

V(A). Planned Program (Summary)

Program # 4

1. Name of the Planned Program

Youth, Family and Communities

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
601	Economics of Agricultural Production and Farm Management	15%		0%	
602	Business Management, Finance, and Taxation	10%		0%	
605	Natural Resource and Environmental Economics	10%		0%	
608	Community Resource Planning and Development	15%		0%	
806	Youth Development	50%		0%	
	Total	100%		0%	

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2014	Extension		Research	
	1862	1890	1862	1890
Plan	8.0	0.0	0.0	0.0
Actual Paid	2.7	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
193365	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
131087	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

4-H Youth Development

Forge academic connections to strengthen 4-H youth education programs and events, provide undergraduate experiential learning opportunities, expand special interest 4-H groups through after-school and library programs, increase programmatic research base and utilize regional evaluation expertise to measure impacts and improve programs

Connect target audience to 4-H educational programs through community volunteer recruitment, workshops, and web-based promotions, 4-H volunteer training and curriculum guides (train the trainer), community-based agency/organization trainings (train the trainer)

Develop resources and information to connect youth and families to community and land-grant resources (4-H to serve as portal)

Expansion of the 4-H club system into currently underrepresented, urbanized areas of the state and creation of a state-wide network of 4-H science enrichment after school programs that serve as a catalyst for improve the science based knowledge, skills and academic motivation among urban elementary and middle school students

Sustainable Communities

Study and promote commercial farm viability
Promote responsible stewardship of agricultural lands

2. Brief description of the target audience

4-H Youth Development

Youth 5-18 years of age, parents of targeted youth, community-based family and youth-serving agencies and organizations, volunteers

Sustainable Communities

Farmers/ farm organizations, RI Department of Environmental Management (RI DEM) Division of

Agriculture, RI Center for Agricultural Promotion and Education, Rhode Island Agricultural Partnership, other agricultural service providers, tourism councils and tourism businesses, land trusts, policy makers and municipal leaders, grassroots and community organizations

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	10203	606922	11416	3800

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	1	1

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Workshops (including short courses)

Year	Actual
2014	163

Output #2

Output Measure

- Volunteers trained

Year	Actual
2014	478

Output #3

Output Measure

- 4-H record books

Year	Actual
2014	155

Output #4

Output Measure

- Youth reached through programs

Year	Actual
2014	1968

Output #5

Output Measure

- Community/family serving groups reached

Year	Actual
2014	52

Output #6

Output Measure

- Community service projects

Year	Actual
2014	121

Output #7

Output Measure

- Activities and programs

Year	Actual
2014	132

Output #8

Output Measure

- Students trained

Year	Actual
2014	0

Output #9

Output Measure

- Website development and refinement

Year	Actual
2014	5

Output #10

Output Measure

- Curriculum development and delivery

Year	Actual
2014	0

Output #11

Output Measure

- Professional training

Year	Actual
2014	10

Output #12

Output Measure

- Public presentations

Year	Actual
2014	45

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Through project work and science and health enrichment programs, (%) 4-H club members and after school group members will demonstrate increased knowledge and skills that can be incorporated into their academic and personal lives.
2	% of enrolled 4-H youth who will demonstrate a commitment and understanding of their community and a sense of connectivity through increased delivery of community service programs to those in need.
3	Through training programs, club leadership activities and adult mentors, % of 4-H members who will develop leadership skills (e.g., public speaking, project leadership), gain confidence in their ability to lead and make a difference in their schools and communities and to incorporate these life skills into their daily lives.
4	# of parents, volunteers and adults serving youth and their families who will gain knowledge and skills that will foster positive youth development and family health and well-being.
5	# of parents who will learn and adopt more effective methods for parental discipline of children and better use of family time.
6	Pre-post measurement of educational activities, workshops to measure increases in knowledge and skills, focus groups and surveys to assess practice change and adoption, analysis of contact information and demographics to measure expansion of programs to currently underrepresented groups (urban, cultural-diverse communities, minorities, etc.) (Number of assessments per year)
7	Provide information and training to farmers and rural landowners on estate planning strategies and economic development opportunities.
8	Improve viability of agriculture in the state of Rhode Island and southern New England through farmer education/information and consulting concerning sustainable agricultural practices, value-added products and agri-tourism.
9	Provide information and training to municipal leaders and organizations on management of natural resources and community assets.

Outcome #1

1. Outcome Measures

Through project work and science and health enrichment programs, (%) 4-H club members and after school group members will demonstrate increased knowledge and skills that can be incorporated into their academic and personal lives.

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	53

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Out-of-school educational programs provide youth with a safe, supportive environment for developing academic and life skills. Research shows that the structured learning, encouragement and adult mentoring that young people receive through their participation in 4-H plays a vital role in helping them achieve success in life. Research also shows that children of underrepresented audiences do not excel in math and science classes. Science and Healthy Lifestyles programming is a major focus of the RI 4-H club system, after school programming through SPIN (special interest) groups and Operation: Military Kids.

What has been done

A significant number of 4-H programs, workshops, activities and events focus on science and health enrichment programs including animal science, sustainability, horticulture, technology, robotics and healthy lifestyles. Volunteer trainings in science curricula and youth-adult workshops in science and healthy lifestyles provide youth with opportunities to increase their knowledge and skills and apply them in informal, adult-mentored settings where they receive positive feedback and reinforcement. New for FY14 was the expansion of 4-H SPIN (special interests) Clubs into the RI Public Libraries and Military Partnership Program.

Results

The RI 4-H Tech Wizards mentoring program entered its third year and reached 176 at-risk urban youth weekly in after-school SET and healthy lifestyles programming. Youth demonstrated an increase in knowledge, skills, and abilities through teacher evaluations and end of year presentations. 53% of 4-H Club members (including after school and military club enrollments) participating in science and health projects/programs, competitions, education series and

workshops demonstrated an increase in knowledge and skills.

4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

Outcome #2

1. Outcome Measures

% of enrolled 4-H youth who will demonstrate a commitment and understanding of their community and a sense of connectivity through increased delivery of community service programs to those in need.

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	55

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Many of today's youth lack opportunities to engage in positive out-of-school educational programs under the mentoring of caring adults who guide them in developing valuable life skills while aiding them in creating positive connections to the larger community and assisting them in successfully making the transition to productive, contributing young adults.

What has been done

RI 4-H Clubs and after-school programs are expected to plan and conduct at least one community service project during the 4-H year as part of the Citizenship mission mandate. 4-H volunteers are provided with community service opportunities through the 4-H listserve and connected to requests from citizens and community groups requiring assistance. 4-H groups may apply for financial support through the RI 4-H Foundation Club Grant program for their projects. Beyond serving their communities, 4-Hers also volunteer with Operation Military Kids. 4-Hers document their community service hours through their 4-H Record Books.

Results

Leaders of 47% of registered, active 4-H clubs (average of 25 members per club) reported that

their clubs completed six or more community service projects in the FY14 4-H year resulting in 425 documented 4-H youth participating in six or more community service projects or 55% of the FY14 4-H club enrollment. This percentage only includes clubs who reported their end of year results. 155 4-Hers who submitted record books (20% of 4-H club enrollments) in FY14 reported 3074 community service hours or an average of 20 hours per 4-H member

4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

Outcome #3

1. Outcome Measures

Through training programs, club leadership activities and adult mentors, % of 4-H members who will develop leadership skills (e.g., public speaking, project leadership), gain confidence in their ability to lead and make a difference in their schools and communities and to incorporate these life skills into their daily lives.

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	53

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Many youth are lacking in school and family-centered opportunities and support to increase their communication and leadership skills. Youth need a safe and nurturing environment to test their abilities and receive constructive and supportive feedback. Encouragement by caring adults and positive peer support enable youth to develop confidence and incorporate these life skills into their school and community.

What has been done

All 4-H members are strongly encouraged to participate in the RI 4-H Public Presentations program at the club, district and state level. 4-H volunteers and staff provide training and competitive and non-competitive speaking opportunities for 4-H youth of all ages. Besides District and State competitions, 4-H members are encouraged to participate in local events to educate the public including 4-H Foundation Events, District 4-H Fairs, Washington County Fair Farm

School and Tractor Supply Paper Clover Events and local festivals. 4-H youth practice and improve their leadership skills in their 4-H clubs and at 4-H events and program.

Results

266 4-H youth or 34% of RI 4-H club members (may be duplicates) participated in district and state public presentation programs, 4-H Farm School, Eastern States Exposition and other public events promoting 4-H. 4-H teens demonstrated their leadership ability by assuming major roles at 4-H Fairs, animal science workshops and events and Rhode Island and New England 4-H Animal Committees and events. 4-H members actively participated in communication workshops, public presentations training and record book and resume/interview workshops. 4-H club volunteers (43% of active clubs were documented) reported that in FY14 53% of their youth exhibited increased leadership skills and of these clubs reporting, 94% had active Club youth officers. 155 4-H members who submitted recorded books reported a total of 2869 4-H leadership hours. Forty six youth and teen leaders assumed leadership roles for RI 4-H at the Eastern States Exposition.

4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

Outcome #4

1. Outcome Measures

of parents, volunteers and adults serving youth and their families who will gain knowledge and skills that will foster positive youth development and family health and well-being.

Not Reporting on this Outcome Measure

Outcome #5

1. Outcome Measures

of parents who will learn and adopt more effective methods for parental discipline of children and better use of family time.

Not Reporting on this Outcome Measure

Outcome #6

1. Outcome Measures

Pre-post measurement of educational activities, workshops to measure increases in knowledge and skills, focus groups and surveys to assess practice change and adoption, analysis of contact information and demographics to measure expansion of programs to currently underrepresented groups (urban, cultural-diverse communities, minorities, etc.) (Number of assessments per year)

Not Reporting on this Outcome Measure

Outcome #7

1. Outcome Measures

Provide information and training to farmers and rural landowners on estate planning strategies and economic development opportunities.

Not Reporting on this Outcome Measure

Outcome #8

1. Outcome Measures

Improve viability of agriculture in the state of Rhode Island and southern New England through farmer education/information and consulting concerning sustainable agricultural practices, value-added products and agri-tourism.

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Condition Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Farmers care about the quality of their farm products and earning a living. Rhode Islanders care about farming being viable in the state. Consumers care about having the ability to obtain fresh, locally grown agricultural food and fiber products.

What has been done

On-farm consultations, educational meetings for farmers, Master Gardener trainings, updates to Cooperative Extension Production Guides: Vegetable, Small Fruit, Tree Fruit, Weekly Pest Updates, Northeast Vegetable and Fruit Conference steering committee member. Working group participation: Small Fruit Working Group, Northeast IPM Pest Scouting Network, Spotted Wing Drosophila Working Group, Brown Marmorated stink Bug Working Group. RI Farm Scavenger Hunt organizer. RI Nursery and Landscape Association Education Committee, Chair of RI Women in Agriculture planning committee. Northeast SARE Forage and Weed ID Management Professional Development.

Results

We maintain and continue to grow our presence in all aspects of Rhode Island agriculture to improve stakeholder awareness of our capacity to provide support. Our reach has recently expanded into the growing population of beginning, young, and urban farmers. We also are making more contact with the state's forage producers. Our Northeast IPM collaboration with UMass and UVM is dramatically increasing weekly indirect contacts through Pest Updates using our listserv.

4. Associated Knowledge Areas

KA Code	Knowledge Area
601	Economics of Agricultural Production and Farm Management
602	Business Management, Finance, and Taxation
605	Natural Resource and Environmental Economics
608	Community Resource Planning and Development

Outcome #9

1. Outcome Measures

Provide information and training to municipal leaders and organizations on management of natural resources and community assets.

Not Reporting on this Outcome Measure

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

Brief Explanation

V(I). Planned Program (Evaluation Studies)

Evaluation Results

The increase in knowledge and skills in science and health in 4-H club members was documented through evaluations, observation and parent/leader/teacher feedback. The4-H

Tech Wizards program measured increases in KSA (knowledge, skills and attitude).

Key Items of Evaluation

53% of 4-H club members participating in science and health programs and events demonstrated an increase in knowledge. Programs used in the calculation included the 4-H Tech Wizards, the Horse Education Series, the Poultry and Rabbits Education Series the Eastern States Expo animal science participants and the military 4-H clubs.