

V(A). Planned Program (Summary)

Program # 5

1. Name of the Planned Program

Youth Development and 4-H

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
205	Plant Management Systems	10%		0%	
307	Animal Management Systems	10%		0%	
315	Animal Welfare/Well-Being and Protection	10%		0%	
703	Nutrition Education and Behavior	10%		0%	
724	Healthy Lifestyle	20%		25%	
801	Individual and Family Resource Management	10%		25%	
802	Human Development and Family Well-Being	10%		25%	
806	Youth Development	20%		25%	
	Total	100%		100%	

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2014	Extension		Research	
	1862	1890	1862	1890
Plan	5.4	0.0	0.2	0.0
Actual Paid	6.3	0.0	0.0	0.0
Actual Volunteer	0.0	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
479666	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
479666	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
272952	0	12105	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

The Youth Development and 4-H planned program area focused on creating safe, healthy, well-educated children and teens through 4-H Clubs, afterschool programs and interactive learning experiences. Efforts also focused on incorporating Science, Technology, Engineering and Math (STEM) curriculum into youth development programs and activities.

Activities included:

- workshops and webinars
- YouTube videos, and mobile apps
- volunteer training programs
- on-line material such as fact sheets, impact statements and news
- developed research-based curricula
- after-school programs
- youth employment programs
- camps and 4-H Fairs

2. Brief description of the target audience

Youth, their families, school personnel, youth-serving agencies and organizations; community organizations and agencies. Volunteers involved with youth and adults.

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2014	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	11798	148221	31495	116671

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

Patent Applications Submitted

Year: 2014
 Actual: 0

Patents listed

None

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2014	Extension	Research	Total
Actual	1	2	3

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- After-school programs [sites] conducted or organized.

Year	Actual
2014	112

Output #2

Output Measure

- Conferences, workshops, short course, and reports

Year	Actual
2014	15

Output #3

Output Measure

- Undergraduate and Graduate Student Supervised

Year	Actual
2014	35

Output #4

Output Measure

- Webinars conducted

Year	Actual
2014	0

Output #5

Output Measure

- YouTube videos produced

Year	Actual
2014	2

Output #6

Output Measure

- Apps developed

Year	Actual
2014	0

Output #7

Output Measure

- New or updated web sites

Year	Actual
2014	0

Output #8

Output Measure

- Clinical, extension or other expert services

Year	Actual
2014	228

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Number of youth indicating increased knowledge or skills in one or more of the nine 4-H program emphasis areas
2	Youth making a positive impact in their communities through volunteering.
3	Increase in the health and well-being of youth participating in program activities

Outcome #1

1. Outcome Measures

Number of youth indicating increased knowledge or skills in one or more of the nine 4-H program emphasis areas

2. Associated Institution Types

- 1862 Extension
- 1862 Research

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	20000

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Unsolved worldwide social problems need to be addressed by science. In the US, there is shortage of scientists & people understanding science, an under-representation of women and minorities in science careers and a need for a diverse pool of trained scientists to frame and solve problems & educate others. The success and future of our nation depends on the youth of today. Nationally, the 4-H Youth Development program focuses on three core mission mandates: 1) science, engineering and technology; 2) healthy living; and 3) citizenship.

What has been done

Over 20,000 youth participated in CT 4-H youth development programs. Of this number, 2583 were involved in organized club programs, 3020 participated in camping programs and 14,397 in short-term or special interest programs with an increased focus on science and technology.

Youth STEM activities included:

4-H BRIDGES/ASPIRE; 4-H FIRST Robotics; 4-H National Youth Science Day Experiment; Connecticut 4-H Adventures in STEM; County 4-H Fair Programs; County 4-H Science Clubs; County 4-H Science Days; Environmental Science Day; In-school, after-school and out of STEM enrichment programs; State 4-H Animal Programs; State 4-H Citizenship Day- "How to communicate in a Technical World" and State Shooting Sports Club.

Results

Youth developed increased awareness of how science impacts their daily lives: in learning about gardening, for example, they learn methods to increase yield and how technology impacts modern farming. Youth learned new vocabulary and literacy in scientific methods through 4-H

activities. Youth learned through the Animals programs the anatomy and physiology of animals. An example is how the ruminant's digestion system differs from that of the monogastric. The hands-on activities inherent in 4-H engages the youth and they become excited to learn more and continue to engage in other 4-H activities. Youth bring what they learned home, educating family members and increasing the science literacy in the general population.

4. Associated Knowledge Areas

KA Code	Knowledge Area
724	Healthy Lifestyle
802	Human Development and Family Well-Being
806	Youth Development

Outcome #2

1. Outcome Measures

Youth making a positive impact in their communities through volunteering.

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	2195

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

The success and future of our nation depends on the youth of today. Nationally, the 4-H Youth Development program focuses on three core mission mandates: 1) science, engineering and technology; 2) healthy living; and 3) citizenship. These three mission mandates align with the research and programming efforts of USDA, the National Institute of Food and Agriculture and the land grant universities and colleges.

The mission of the CT 4-H Youth Development program is to help youth to make good decisions, develop leadership and citizenship skills while improving self-confidence. All youth need support and positive experiences to grow to their fullest capacity and to become productive adult citizens.

What has been done

Eighty-five percent of enrolled 4-H members, 2195, were involved in service learning/community service activities. This represents an estimated 70,000 volunteer hours provided by 4-H youth/adult partnerships. Activities included food drives, camp/public space clean-up and maintenance days, holiday baskets/caroling, mitten/hat drives, Locks for Love/Wigs for Kids, educational outreach, collecting school items, filling backpacks for military children, gifts for senior centers and animal shelters. While some are strictly community service in focus, many go further as service learning opportunities through youth involvement in decision making, planning, and completion and follow-up of projects.

Results

Based on the value of volunteer hours provided by the Independent Sector estimate of \$26.43 per hour for Connecticut, the hours volunteered by CT 4-H youth and adult volunteers has an estimated worth of \$1,850,100.

4. Associated Knowledge Areas

KA Code	Knowledge Area
724	Healthy Lifestyle
801	Individual and Family Resource Management
802	Human Development and Family Well-Being
806	Youth Development

Outcome #3

1. Outcome Measures

Increase in the health and well-being of youth participating in program activities

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	3462

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Studies have proven that deployment and reintegration are emotionally difficult for military youth and their families, and they need extra support from community organizations in order to be resilient. There are 10,159 military kids ages 0 to 18 in Connecticut, and just under half are not affiliated with an active duty military base. Instead they are geographically dispersed and live in every town in Connecticut.

What has been done

Operation: Military Kids (OMK) is a national effort to support children of service members before, during, and after deployment. Connecticut OMK educated the community on the specific needs of military families, youth, and children through workshops and briefings. CT OMK conducted formal and non-formal activities and/or loans technology equipment for military youth events. They also provided referrals to state or community organizations that can provide additional support to military youth and families.

Results

- * 3,462 Connecticut military children and youth utilized community resources and engaged with peers at military youth events resulting in increased resilience.
- * 4,065 adults increased their awareness of the specific needs of military youth and learned of community resources available to military youth and families.

4. Associated Knowledge Areas

KA Code	Knowledge Area
802	Human Development and Family Well-Being
806	Youth Development

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Appropriations changes
- Public Policy changes
- Government Regulations
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)

Brief Explanation

{No Data Entered}

V(I). Planned Program (Evaluation Studies)

Evaluation Results

{No Data Entered}

Key Items of Evaluation

{No Data Entered}