

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

**Program # 6**

**1. Name of the Planned Program**

Youth, Family, and Community

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 |
|---------|--|-----------------|-----------------|----------------|----------------|
| 101     | Appraisal of Soil Resources  | 0%              |                 | 2%             |                |
| 124     | Urban Forestry   | 0%              |                 | 4%             |                |
| 131     | Alternative Uses of Land   | 3%              |                 | 3%             |                |
| 134     | Outdoor Recreation   | 1%              |                 | 5%             |                |
| 511     | New and Improved Non-Food Products and Processes   | 3%              |                 | 0%             |                |
| 602     | Business Management, Finance, and Taxation   | 0%              |                 | 4%             |                |
| 607     | Consumer Economics   | 7%              |                 | 0%             |                |
| 608     | Community Resource Planning and Development  | 15%             |                 | 4%             |                |
| 610     | Domestic Policy Analysis   | 4%              |                 | 7%             |                |
| 611     | Foreign Policy and Programs  | 0%              |                 | 1%             |                |
| 801     | Individual and Family Resource Management  | 8%              |                 | 1%             |                |
| 802     | Human Development and Family Well-Being  | 12%             |                 | 29%            |                |
| 803     | Sociological and Technological Change Affecting Individuals, Families, and Communities             | 7%              |                 | 11%            |                |
| 804     | Human Environmental Issues Concerning Apparel, Textiles, and Residential and Commercial Structures | 4%              |                 | 2%             |                |
| 805     | Community Institutions, Health, and Social Services  | 6%              |                 | 9%             |                |
| 806     | Youth Development  | 30%             |                 | 18%            |                |
|         | <b>Total</b>   | 100%            |                 | 100%           |                |

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

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

| Extension | Research |
|-----------|----------|
|-----------|----------|

|                   |                          |             |             |             |     |
|-------------------|--------------------------|-------------|-------------|-------------|-----|
| <b>Year: 2012</b> | <b>1862</b>              | <b>1890</b> | <b>1862</b> | <b>1890</b> |     |
|                   | Plan                     | 440.0       | 0.0         | 7.0         | 0.0 |
|                   | Actual Paid Professional | 503.0       | 0.0         | 3.0         | 0.0 |
|                   | Actual Volunteer         | 7634.0      | 0.0         | 0.0         | 0.0 |

**2. Institution Name:** Cornell University

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

| Extension             |                       | Research              |                       |
|-----------------------|-----------------------|-----------------------|-----------------------|
| Smith-Lever 3b & 3c   | 1890 Extension        | Hatch                 | Evans-Allen           |
| 3200976               | 0                     | 846649                | 0                     |
| <b>1862 Matching</b>  | <b>1890 Matching</b>  | <b>1862 Matching</b>  | <b>1890 Matching</b>  |
| 3200976               | 0                     | 846649                | 0                     |
| <b>1862 All Other</b> | <b>1890 All Other</b> | <b>1862 All Other</b> | <b>1890 All Other</b> |
| 0                     | 0                     | 0                     | 0                     |

**2. Institution Name:** NY State Agricultural Experiment Station

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

| Extension             |                       | Research              |                       |
|-----------------------|-----------------------|-----------------------|-----------------------|
| Smith-Lever 3b & 3c   | 1890 Extension        | Hatch                 | Evans-Allen           |
| 0                     | 0                     | 3560                  | 0                     |
| <b>1862 Matching</b>  | <b>1890 Matching</b>  | <b>1862 Matching</b>  | <b>1890 Matching</b>  |
| 0                     | 0                     | 3560                  | 0                     |
| <b>1862 All Other</b> | <b>1890 All Other</b> | <b>1862 All Other</b> | <b>1890 All Other</b> |
| 0                     | 0                     | 0                     | 0                     |

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

**1. Brief description of the Activity**

**Youth**

This is a comprehensive, statewide educational program entailing a wide variety of applied research and multiple education methods depending on local context and need. Campus-based faculty and extension associates, program work teams, the NYSACCE4-HE professional development committee and county-based educators all are involved in designing, implementing, and evaluating tailored educational efforts

depending on the focus and scope of their role.

A variety of educational strategies will be used to help county educators and volunteers gain the skills and knowledge necessary to fully understand and differentiate between the range of possibilities that exist within initiatives. Trained 4-H Staff, teachers, community agency staff, volunteers, and teens lead youth in 4-H projects, which are a planned series of learning experiences through which youth develop knowledge, practical skills (woodworking, gardening, cooking, etc.) and life skills (decision-making, self-discipline, leadership, etc.) in a variety of settings including after school programming and school enrichment activities.

### **Family**

This is a comprehensive, statewide educational program entailing multiple education methods depending on local context and need. Campus-based faculty and extension associates and county-based educators are involved in designing, implementing, and evaluating tailored educational efforts depending on the focus and scope of their role.

### **Community**

CCE, CUAES and NYSAES have a commitment to the people of New York to build self-capacity among citizens so they can solve problems, improve quality of life, and build strong and vibrant communities. Through integrated research and extension agendas, we can help develop effective and collaborative land use/natural resource management approaches and policies that enhance economic, environmental and social connections. Program staff work with a variety of state and local groups to tackle projects that vary in nature from applied research to pilot projects or case studies. These activities, which are demand driven (locally or regionally initiated usually with sponsored or self-financing), provide valuable insights, resources and materials for extension education.

## **2. Brief description of the target audience**

### **Youth**

- Young people
- Youth development educators and workers
- Youth development volunteers
- Parents and guardians
- Youth serving organizations
- Teachers and schools
- Community leaders

### **Family**

- Parents, grandparents and other caregivers
- Child care providers
- Community stakeholders such as employers, leaders and policy makers at the local and state levels
- Low and moderate-income households who are especially vulnerable to financial setbacks and have less disposable income to commit to savings
  - Low-income households living in poor-quality housing

### **Community**

- Elected officials, community leaders, business leaders, not-for-profit agencies, youth serving agencies, schools, environmental groups, agribusiness leaders, etc.
- Retirees and other elders who have time to engage in community stewardship
- Engaged community citizens
- Communities as whole: youth and adults organizations, businesses, schools, and other institutions
- Agriculture/horticulture/natural resource enterprise managers, community residents and visitors, youth, local media, local officials, and local planning and economic development staff.
- Youth and youth serving organizations and adult volunteers who work with youth

**3. How was eXtension used?**

Cornell Cooperative Extension supports and promotes eXtension communities of practice, the eXtension public site and the professional development offered through eXtension.org.

Staff across the state are encouraged to be involved in appropriate COPs, and the link to eXtension is promoted on the front page of the Cornell Cooperative Extension public staff site. Currently 323 staff are registered users of eXtension. Staff have cited the usefulness of COPs - particularly where there are

identified national projects - such as with Financial Security for All COP.

Examples of participation in COPs in this plan of work area include:

Youth, Family, Community

- Science for Youth \*
- Extension Master Gardener
- Enhancing Rural Capacity \*
- Family Care Giving
- Financial Security for All
- Gardens, Lawns & Landscapes
- Just in Time Parenting
- Entrepreneurs and Their Communities
- Creating Healthy Communities
- Diversity, Equity and Inclusion
- Pest Management in and Around Structures
- Wildlife Damage Management \*

\*Cornell Faculty/Staff on Leadership Team

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

**1. Standard output measures**

| 2012          | Direct Contacts Adults | Indirect Contacts Adults | Direct Contacts Youth | Indirect Contacts Youth |
|---------------|------------------------|--------------------------|-----------------------|-------------------------|
| <b>Actual</b> | 896088                 | 11144353                 | 346692                | 4333915                 |

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

**Patent Applications Submitted**

Year: 2012  
Actual: 0

**Patents listed**

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

**Number of Peer Reviewed Publications**

| 2012   | Extension | Research | Total |
|--------|-----------|----------|-------|
| Actual | 34        | 190      | 224   |

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

**Output Target**

**Output #1**

**Output Measure**

- (6.1a) # of youth program educators and adult volunteers participating in programs on positive youth development.  
Not reporting on this Output for this Annual Report

**Output #2**

**Output Measure**

- (6.1b) # of youth participating in projects related to vocational skills and/or citizenship.  
Not reporting on this Output for this Annual Report

**Output #3**

**Output Measure**

- (6.2a) # of 4-H members enrolled in Science and Technology project areas.  
Not reporting on this Output for this Annual Report

**Output #4**

**Output Measure**

- (6.2b) # of youth reached through school enrichment and special interest programs, 4-H camp, and after school programs coded as science and technology related.  
Not reporting on this Output for this Annual Report

**Output #5**

**Output Measure**

- (6.2c) # of 4-H and other youth program educators and adult volunteers participating in programs on SET for youth.  
Not reporting on this Output for this Annual Report

### **Output #6**

#### **Output Measure**

- (6.3a) # of infant and child care-givers completing non-formal education programs about quality dependent care giving.  
Not reporting on this Output for this Annual Report

### **Output #7**

#### **Output Measure**

- (6.3b) # of persons with care-requiring dependents completing non-formal education programs on selection of care-giving individuals and facilities.  
Not reporting on this Output for this Annual Report

### **Output #8**

#### **Output Measure**

- (6.4a) # of organizations, agencies, and institutions participating in non-formal educational programs about social and public policy issues to enhance opportunities for safe, economical, and developmentally appropriate care-giving programs for infants, children and youth.  
Not reporting on this Output for this Annual Report

### **Output #9**

#### **Output Measure**

- (6.5a) # of persons completing complete non-formal education programs about parenting.  
Not reporting on this Output for this Annual Report

### **Output #10**

#### **Output Measure**

- (6.6a) # of persons completing education programs on age-appropriate topics like spending and saving concepts, appropriate use of money, financial goals, tracking expenses, budgeting, credit management, financial planning, and/or wealth generation strategies.  
Not reporting on this Output for this Annual Report

### **Output #11**

#### **Output Measure**

- (6.7a) # of consumers and property managers completing programs on indoor air quality issues.  
Not reporting on this Output for this Annual Report

### **Output #12**

#### **Output Measure**

- (6.8a) # of residents, community leaders, entrepreneurs, economic development professionals participating in programs re: workforce, entrepreneurial climate, diversification, economic impact analysis, e-commerce, market development, business planning, partnerships.  
Not reporting on this Output for this Annual Report

### **Output #13**

#### **Output Measure**

- (6.9a) # of community members participating in educational programs related to community decision-making, public participation, planning and monitoring processes, and collaborative approaches.

Not reporting on this Output for this Annual Report

### **Output #14**

#### **Output Measure**

- (6.10a) # of economic developers and/or entrepreneurs participating in educational programs on "green" business opportunities.

Not reporting on this Output for this Annual Report

### **Output #15**

#### **Output Measure**

- (6.11a) # of residents and community leaders participating in programs on community sustainability, community assets, citizen involvement, property rights, land use, conservation, interaction between environmental, economic, and quality of life issues.

Not reporting on this Output for this Annual Report

### **Output #16**

#### **Output Measure**

- (6.12a) # of agriculture/horticulture/natural resource business persons participating in education programs on potential environmental, health, social, and cultural impacts of their operations from the perspective of the community.

Not reporting on this Output for this Annual Report

### **Output #17**

#### **Output Measure**

- (6.13a) # of community members and/or local leaders participating in education programs on the roles of agriculture/horticulture/ natural resource enterprises in the local community, tax base, and environment.

Not reporting on this Output for this Annual Report

### **Output #18**

#### **Output Measure**

- (6.13b) # of local community members and/or leaders participating in programs on the potential benefits of community-based agriculture and opportunities for promoting same.

Not reporting on this Output for this Annual Report

### **Output #19**

#### **Output Measure**

- (6.15a) # of youth participating in education programs leading to youth community action initiatives.

Not reporting on this Output for this Annual Report

**Output #20**

**Output Measure**

- (6.15b) # of youth participating in train-the-trainer programs related to youth community action.  
Not reporting on this Output for this Annual Report

**Output #21**

**Output Measure**

- (6.15c) # of adults participating train-the-trainer programs related to youth community action.  
Not reporting on this Output for this Annual Report

**Output #22**

**Output Measure**

- (6.15d) # of communities participating in youth community action initiatives.  
Not reporting on this Output for this Annual Report

**Output #23**

**Output Measure**

- (6.14a) # of hours of instruction by Master Gardener volunteers in educational programs for youth and adult audiences.  
Not reporting on this Output for this Annual Report

**Output #24**

**Output Measure**

- (6.14b) # of hours by Master Gardener volunteers in general program support.  
Not reporting on this Output for this Annual Report

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

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

| O. No. | OUTCOME NAME  |
|--------|---|
| 1      | (6.1c) # of youth participants who demonstrate gains in vocational/citizenship skills - knowledge, attitudes, and/or behaviors.   |
| 2      | (6.1d) # of youth participants who learn to set goals, make plans and identify resources to achieve goals.  |
| 3      | (6.1e) # of youth program educators and adult volunteers who demonstrate knowledge and/or skill gains in meeting the needs of youth at various stages of development.   |
| 4      | (6.1f) # of youth participants who demonstrate ability to express their ideas confidently and competently.  |
| 5      | (6.1g) # of adult volunteers documented to mentor and advise youth and other adult volunteers in an effective and positive manner.  |
| 6      | (6.1h) # of youth participants documented as serving in age-appropriate leadership roles.   |
| 7      | (6.1i) # of youth organizations/programs documented as reflecting youth needs, interests, and excitement for learning.  |
| 8      | (6.2d) # participants demonstrating increased awareness of SET, improved SET skills including scientific methods, knowledge of specific sciences, and/or increased awareness of opportunities to contribute to society using SET skills.                  |
| 9      | (6.2e) # of participants that report improved success in school science and/or increased interest in science and technology.  |
| 10     | (6.2f) # youth applying SET learning to contexts outside 4-H programs, e.g., school classes, science fairs, invention contests, etc.  |
| 11     | (6.2g) # youth expressing interest/demonstrating aspirations towards SET careers, e.g., career fairs, job shadowing, volunteer work or internships  |
| 12     | (6.2h) # youth adopting and using new scientific methods or improved technology.  |
| 13     | (6.2i) # of youth and adult volunteers documented to become contributing participants in sci/tech related issues in their communities and/or choose sci/tech related professions and who attribute same at least in part to involvement with the program. |
| 14     | (6.2j) Increased number and more diverse pool of youth pursuing education and careers in SET related fields.  |
| 15     | (6.2k) Increased and more diverse pool of trained teachers, educators, scientists.  |
| 16     | (6.3c) # of participating infant and child caregivers who demonstrate knowledge or skill gains related care-giving practices.   |
| 17     | (6.3d) # of participating persons with care-requiring dependents who demonstrate ability to evaluate the quality of care programs   |

|    |  |
|----|--|
| 18 | (6.3e) # of participating infant and child caregivers reporting to have applied positive care-giving practices.  |
| 19 | (6.3f) # participating persons with care-requiring dependents reporting to have used child care quality characteristics in their care selection.   |
| 20 | (6.3g) # participating persons with care-requiring dependents reporting positive change in child care as a result of participating in educational programs.  |
| 21 | (6.4b) # of program participants who demonstrate knowledge or skills gains regarding community approaches to family care.  |
| 22 | (6.4c) # of program participants reporting to have been involved in community level assessments of family care needs.  |
| 23 | (6.4d) # of communities documented to have taken action to address family needs that can be related to educational programs and/or critical community collaborations provided.   |
| 24 | (6.5b) # parents, grandparents and other adults providing parental care gaining who demonstrate knowledge or skills gains regarding developmentally appropriate and effective parenting methods.   |
| 25 | (6.5c) # parents and other adults providing parental care adopting development-ally appropriate and effective parenting methods.   |
| 26 | (6.5d) # parents/relative caregivers reporting to have experienced positive change in parent-child relationships and child nurturance that they attribute to implementing new parenting behaviors learned in educational programs.   |
| 27 | (6.6b) # participants who demonstrate knowledge or skill gains and/or can articulate specific actions they will take related to spending and saving concepts, appropriate use of money, setting financial goals, tracking expenses, budgeting, credit management, financial planning, and/or wealth generation strategies. |
| 28 | (6.6c) # of program participants reporting they are practicing improved money management skills such as comparison shopping, paying bills on time, paying more than minimum payment, checking credit report, and reviewing and understanding bills/statements as a means to meeting financial goals.                       |
| 29 | (6.6d) # of program participants reporting to have met day-to-day financial obligations while also progressing on future goals for homeownership, savings, retirement accounts, etc.   |
| 30 | (6.6e) # of program participants reporting to have reduced debts and/or increased savings.   |
| 31 | (6.7b) # of consumers and property managers gaining awareness and knowledge of indoor air quality issues and remediation options.  |
| 32 | (6.7c) # of program participants documented to have taken measures to prevent or remediate indoor air quality issues.  |
| 33 | (6.7d) # of program participants documented to have reduced short-term health effects of indoor air pollutants (such as irritation of the eyes, nose, and throat, headaches, dizziness, and fatigue) as a result of participating in educational programs.   |
| 34 | (6.7e) # of participants reducing risks of respiratory diseases, heart disease, and cancer by implement measures such as radon remediation, controlling indoor triggers of asthma: secondhand smoke, dust mites, pet dander, and pests.  |
| 35 | (6.8b) # of residents, community leaders, entrepreneurs, economic development professionals demonstrating knowledge/ skill gains re: workforce, entrepreneurial climate, diversification, economic impact analysis, e-commerce, market development, business   |

|    |  |
|----|--|
|    | planning, partnerships.  |
| 36 | 6.8c) # of residents and/or community leaders, demonstrating knowledge/skill gains about enhancing facilities and/or other community resources or services.  |
| 37 | (6.8d) # of communities who plan for and implement initiatives on community based agricultural economic development, workforce development, business and entrepreneurial development and assistance, non-profit sector development and/or other elements of sustainable growth.      |
| 38 | (6.8e) # of residents and/or community leaders, who plan for and initiate steps to enhance facilities, and/or other community resources or services.   |
| 39 | (6.8f) # of communities establishing an infrastructure and climate to support entrepreneurs, local farms and agribusinesses attributable at least in part to initiatives of the program.   |
| 40 | (6.8g) # of communities documenting improvements in facilities and/or other community resources or services.   |
| 41 | (6.9b) # of community members demonstrating knowledge or skills gains related to community decision-making, public participation, planning and monitoring processes, collaborative approaches, and/or emergency preparedness.  |
| 42 | (6.9c) # of communities instituting new or enhanced participatory processes related to economic development.   |
| 43 | (6.9d) # of collaborative partnerships established within and across communities for issue resolution and collective action and/or to improve community services.  |
| 44 | (6.9e) # of documented instances in which a community effectively resolves a need or strengthens community assets attributable at least in part to participation in the program.   |
| 45 | (6.9f) # of communities reporting specific improvements in quality or scope of community services.   |
| 46 | (6.10b) # of workforce professionals, economic developers and/or entrepreneurs demonstrating knowledge gains related to "green" workforce and business opportunities.  |
| 47 | (6.10c) # of new workers trained and "green" businesses established at least in part due to participation in the program.  |
| 48 | (6.10d) # of communities that report increased diversification of their local economies attributable at least in part to participation in the program.   |
| 49 | (6.11b) # of residents and/or community leaders demonstrating knowledge or skill gains related to community sustainability, community assets, property rights, land use, environmental conservation, interaction between environmental, economic issues, quality of life indicators. |
| 50 | (6.11c) # of community leaders documented to apply community economic development and quality of life indicators to support decision-making.   |
| 51 | (6.11d) # of communities implementing projects that enhance community sustainability and/or protect public health and community well being through sound environmental management.   |
| 52 | (6.12b) # of agriculture/horticulture/natural resource business persons demonstrating knowledge or skill gains related to potential environmental, health, social, and cultural impacts of their operations from the perspective of the community.                                   |

|    |  |
|----|--|
| 53 | (6.12c) # of instances in which producers/ horticulture businesses/ natural resource enterprises, residents and community leaders work together to address issues.   |
| 54 | (6.12d) # documented instances in which agriculture/community conflicts are resolved locally.  |
| 55 | (6.13c) # of community members and/or local leaders demonstrating knowledge or skill gains related to the roles of agriculture/horticulture/ natural resource enterprises in the local community, tax base, and environment and how they are affected by local policy.                                     |
| 56 | (6.13e) # of communities that assess how current policies and infrastructures sustain or impede agriculture/ horticulture/natural resource enterprises (such as farmland protection or including such enterprises in economic development planning) and how the enterprises are affected by public policy. |
| 57 | (6.13f) # of communities that initiate specific plans to address agriculture/ horticulture/ natural resource enterprise related issues or capitalize on new opportunities including community agriculture initiatives.   |
| 58 | (6.13g) # communities documented to adopt, maintain, or expand policies supportive of appropriate agriculture/horticulture/ natural resource enterprise development and/or community agriculture.  |
| 59 | (6.15e) # of youth and adults demonstrating knowledge gains related to Youth/Adult Partnerships and Youth Community Action Initiatives.  |
| 60 | (6.15f) # of youth documented to have practiced life skills necessary to meet challenges of adolescence and adulthood in authentic decision-making partnerships with adults as a result of participating in the program.   |
| 61 | (6.15g) # of adults documented to have applied knowledge, skills and abilities and behaviors necessary as they assist youth developing into productive community members as a result of participating in the program.  |
| 62 | (6.15h) # of documented instances in which youth and adults partner to improve quality of life within a community as a result of participating in the program.   |
| 63 | (6.14c) # of community residents gaining knowledge and skill in weighing the environmental impacts and consequences of management actions taken in residential landscapes and homes.   |
| 64 | (6.14d) # of community residents enhancing knowledge and skill in using research-based information to make plant and management choices among alternatives.  |
| 65 | (6.14e) # of community residents gaining knowledge and skill in choosing and growing food crops for home, school and community gardens.  |
| 66 | (6.14f) # of community residents practicing management tactics in residential landscapes and homes that work to sustain or enhance a healthy community and environment.  |
| 67 | (6.14g) # of community residents with improved availability and access to fresh fruits and vegetables.   |
| 68 | (6.14h) # of community education/demonstration food gardens established or maintained.   |
| 69 | (6.13d) number of youth demonstrating knowledge or skill gains related to the agriculture and food system and/or natural resource enterprises  |
| 70 | (6.14e) number of adultss demonstrating knowledge or skill gains related to the agriculture and food system and/or natural resource enterprises  |

|    |   |
|----|---|
| 71 | Does the Income Achievement Gap Begin in Infancy? Casasola  |
| 72 | Balancing Natural Resource Recreation Management, Human Well-Being, and Community Resilience Tidball                        |
| 73 | Linking Community Information Needs with Information Resources to Support Community Capacity and Regional Cooperation Brown |
| 74 | Partnerships for STEM Education: 4-H Robotics with Lego Mindstorm Technology  |
| 75 | 4-H Club Choose Health Officers Help Youth Embrace Healthy Snacks and Active Play   |
| 76 | 4-H Food Science Camp Increases Interest in Science Among Youth   |
| 77 | Parenting the Second Time Around (PASTA) - NYC - Year One   |
| 78 | Understanding Non-Suicidal Self Injury in Adolescence   |

**Outcome #1**

**1. Outcome Measures**

(6.1c) # of youth participants who demonstrate gains in vocational/citizenship skills - knowledge, attitudes, and/or behaviors.

Not Reporting on this Outcome Measure

**Outcome #2**

**1. Outcome Measures**

(6.1d) # of youth participants who learn to set goals, make plans and identify resources to achieve goals.

Not Reporting on this Outcome Measure

**Outcome #3**

**1. Outcome Measures**

(6.1e) # of youth program educators and adult volunteers who demonstrate knowledge and/or skill gains in meeting the needs of youth at various stages of development.

Not Reporting on this Outcome Measure

**Outcome #4**

**1. Outcome Measures**

(6.1f) # of youth participants who demonstrate ability to express their ideas confidently and competently.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 30028         |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #5**

**1. Outcome Measures**

(6.1g) # of adult volunteers documented to mentor and advise youth and other adult volunteers in an effective and positive manner.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 4475          |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #6**

**1. Outcome Measures**

(6.1h) # of youth participants documented as serving in age-appropriate leadership roles.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 6274          |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #7**

**1. Outcome Measures**

(6.1i) # of youth organizations/programs documented as reflecting youth needs, interests, and excitement for learning.

Not Reporting on this Outcome Measure

**Outcome #8**

**1. Outcome Measures**

(6.2d) # participants demonstrating increased awareness of SET, improved SET skills including scientific methods, knowledge of specific sciences, and/or increased awareness of opportunities to contribute to society using SET skills.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 69805         |

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

**Issue (Who cares and Why)**

**What has been done**

## Results

### 4. Associated Knowledge Areas

| KA Code | Knowledge Area    |
|---------|-------------------|
| 806     | Youth Development |

### Outcome #9

#### 1. Outcome Measures

(6.2e) # of participants that report improved success in school science and/or increased interest in science and technology.

#### 2. Associated Institution Types

- 1862 Extension
- 1862 Research

#### 3a. Outcome Type:

Change in Condition Outcome Measure

#### 3b. Quantitative Outcome

| Year | Actual |
|------|--------|
| 2012 | 19263  |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

### 4. Associated Knowledge Areas

| KA Code | Knowledge Area    |
|---------|-------------------|
| 806     | Youth Development |

## **Outcome #10**

### **1. Outcome Measures**

(6.2f) # youth applying SET learning to contexts outside 4-H programs, e.g., school classes, science fairs, invention contests, etc.

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

- 1862 Extension
- 1862 Research

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

Change in Action Outcome Measure

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

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 26690         |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

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

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

## **Outcome #11**

### **1. Outcome Measures**

(6.2g) # youth expressing interest/demonstrating aspirations towards SET careers, e.g., career fairs, job shadowing, volunteer work or internships

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

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 12148         |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #12**

**1. Outcome Measures**

(6.2h) # youth adopting and using new scientific methods or improved technology.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 9471          |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #13**

**1. Outcome Measures**

(6.2i) # of youth and adult volunteers documented to become contributing participants in sci/tech related issues in their communities and/or choose sci/tech related professions and who attribute same at least in part to involvement with the program.

Not Reporting on this Outcome Measure

**Outcome #14**

**1. Outcome Measures**

(6.2j) Increased number and more diverse pool of youth pursuing education and careers in SET related fields.

Not Reporting on this Outcome Measure

**Outcome #15**

**1. Outcome Measures**

(6.2k) Increased and more diverse pool of trained teachers, educators, scientists.

Not Reporting on this Outcome Measure

**Outcome #16**

**1. Outcome Measures**

(6.3c) # of participating infant and child caregivers who demonstrate knowledge or skill gains related care-giving practices.

Not Reporting on this Outcome Measure

### **Outcome #17**

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

(6.3d) # of participating persons with care-requiring dependents who demonstrate ability to evaluate the quality of care programs

Not Reporting on this Outcome Measure

### **Outcome #18**

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

(6.3e) # of participating infant and child caregivers reporting to have applied positive care-giving practices.

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

- 1862 Extension
- 1862 Research

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

Change in Action Outcome Measure

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

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 1582          |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

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

| <b>KA Code</b> | <b>Knowledge Area</b>                               |
|----------------|---|
| 802            | Human Development and Family Well-Being             |
| 805            | Community Institutions, Health, and Social Services |
| 806            | Youth Development                                   |

**Outcome #19**

**1. Outcome Measures**

(6.3f) # participating persons with care-requiring dependents reporting to have used child care quality characteristics in their care selection.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| Year | Actual |
|------|--------|
| 2012 | 1271   |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| KA Code | Knowledge Area                                      |
|---------|---|
| 802     | Human Development and Family Well-Being             |
| 805     | Community Institutions, Health, and Social Services |
| 806     | Youth Development                                   |

**Outcome #20**

**1. Outcome Measures**

(6.3g) # participating persons with care-requiring dependents reporting positive change in child care as a result of participating in educational programs.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 954           |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>                               |
|----------------|---|
| 802            | Human Development and Family Well-Being             |
| 805            | Community Institutions, Health, and Social Services |
| 806            | Youth Development                                   |

**Outcome #21**

**1. Outcome Measures**

(6.4b) # of program participants who demonstrate knowledge or skills gains regarding community approaches to family care.

Not Reporting on this Outcome Measure

**Outcome #22**

**1. Outcome Measures**

(6.4c) # of program participants reporting to have been involved in community level assessments of family care needs.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 717           |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>  |
|----------------|--|
| 802            | Human Development and Family Well-Being  |
| 803            | Sociological and Technological Change Affecting Individuals, Families, and Communities |
| 805            | Community Institutions, Health, and Social Services                                    |
| 806            | Youth Development  |

**Outcome #23**

**1. Outcome Measures**

(6.4d) # of communities documented to have taken action to address family needs that can be related to educational programs and/or critical community collaborations provided.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Condition Outcome Measure

### 3b. Quantitative Outcome

| Year | Actual |
|------|--------|
| 2012 | 151    |

### 3c. Qualitative Outcome or Impact Statement

**Issue (Who cares and Why)**

**What has been done**

**Results**

### 4. Associated Knowledge Areas

| KA Code | Knowledge Area   |
|---------|--|
| 802     | Human Development and Family Well-Being  |
| 803     | Sociological and Technological Change Affecting Individuals, Families, and Communities |
| 805     | Community Institutions, Health, and Social Services                                    |
| 806     | Youth Development  |

### Outcome #24

#### 1. Outcome Measures

(6.5b) # parents, grandparents and other adults providing parental care gaining who demonstrate knowledge or skills gains regarding developmentally appropriate and effective parenting methods.

Not Reporting on this Outcome Measure

### Outcome #25

#### 1. Outcome Measures

(6.5c) # parents and other adults providing parental care adopting development-ally appropriate and effective parenting methods.

#### 2. Associated Institution Types

- 1862 Extension
- 1862 Research

#### 3a. Outcome Type:

Change in Action Outcome Measure

### 3b. Quantitative Outcome

| Year | Actual |
|------|--------|
| 2012 | 7065   |

### 3c. Qualitative Outcome or Impact Statement

**Issue (Who cares and Why)**

**What has been done**

**Results**

### 4. Associated Knowledge Areas

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

## Outcome #26

### 1. Outcome Measures

(6.5d) # parents/relative caregivers reporting to have experienced positive change in parent-child relationships and child nurturance that they attribute to implementing new parenting behaviors learned in educational programs.

### 2. Associated Institution Types

- 1862 Extension
- 1862 Research

### 3a. Outcome Type:

Change in Condition Outcome Measure

### 3b. Quantitative Outcome

| Year | Actual |
|------|--------|
| 2012 | 7443   |

### 3c. Qualitative Outcome or Impact Statement

**Issue (Who cares and Why)**

**What has been done**

## Results

### 4. Associated Knowledge Areas

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

#### Outcome #27

##### 1. Outcome Measures

(6.6b) # participants who demonstrate knowledge or skill gains and/or can articulate specific actions they will take related to spending and saving concepts, appropriate use of money, setting financial goals, tracking expenses, budgeting, credit management, financial planning, and/or wealth generation strategies.

Not Reporting on this Outcome Measure

#### Outcome #28

##### 1. Outcome Measures

(6.6c) # of program participants reporting they are practicing improved money management skills such as comparison shopping, paying bills on time, paying more than minimum payment, checking credit report, and reviewing and understanding bills/statements as a means to meeting financial goals.

##### 2. Associated Institution Types

- 1862 Extension
- 1862 Research

##### 3a. Outcome Type:

Change in Action Outcome Measure

##### 3b. Quantitative Outcome

| Year | Actual |
|------|--------|
| 2012 | 1995   |

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

**Issue (Who cares and Why)**

**What has been done**

## Results

### 4. Associated Knowledge Areas

| KA Code | Knowledge Area                            |
|---------|---|
| 607     | Consumer Economics                        |
| 801     | Individual and Family Resource Management |

### Outcome #29

#### 1. Outcome Measures

(6.6d) # of program participants reporting to have met day-to-day financial obligations while also progressing on future goals for homeownership, savings, retirement accounts, etc.

#### 2. Associated Institution Types

- 1862 Extension
- 1862 Research

#### 3a. Outcome Type:

Change in Condition Outcome Measure

#### 3b. Quantitative Outcome

| Year | Actual |
|------|--------|
| 2012 | 945    |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

#### 4. Associated Knowledge Areas

| KA Code | Knowledge Area                            |
|---------|---|
| 607     | Consumer Economics                        |
| 801     | Individual and Family Resource Management |

**Outcome #30**

**1. Outcome Measures**

(6.6e) # of program participants reporting to have reduced debts and/or increased savings.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 1015          |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>                     |
|----------------|---|
| 607            | Consumer Economics                        |
| 801            | Individual and Family Resource Management |

**Outcome #31**

**1. Outcome Measures**

(6.7b) # of consumers and property managers gaining awareness and knowledge of indoor air quality issues and remediation options.

Not Reporting on this Outcome Measure

**Outcome #32**

**1. Outcome Measures**

(6.7c) # of program participants documented to have taken measures to prevent or remediate indoor air quality issues.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 3642          |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>  |
|----------------|--|
| 607            | Consumer Economics   |
| 803            | Sociological and Technological Change Affecting Individuals, Families, and Communities             |
| 804            | Human Environmental Issues Concerning Apparel, Textiles, and Residential and Commercial Structures |

**Outcome #33**

**1. Outcome Measures**

(6.7d) # of program participants documented to have reduced short-term health effects of indoor air pollutants (such as irritation of the eyes, nose, and throat, headaches, dizziness, and fatigue) as a result of participating in educational programs.

Not Reporting on this Outcome Measure

**Outcome #34**

**1. Outcome Measures**

(6.7e) # of participants reducing risks of respiratory diseases, heart disease, and cancer by implement measures such as radon remediation, controlling indoor triggers of asthma: secondhand smoke, dust mites, pet dander, and pests.

Not Reporting on this Outcome Measure

**Outcome #35**

**1. Outcome Measures**

(6.8b) # of residents, community leaders, entrepreneurs, economic development professionals demonstrating knowledge/ skill gains re: workforce, entrepreneurial climate, diversification, economic impact analysis, e-commerce, market development, business planning, partnerships.

Not Reporting on this Outcome Measure

**Outcome #36**

**1. Outcome Measures**

6.8c) # of residents and/or community leaders, demonstrating knowledge/skill gains about enhancing facilities and/or other community resources or services.

Not Reporting on this Outcome Measure

**Outcome #37**

**1. Outcome Measures**

(6.8d) # of communities who plan for and implement initiatives on community based agricultural economic development, workforce development, business and entrepreneurial development and assistance, non-profit sector development and/or other elements of sustainable growth.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
|-------------|---------------|

2012

129

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>  |
|----------------|--|
| 608            | Community Resource Planning and Development  |
| 803            | Sociological and Technological Change Affecting Individuals, Families, and Communities |
| 805            | Community Institutions, Health, and Social Services                                    |

**Outcome #38**

**1. Outcome Measures**

(6.8e) # of residents and/or community leaders, who plan for and initiate steps to enhance facilities, and/or other community resources or services.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 2278          |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>  |
|----------------|--|
| 608            | Community Resource Planning and Development  |
| 803            | Sociological and Technological Change Affecting Individuals, Families, and Communities |
| 805            | Community Institutions, Health, and Social Services                                    |

**Outcome #39**

**1. Outcome Measures**

(6.8f) # of communities establishing an infrastructure and climate to support entrepreneurs, local farms and agribusinesses attributable at least in part to initiatives of the program.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 53            |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>  |
|----------------|--|
| 608            | Community Resource Planning and Development  |
| 803            | Sociological and Technological Change Affecting Individuals, Families, and Communities |
| 805            | Community Institutions, Health, and Social Services                                    |

**Outcome #40**

**1. Outcome Measures**

(6.8g) # of communities documenting improvements in facilities and/or other community resources or services.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 115           |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>                               |
|----------------|---|
| 608            | Community Resource Planning and Development         |
| 805            | Community Institutions, Health, and Social Services |

**Outcome #41**

**1. Outcome Measures**

(6.9b) # of community members demonstrating knowledge or skills gains related to community decision-making, public participation, planning and monitoring processes, collaborative approaches, and/or emergency preparedness.

Not Reporting on this Outcome Measure

**Outcome #42**

**1. Outcome Measures**

(6.9c) # of communities instituting new or enhanced participatory processes related to economic development.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 46            |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>                               |
|----------------|---|
| 608            | Community Resource Planning and Development         |
| 805            | Community Institutions, Health, and Social Services |

**Outcome #43**

**1. Outcome Measures**

(6.9d) # of collaborative partnerships established within and across communities for issue resolution and collective action and/or to improve community services.

Not Reporting on this Outcome Measure

**Outcome #44**

**1. Outcome Measures**

(6.9e) # of documented instances in which a community effectively resolves a need or strengthens community assets attributable at least in part to participation in the program.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 213           |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>                               |
|----------------|---|
| 608            | Community Resource Planning and Development         |
| 805            | Community Institutions, Health, and Social Services |

**Outcome #45**

**1. Outcome Measures**

(6.9f) # of communities reporting specific improvements in quality or scope of community services.

Not Reporting on this Outcome Measure

#### **Outcome #46**

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

(6.10b) # of workforce professionals, economic developers and/or entrepreneurs demonstrating knowledge gains related to "green" workforce and business opportunities.

Not Reporting on this Outcome Measure

#### **Outcome #47**

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

(6.10c) # of new workers trained and "green" businesses established at least in part due to participation in the program.

Not Reporting on this Outcome Measure

#### **Outcome #48**

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

(6.10d) # of communities that report increased diversification of their local economies attributable at least in part to participation in the program.

Not Reporting on this Outcome Measure

#### **Outcome #49**

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

(6.11b) # of residents and/or community leaders demonstrating knowledge or skill gains related to community sustainability, community assets, property rights, land use, environmental conservation, interaction between environmental, economic issues, quality of life indicators.

Not Reporting on this Outcome Measure

#### **Outcome #50**

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

(6.11c) # of community leaders documented to apply community economic development and quality of life indicators to support decision-making.

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

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 254           |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>                               |
|----------------|---|
| 131            | Alternative Uses of Land                            |
| 134            | Outdoor Recreation                                  |
| 608            | Community Resource Planning and Development         |
| 805            | Community Institutions, Health, and Social Services |

**Outcome #51**

**1. Outcome Measures**

(6.11d) # of communities implementing projects that enhance community sustainability and/or protect public health and community well being through sound environmental management.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 110           |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>  |
|----------------|--|
| 131            | Alternative Uses of Land   |
| 608            | Community Resource Planning and Development  |
| 803            | Sociological and Technological Change Affecting Individuals, Families, and Communities |

**Outcome #52**

**1. Outcome Measures**

(6.12b) # of agriculture/horticulture/natural resource business persons demonstrating knowledge or skill gains related to potential environmental, health, social, and cultural impacts of their operations from the perspective of the community.

Not Reporting on this Outcome Measure

**Outcome #53**

**1. Outcome Measures**

(6.12c) # of instances in which producers/ horticulture businesses/ natural resource enterprises, residents and community leaders work together to address issues.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 763           |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>  |
|----------------|--|
| 131            | Alternative Uses of Land   |
| 608            | Community Resource Planning and Development  |
| 803            | Sociological and Technological Change Affecting Individuals, Families, and Communities |

**Outcome #54**

**1. Outcome Measures**

(6.12d) # documented instances in which agriculture/community conflicts are resolved locally.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 78            |

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

**Issue (Who cares and Why)**

**What has been done**

## Results

### 4. Associated Knowledge Areas

| KA Code | Knowledge Area   |
|---------|--|
| 131     | Alternative Uses of Land   |
| 608     | Community Resource Planning and Development  |
| 803     | Sociological and Technological Change Affecting Individuals, Families, and Communities |
| 805     | Community Institutions, Health, and Social Services                                    |

### Outcome #55

#### 1. Outcome Measures

(6.13c) # of community members and/or local leaders demonstrating knowledge or skill gains related to the roles of agriculture/horticulture/ natural resource enterprises in the local community, tax base, and environment and how they are affected by local policy.

Not Reporting on this Outcome Measure

### Outcome #56

#### 1. Outcome Measures

(6.13e) # of communities that assess how current policies and infrastructures sustain or impede agriculture/ horticulture/natural resource enterprises (such as farmland protection or including such enterprises in economic development planning) and how the enterprises are affected by public policy.

#### 2. Associated Institution Types

- 1862 Extension
- 1862 Research

#### 3a. Outcome Type:

Change in Action Outcome Measure

#### 3b. Quantitative Outcome

| Year | Actual |
|------|--------|
| 2012 | 84     |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>  |
|----------------|--|
| 131            | Alternative Uses of Land   |
| 608            | Community Resource Planning and Development  |
| 803            | Sociological and Technological Change Affecting Individuals, Families, and Communities |
| 805            | Community Institutions, Health, and Social Services                                    |

**Outcome #57**

**1. Outcome Measures**

(6.13f) # of communities that initiate specific plans to address agriculture/ horticulture/ natural resource enterprise related issues or capitalize on new opportunities including community agriculture initiatives.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 54            |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>    |
|----------------|--------------------------|
| 131            | Alternative Uses of Land |

|     |  |
|-----|--|
| 511 | New and Improved Non-Food Products and Processes                                       |
| 608 | Community Resource Planning and Development  |
| 803 | Sociological and Technological Change Affecting Individuals, Families, and Communities |
| 805 | Community Institutions, Health, and Social Services                                    |

**Outcome #58**

**1. Outcome Measures**

(6.13g) # communities documented to adopt, maintain, or expand policies supportive of appropriate agriculture/horticulture/ natural resource enterprise development and/or community agriculture.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

| Year | Actual |
|------|--------|
| 2012 | 55     |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| KA Code | Knowledge Area   |
|---------|--|
| 608     | Community Resource Planning and Development  |
| 803     | Sociological and Technological Change Affecting Individuals, Families, and Communities |
| 805     | Community Institutions, Health, and Social Services                                    |

**Outcome #59**

**1. Outcome Measures**

(6.15e) # of youth and adults demonstrating knowledge gains related to Youth/Adult Partnerships and Youth Community Action Initiatives.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

| Year | Actual |
|------|--------|
| 2012 | 0      |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| KA Code | Knowledge Area                                      |
|---------|---|
| 608     | Community Resource Planning and Development         |
| 805     | Community Institutions, Health, and Social Services |
| 806     | Youth Development                                   |

**Outcome #60**

**1. Outcome Measures**

(6.15f) # of youth documented to have practiced life skills necessary to meet challenges of adolescence and adulthood in authentic decision-making partnerships with adults as a result of participating in the program.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 18036         |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>                       |
|----------------|---|
| 608            | Community Resource Planning and Development |
| 806            | Youth Development                           |

**Outcome #61**

**1. Outcome Measures**

(6.15g) # of adults documented to have applied knowledge, skills and abilities and behaviors necessary as they assist youth developing into productive community members as a result of participating in the program.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
|-------------|---------------|

2012 4780

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>                       |
|----------------|---|
| 608            | Community Resource Planning and Development |
| 806            | Youth Development                           |

**Outcome #62**

**1. Outcome Measures**

(6.15h) # of documented instances in which youth and adults partner to improve quality of life within a community as a result of participating in the program.

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 3361          |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b> |
|----------------|-----------------------|
|----------------|-----------------------|

---

608 Community Resource Planning and Development  
806 Youth Development

**Outcome #63**

**1. Outcome Measures**

(6.14c) # of community residents gaining knowledge and skill in weighing the environmental impacts and consequences of management actions taken in residential landscapes and homes.

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

| Year | Actual |
|------|--------|
| 2012 | 0      |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| KA Code | Knowledge Area                              |
|---------|---|
| 131     | Alternative Uses of Land                    |
| 134     | Outdoor Recreation                          |
| 608     | Community Resource Planning and Development |
| 801     | Individual and Family Resource Management   |
| 802     | Human Development and Family Well-Being     |
| 806     | Youth Development                           |

**Outcome #64**

**1. Outcome Measures**

(6.14d) # of community residents enhancing knowledge and skill in using research-based information to make plant and management choices among alternatives.

Not Reporting on this Outcome Measure

**Outcome #65**

**1. Outcome Measures**

(6.14e) # of community residents gaining knowledge and skill in choosing and growing food crops for home, school and community gardens.

Not Reporting on this Outcome Measure

**Outcome #66**

**1. Outcome Measures**

(6.14f) # of community residents practicing management tactics in residential landscapes and homes that work to sustain or enhance a healthy community and environment.

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 27979         |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b> |
|----------------|-----------------------|
|----------------|-----------------------|

---

|     |   |
|-----|---|
| 131 | Alternative Uses of Land                            |
| 608 | Community Resource Planning and Development         |
| 802 | Human Development and Family Well-Being             |
| 805 | Community Institutions, Health, and Social Services |
| 806 | Youth Development                                   |

### **Outcome #67**

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

(6.14g) # of community residents with improved availability and access to fresh fruits and vegetables.

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

- 1862 Extension

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

Change in Condition Outcome Measure

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

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 15920         |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

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

| <b>KA Code</b> | <b>Knowledge Area</b>  |
|----------------|--|
| 801            | Individual and Family Resource Management  |
| 802            | Human Development and Family Well-Being  |
| 803            | Sociological and Technological Change Affecting Individuals, Families, and Communities |
| 806            | Youth Development  |

**Outcome #68**

**1. Outcome Measures**

(6.14h) # of community education/demonstration food gardens established or maintained.

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

| Year | Actual |
|------|--------|
| 2012 | 109    |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| KA Code | Knowledge Area                              |
|---------|---|
| 131     | Alternative Uses of Land                    |
| 608     | Community Resource Planning and Development |
| 802     | Human Development and Family Well-Being     |
| 806     | Youth Development                           |

**Outcome #69**

**1. Outcome Measures**

(6.13d) number of youth demonstrating knowledge or skill gains related to the agriculture and food system and/or natural resource enterprises

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
| 2012        | 5479          |

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

| <b>KA Code</b> | <b>Knowledge Area</b>                       |
|----------------|---|
| 131            | Alternative Uses of Land                    |
| 608            | Community Resource Planning and Development |
| 806            | Youth Development                           |

**Outcome #70**

**1. Outcome Measures**

(6.14e) number of adultss demonstrating knowledge or skill gains related to the agriculture and food system and/or natural resource enterprises

**2. Associated Institution Types**

- 1862 Extension
- 1862 Research

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

| <b>Year</b> | <b>Actual</b> |
|-------------|---------------|
|-------------|---------------|

2012

5851

### 3c. Qualitative Outcome or Impact Statement

**Issue (Who cares and Why)**

**What has been done**

**Results**

### 4. Associated Knowledge Areas

| <b>KA Code</b> | <b>Knowledge Area</b>                       |
|----------------|---|
| 131            | Alternative Uses of Land                    |
| 608            | Community Resource Planning and Development |
| 806            | Youth Development                           |

### Outcome #71

#### 1. Outcome Measures

Does the Income Achievement Gap Begin in Infancy? Casasola

Not Reporting on this Outcome Measure

### Outcome #72

#### 1. Outcome Measures

Balancing Natural Resource Recreation Management, Human Well-Being, and Community Resilience Tidball

Not Reporting on this Outcome Measure

### Outcome #73

#### 1. Outcome Measures

Linking Community Information Needs with Information Resources to Support Community Capacity and Regional Cooperation Brown

Not Reporting on this Outcome Measure

**Outcome #74**

**1. Outcome Measures**

Partnerships for STEM Education: 4-H Robotics with Lego Mindstorm Technology

Not Reporting on this Outcome Measure

**Outcome #75**

**1. Outcome Measures**

4-H Club Choose Health Officers Help Youth Embrace Healthy Snacks and Active Play

Not Reporting on this Outcome Measure

**Outcome #76**

**1. Outcome Measures**

4-H Food Science Camp Increases Interest in Science Among Youth

Not Reporting on this Outcome Measure

**Outcome #77**

**1. Outcome Measures**

Parenting the Second Time Around (PASTA) - NYC - Year One

Not Reporting on this Outcome Measure

**Outcome #78**

**1. Outcome Measures**

Understanding Non-Suicidal Self Injury in Adolescence

Not Reporting on this Outcome Measure

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

### External factors which affected outcomes

- Economy
- Public Policy changes
- Government Regulations
- Competing Public priorities
- Populations changes (immigration, new cultural groupings, etc.)

### Brief Explanation

**Youth** Fiscal pressures internal to Extension and among community organizations influence the scope and quality of programming available to youth. Increasing diversity of our populations creates need for a broader array of program materials, strategies and for a focus on multicultural competencies. Changing educational standards influence acceptability of existing curricula.

Regional

demographic differences and differences across communities influence both needs and program strategy.

**Family** The economic, political and governmental sectors affect the quality, availability and accessibility of infant and child care. The growth of aging and minority populations in the US means

more diverse cultures and values related to parenting, child care, and family care giving. Natural disasters such as major flooding experienced in many areas of New York in 2011 and the continued

weak economy affected household financial status and impacted energy issues. Public and private

funders and CCE had fewer fiscal resources and other resources to devote to the quality of life in

financial, human development, energy and indoor air quality matters.

**Community** Communities operate in a complex and volatile context involving susceptibility to weather extremes, changing governmental policies and regulations, land uses demands and shifting

development patterns, evolving consumer demands and globalization related economic factors. Weather related disasters, flooding in particular, greatly impacted many communities in terms

of infrastructure damage and direct costs. The global, statewide, and regional economies directly

impacted local economies. Fundamental change is occurring in the state and regional

economies. The specific implications of these external factors varied greatly by locale and across regions.

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

### **Evaluation Results**

The evaluation approach included in our plan can be more accurately described as an evaluation "system" rather than as bounded "studies" or investigations. Because each of the plans addresses a broad combination of applied research and extension initiatives spanning multiple audiences, methods, and intended outcomes, a combination of routine program monitoring and documentation, near-term outcome assessment, and targeted follow-up activities is required to provide comprehensive assessment. In addition, specialized data needs of funding partners must be addressed, sometimes using methods and/or accountability structures required by the funders.

Cornell Cooperative Extension works with the Cornell Office of Research and Evaluation (CORE) to influence our evaluation patterns and procedures. CORE has piloted the Evaluation Partnership Project (EPP) over the last decade documenting processes that work for Cornell Cooperative Extension and teaching process. The CORE Evaluation Partnership Project has included intensive program development and evaluation planning with a number of targeted programs and counties.

We employ a combination of routine program monitoring and documentation, near-term outcome assessment, and targeted follow-up activities for each of our planned programs. The results are aggregated in a statewide accountability system, which leads to the summary results reported in the State Defined Outcomes in each plan including selected impact statements and success stories from a pool of more than 400 documented narratives.

Several of the program areas including Parenting in Context and Family Economics and Resources Management have created an evaluation plan and resources for statewide evaluation efforts. 4-H is moving in that direction with the staff working closely with National 4-H Headquarters and Council to use national outcomes and measures systematically.

### **Key Items of Evaluation**

See cross cutting outcomes in State Defined Outcomes.