instruments were collected at club meetings, educational events, and other 4-H functions. All participants are in at least 7<sup>th</sup> grade, are enrolled in 4-H, 89% attend public school and 72% live in a town with a population less than 10,000, 58% are white, 22% American Indian and 7% African American, 7% Hispanic, and 2% other.

**Competence**

72% Feel they have a lot of friends

72% Feel they do very well at their class work

69% Like their looks

**Confidence**

90% are glad to be themselves

81% are happy with themselves

**Connection**

52% Agree they get a lot of encouragement at school

73% Feel useful and important to their family

48% Agree adults make them feel important

**Character**

65% Feel it is important to make the world a better place

78% Feel it is important to take responsibility for their actions when they make a mistake or get into trouble

76% Think others would say they enjoy being with people of a different race

57% Admit they do things they shouldn't do

**Caring**

66% Want to help someone who is being taken advantage of

70% Feel sorry for someone who is being picked on

74% Feel sorry for someone who is hurt or upset

**Key Items of Evaluation**