

# 2007 University of Maine Extension Annual Report

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2007 University of Maine Extension Annual Report

## I. Report Overview

### 1. Executive Summary

For more than 90 years, the University of Maine has been charged with reaching out to Maine citizens and providing accessible education, leadership, and service to the state. As a land-grant and sea-grant institution, our participation in community life and improvement is vital. The University of Maine Cooperative Extension supports UMaine's public education and service role by conducting Extension programs in every county in Maine, and beyond.

During 2007, the first year of our new Plan of Work, we have engaged in educational programming and discovery that reflects the needs of Maine citizens resulting in improved quality of life for thousands of individuals. Our work has reflected needs specific to 18 Maine issue areas identified through a recent statewide needs assessment process, and through ongoing input by citizens and stakeholders.

We at the University of Maine Cooperative Extension commit to serving Maine with a deep appreciation of our roots and a profound belief that we can create an even better future together. In the process we will use our limited resources wisely and continue to partner with the people, agencies, and other educational entities to achieve long-term outcomes in five areas:

- enhance the economic and environmental sustainability of Maine agriculture and aquaculture;
- increase the economic and social viability and sustainability of Maine communities;
- enhance the safety, sustainability, and dependability of Maine's food supply;
- improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness; and
- protect and enhance Maine's natural resources and environment through sustainable stewardship.

#### Total Actual Amount of professional FTEs/SYs for this State

Year:2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	94.8	0.0	8.9	0.0
<b>Actual</b>	79.8	0.0	6.9	0.0

## II. Merit Review Process

### 1. The Merit Review Process that was Employed for this year

- External University Panel
- Expert Peer Review
- Other (Individual experts pertinent to Maine issue areas )

### 2. Brief Explanation

ExternalUniversityPanel & Expert Peer Review – Multi-state Consortium

During development of the current Plan of Work cycle, the UMaine Extension entered into a formal partnership with Extension programs in Massachusetts, New Hampshire, and Vermont to develop and implement a web-based planning and reporting system. As a result of this unique partnership the four states share a planning and reporting system that allows our staff to access programming intentions and accomplishments from the others within the partnership. As part of our agreement we also developed a rotating multi-state Merit Review process to allow each state partner to receive a thorough peer-review of their state Plans of Work each four years. This rotational process is accomplished by Extension faculty members who review planned programs with outputs and outcomes that relate to their own programming expertise. For example, during 2007 4-H youth development staff from Massachusetts, Maine and Vermont conducted a review of the 4-H youth development plans for New Hampshire, regional Agriculture staff reviewed New Hampshire Agriculture plans, etc. All of New Hampshire's planned programs underwent review during 2007.

The Review process was developed jointly so that a consistent process would be employed for each state. Planned programs were reviewed, data collected, reviewer-groups summarized scores and comments, and a report was prepared for each planned program. Results were shared with New Hampshire staff members and incorporated into the 2008 planning process. Most of the interaction was accomplished online, through our common planning and reporting system.

This system not only provided New Hampshire with valuable peer-review, but also increased collaboration potential between programs in neighboring states and helped the reviewers to reflect more critically on their own plans. New Hampshire was the first state to undergo this process of review in 2007, Vermont will be reviewed in 2008, Maine in 2009, and Massachusetts in 2010.

ExternalUniversityPanel & Expert Peer Review – CSREES Review

During 2007 our Horticulture Team responded to a comprehensive review by USDA/CSREES, conducted in August 2007. The statewide team of horticulture educators responded to recommendations contained within the review document for home horticulture education, consumer horticulture outreach, and the Maine Master Gardener program. As a result of the review the Team has been expanding connections with campus horticulture faculty and creating a more focused statewide logic model for each specific project within their scope of work. The program's efficiency has been increased through improved volunteer training and management, and through more consistent statewide policies. The format of our presentation documents were greatly valued by the review team and upon their request was made available as a template for future states to use when undergoing comprehensive USDA horticulture reviews.

Individual Experts Pertinent to Maine Issue Areas

The process of engaging external stakeholders with diverse role to contribute to ongoing review of programming within Maine Issue Areas is beginning in 2008.

**III. Stakeholder Input****1. Actions taken to seek stakeholder input that encouraged their participation**

- Use of media to announce public meetings and listening sessions
- Targeted invitation to traditional stakeholder groups
- Targeted invitation to non-traditional stakeholder groups
- Targeted invitation to traditional stakeholder individuals
- Targeted invitation to non-traditional stakeholder individuals
- Targeted invitation to selected individuals from general public
- Survey of traditional stakeholder groups
- Survey of traditional stakeholder individuals
- Other (Research using relevant current and first-source data)

**Brief Explanation**

The foundations of our current Plan of Work cycle lie in a statewide needs assessment conducted in 2005 and 2006 that included two components which encouraged direct stakeholder participation. The first was a targeted solicitation of stakeholders, UMaine teaching and research faculty, and Extension staff to define a list of priority issues relevant to citizens and within the general categories of Extension programming in Maine; agriculture, stages of life, health and wellness, natural resources and the environment, and sustainable communities and lifestyles. The second component involved stakeholders and the general public in a series of public planning discussions that were designed and implemented under contract with the University of Maine Center for Research and Evaluation. Ongoing programming priorities are informed by interaction with traditional and non-traditional stakeholder groups and targeted needs assessment.

**2(A). A brief statement of the process that was used by the recipient institution to identify individuals and groups stakeholders and to collect input from them****1. Method to identify individuals and groups**

- Use Advisory Committees
- Needs Assessments
- Use Surveys
- Other (Identify and analyze issues)

**Brief Explanation**

Stakeholders are identified through a deep understanding of current and emerging issues in Maine, and the issue's relevance to the citizens of Maine; and through ongoing interactions with advisory committees and traditional stakeholder groups who serve as the eyes and ears for UMaine Extension within communities and specific areas of interest.

**2(B). A brief statement of the process that was used by the recipient institution to identify individuals and groups who are stakeholders and to collect input from them**

**1. Methods for collecting Stakeholder Input**

- Meeting with traditional Stakeholder groups
- Meeting with traditional Stakeholder individuals
- Meeting specifically with non-traditional groups
- Other (Research using relevant current and first source data)

**Brief Explanation**

{NO DATA ENTERED}

**3. A statement of how the input was considered**

- In the Budget Process
- To Identify Emerging Issues
- Redirect Extension Programs
- To Set Priorities

**Brief Explanation**

During 2007 we were informed by data from a recent needs assessment, which includes stakeholder input, which is used to inform UMaine Extension teams and individuals about ongoing and emerging issues and helps prioritize and focus research and Extensions programs appropriately and effectively.

**Brief Explanation of what you learned from your Stakeholders**

Agricultural and agroforestry stakeholders continued to express a need for research projects to address specific issues. These issues were most often associated with finding ways to increase yield or reduce costs. The Maine Agricultural Center is our partnership with the UMaine College of Natural Sciences, Forestry, and Agriculture; and the Maine Agricultural and Forest Experiment Station. Together we support stakeholder driven agricultural research and education for Maine.

Examples of recent projects include:

- uml;Effects of Phosphorus on Scaevola aemula Quality, Morphology, and Foliar Nutrient Concentrations
- uml;Effectiveness of Sodium Acid Sulfate to reduce Enzymatic Browning and Acrylamide Formation in Maine Potatoes
- uml;Cold Temperature Tolerance of Apple Rootstocks
- uml;Beef Bedding Trial
- uml;Evaluation of resistance to Lily Leaf Beetle in Liliium spp. Cultivars
- uml;Maine Berries as Natural Preservatives and Consumer Acceptability
- uml;Extension and Research Needs of Maine’s Medicinal Herb Industry
- uml;Evaluating Bt Corn for Yield and Silage Quality
- uml;Optimum Use of Solar Gain Available in High Tunnels and Greenhouses in Maine
- uml;Effect of Compost and Cover Crops on Soil Health in an Organic Vegetable Productions System when combined with Minimal Tillage
- uml;Maine Maple Syrup Production Costs

Driven by policy from the national 4-H program, our 4-H Youth Development program crafted new 4-H clover bud rules. The specifics and implementation were directed with stakeholder input.

As a result of input received from clients and executive committee leadership, the Cumberland County Extension Association made a commitment to engage in a major capital campaign to construct the UMaine Regional Learning Center at Tidewater Farm near Portland, Maine's most populous and multi-cultural city. The Center will house the county Extension office and allow for expanded programming and integrated University outreach to over 400,000 citizens in southern Maine.

As a result of County Commissioners request for support in coordinating county-funded agencies serving the public, Extension faculty convened an interagency committee to advocate for greater coordinated service delivery, adequate state funding, and improved relations with state legislators culminating in a Cumberland County Day proclamation at the State House.

**IV. Expenditure Summary**

<b>1. Total Actual Formula dollars Allocated (prepopulated from C-REEMS)</b>			
<b>Extension</b>		<b>Research</b>	
<b>Smith-Lever 3b &amp; 3c</b>	<b>1890 Extension</b>	<b>Hatch</b>	<b>Evans-Allen</b>
2120640	0	0	0

<b>2. Totaled Actual dollars from Planned Programs Inputs</b>				
<b>Extension</b>			<b>Research</b>	
	<b>Smith-Lever 3b &amp; 3c</b>	<b>1890 Extension</b>	<b>Hatch</b>	<b>Evans-Allen</b>
<b>Actual Formula</b>	2429977	0	0	0
<b>Actual Matching</b>	7554366	0	0	0
<b>Actual All Other</b>	5247834	0	0	0
<b>Total Actual Expended</b>	15232177	0	0	0

<b>3. Amount of Above Actual Formula Dollars Expended which comes from Carryover funds from previous years</b>				
<b>Carryover</b>	309337	0	0	0

## V. Planned Program Table of Content

S. NO.	PROGRAM NAME
1	Aging Lifestyles
2	Agriculture - Crop Production
3	Coastal and Marine
4	Entrepreneurship - Small and Home Based Business
5	Agriculture - Sustainable Business Management
6	Community Development: Capacity-building Skills
7	Environmental Education - Sustainable Living
8	Family Relations and Transitions
9	Food Safety
10	Forestry and Wildlife
11	Health Literacy, Disease, and Our Health Care System
12	Healthy Lifestyles
13	Administrative Plan of Work; Planning and Supervision
14	Home Horticulture
15	Maine Livestock Industry
16	Pest Management
17	Sustainable Communities
18	Youth Development
19	Watershed Management

**Program #1**

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

**1. Name of the Planned Program**

Aging Lifestyles

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

**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
607	Consumer Economics	10%			
608	Community Resource Planning and Development	10%			
723	Hazards to Human Health and Safety	10%			
724	Healthy Lifestyle	10%			
801	Individual and Family Resource Management	10%			
802	Human Development and Family Well-Being	10%			
803	Sociological and Technological Change Affecting Individuals, Families and Communities	10%			
805	Community Institutions, Health, and Social Services	10%			
901	Program and Project Design, and Statistics	10%			
903	Communication, Education, and Information Delivery	10%			
	<b>Total</b>	100%			

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	0.4	0.0	0.2	0.0
<b>Actual</b>	0.1	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
5722	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
16823	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**

•eXtension Family Care giving Community of Practice [CoP] Web Site Development    •Preparing for Elder Care Employer/Employee Project

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

- Extension - all staff (Adult)
- Social Service Providers (Adult)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	<b>Direct Contacts Adults</b>	<b>Indirect Contacts Adults</b>	<b>Direct Contacts Youth</b>	<b>Indirect Contacts Youth</b>
<b>Year</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>
<b>Plan</b>	160	275	0	0
2007	110	0	0	0

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

**Patent Applications Submitted**

<b>Year</b>	<b>Target</b>
<b>Plan:</b>	0
2007 :	0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	<b>Extension</b>	<b>Research</b>	<b>Total</b>
<b>Plan</b>			
2007	0	0	0

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

**Output Target**

**Output #1**

**Output Measure**

- Direct - Collaborative or Cooperative Effort

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	6	4

**Output #2**

**Output Measure**

- Direct - Workshop - single session

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	0

**Output #3**

**Output Measure**

- Indirect - Website

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	5	0



**V(G). State Defined Outcomes****V. State Defined Outcomes Table of Content**

O No.	OUTCOME NAME
1	Access relevant UMCE web-based resources
2	Demonstrate how to critically evaluate the effectiveness of existing policies or practices
3	Describe how to care for and nurture others
4	Describe how to manage stress.
5	Describe legal documents related to personal care, health care and end-of-life-issues
6	Describe local health care and long-term care programs and services
7	Balance roles, responsibilities, and stress
8	Care for and nurture others
9	Evaluate and analyze existing employer policies or practices
10	Prepare legal documents related to personal care, health care and end-of-life issues
11	Use programs and services that support independent living
12	Use relevant UMCE web-based resources
13	Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness
14	Increase the economic and social viability and sustainability of Maine communities.
15	Care for and nurture others Use programs and services that support independent living

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

Access relevant UMCE web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	400	86972

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
724	Healthy Lifestyle
801	Individual and Family Resource Management
805	Community Institutions, Health, and Social Services
608	Community Resource Planning and Development
903	Communication, Education, and Information Delivery

**Outcome #2****1. Outcome Measures**

Demonstrate how to critically evaluate the effectiveness of existing policies or practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	3	12

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
901	Program and Project Design, and Statistics
608	Community Resource Planning and Development
801	Individual and Family Resource Management
805	Community Institutions, Health, and Social Services
903	Communication, Education, and Information Delivery

**Outcome #3**

**1. Outcome Measures**

Describe how to care for and nurture others

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	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
724	Healthy Lifestyle

**Outcome #4**

**1. Outcome Measures**

Describe how to manage stress.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	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
724	Healthy Lifestyle
723	Hazards to Human Health and Safety

**Outcome #5**

**1. Outcome Measures**

Describe legal documents related to personal care, health care and end-of-life-issues

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	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
801	Individual and Family Resource Management
607	Consumer Economics
608	Community Resource Planning and Development
805	Community Institutions, Health, and Social Services

**Outcome #6**

**1. Outcome Measures**

Describe local health care and long-term care programs and services

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	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
805	Community Institutions, Health, and Social Services
803	Sociological and Technological Change Affecting Individuals, Families and Communities
608	Community Resource Planning and Development

**Outcome #7**

**1. Outcome Measures**

Balance roles, responsibilities, and stress

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	5	12

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
724	Healthy Lifestyle
723	Hazards to Human Health and Safety

**Outcome #8**

**1. Outcome Measures**

Care for and nurture others

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	5	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
802	Human Development and Family Well-Being
724	Healthy Lifestyle
805	Community Institutions, Health, and Social Services
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #9**

**1. Outcome Measures**

Evaluate and analyze existing employer policies or practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	3	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
901	Program and Project Design, and Statistics
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services

**Outcome #10**

**1. Outcome Measures**

Prepare legal documents related to personal care, health care and end-of-life issues

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	5	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
805	Community Institutions, Health, and Social Services
903	Communication, Education, and Information Delivery
608	Community Resource Planning and Development
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #11**

**1. Outcome Measures**

Use programs and services that support independent living

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	5	0

**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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities
903	Communication, Education, and Information Delivery
805	Community Institutions, Health, and Social Services
801	Individual and Family Resource Management
608	Community Resource Planning and Development
724	Healthy Lifestyle

**Outcome #12**

**1. Outcome Measures**

Use relevant UMCE web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	300	37825

**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
805	Community Institutions, Health, and Social Services
724	Healthy Lifestyle
903	Communication, Education, and Information Delivery

**Outcome #13**

**1. Outcome Measures**

Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness



**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
724	Healthy Lifestyle
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services

**Outcome #14**

**1. Outcome Measures**

Increase the economic and social viability and sustainability of Maine communities.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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

**Outcome #15**

**1. Outcome Measures**

Care for and nurture others Use programs and services that support independent living

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	0

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

**Issue (Who cares and Why)**

Senior Companion Program (SCP): According to the U.S. Census Bureau, Maine has the seventh oldest population in the nation. The number of citizens 65 and older comprises approximately 14 percent of the state population and is projected to grow to 21 percent of the state population by 2025. As Maine,s population ages, the number of seniors needing extra assistance to live independently rises. Without this help, many older adults would have to move into costly assisted-living facilities.

**What has been done**

For 26 years, we have provided a cost-effective solution to help older adults remain independent. The SCP facilitates volunteers aged 60 and older in providing companionship and support to homebound and/or isolated adults. The SCP also provides trainings designed to build skills and to provide new information relative to their assignments. Senior Companions assist with visits to health care providers, help run errands, help with home management, and provide advocacy.

**Results**

In 2007, the Senior Companion Program utilized 105 volunteers aged 60 and older to provide companionship and support to homebound adults. Limited-income Senior Companions receive an hourly stipend, insurance, reimbursement for transportation, and monthly training. Our trained volunteers worked an average of 65 hours per month, for a total of 82,260 volunteer hours.

Extension staff operating the Senior Companion Program determined that 53 individuals (about 10 percent of the client base) currently participating in the program would likely need to live in assisted-living facilities if they were not receiving assistance through the Senior Companion Program.

The estimated assisted-living facility cost savings for the 53 clients participating in the Senior Companion Program in 2006 was \$4,237,000. This represents a substantial program benefit associated with the state and federal costs.

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
802	Human Development and Family Well-Being
801	Individual and Family Resource Management
805	Community Institutions, Health, and Social Services

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

**External factors which affected outcomes**

- Economy
- Appropriations changes
- Competing Public priorities
- Competing Programmatic Challenges
- Other (Sabbatical Leave)

### **Brief Explanation**

There are many external factors that affect the outcomes of programming related to the aging. Many older adults have fixed incomes and struggle to put food on the table, heat in their homes, pay for medications and other medical care and pay for transportation costs. Often as people age, their overall health also impacts their ability to participate in programming. Our society is viewed as a youth oriented culture and many resources are directed to that arena instead of to older adults.

During 2007 a key faculty member whose traditional focus is in the area of aging was on academic sabbatical leave.

## **V(l). Planned Program (Evaluation Studies and Data Collection)**

### **1. Evaluation Studies Planned**

- Retrospective (post program)
- Before-After (before and after program)
- During (during program)
- Time series (multiple points before and after program)

### **Evaluation Results**

#### **Key Items of Evaluation**

**Program #2**

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

**1. Name of the Planned Program**

Agriculture - Crop Production

**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	5%		5%	
102	Soil, Plant, Water, Nutrient Relationships	5%		5%	
111	Conservation and Efficient Use of Water	15%		15%	
112	Watershed Protection and Management	10%		10%	
131	Alternative Uses of Land	5%		5%	
202	Plant Genetic Resources	5%		5%	
205	Plant Management Systems	10%		10%	
405	Drainage and Irrigation Systems and Facilities	5%		5%	
502	New and Improved Food Products	15%		15%	
604	Marketing and Distribution Practices	25%		25%	
<b>Total</b>		<b>100%</b>		<b>100%</b>	

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	10.9	0.0	2.1	0.0
<b>Actual</b>	7.8	0.0	2.5	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
410047	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
1154242	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
224643	0	0	0

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

**1. Brief description of the Activity**

•Commercial Agriculture Conference •Commercial Agriculture Workshop Series •Consultations on Crop Production  
 •Cut Flower Research •Commercial Agriculture Demonstrations •Field Day Presentations •Field Research,  
 PowerPoint Presentation, Seminars •Maine Agriculture Trades Show •Maine Potato Conference •Maine Vegetable and  
 Fruit School •Meetings on Crop Production Practices •New England Regional In-Service Training for Agricultural Service  
 Providers •New England Vegetable Management Guide •Organic Forage and Grain Cropping Systems •Pest Alert  
 Newsletter •Pest Management Conference •Pest Management Hotline •Piscataquis Farming Newsletter •Potato  
 Cropping Systems - Applied Research •Potato Program Web site •Solar Collection for Hoop Houses and Green Houses  
 •Spudlines Newsletter •Tree Fruit Meetings •Tree Fruit Newsletter •Vegetable Variety and Production Trials •York  
 County Farmer's Network

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

•4-H Members (Youth) •Adults with Disabilities (Adults) •Agency Staff or Professionals (Adult) •Agricultural  
 Producers (Adult) •Agricultural Workers (Adult) •Coalition Members (Adult) •Commercial Apple Growers (Adult)  
 •Commercial Beef Producers (Adult) •Commercial Dairy Producers (Adult) •Commercial Potato Growers  
 (Adult) •Commercial Vegetable Growers (Adult) •Consumers (Adult) •Extension - staff (Adult) •Extension  
 Faculty (Adult) •Extension Professionals (Adult) •Farmers (Adult) •General Public (Adult) •Green Industry  
 Members (Adult) •Greenhouse Operators (Adult) •Home Gardeners (Adult) •Municipal Officials (Adult)  
 •Veterinarians (Adult)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	11535	13198	0	0
2007	6563	38905	185	0

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

**Patent Applications Submitted**

<b>Year</b>	<b>Target</b>
Plan:	0
2007 :	0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	Extension	Research	Total
Plan			
2007	1	0	0

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

**Output Target**

**Output #1****Output Measure**

- Direct - Seminar

Year	Target	Actual
2007	2	0

**Output #2****Output Measure**

- Direct - Public Presentation

Year	Target	Actual
2007	10	183

**Output #3****Output Measure**

- Direct - Group Presentation

Year	Target	Actual
2007	384	4

**Output #4****Output Measure**

- Direct - Experiential Learning

Year	Target	Actual
2007	1	0

**Output #5****Output Measure**

- Direct - Display or exhibit

Year	Target	Actual
2007	1	0

**Output #6****Output Measure**

- Indirect - Publication - referred journal article

Year	Target	Actual
2007	1	0

**Output #7****Output Measure**

- Indirect - Website

Year	Target	Actual
2007	1	1

**Output #8****Output Measure**

- Direct - Demonstration Project

Year	Target	Actual
2007	1	2

**Output #9****Output Measure**

- Direct - Consultation

Year	Target	Actual
2007	640	991

**Output #10****Output Measure**

- Indirect - Publication - fact sheet

Year	Target	Actual
2007	2	0

**Output #11****Output Measure**

- Indirect - Publication - manual

Year	Target	Actual
2007	1	1

**Output #12****Output Measure**

- Indirect - Publication - newsletter

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	55	21

**Output #13****Output Measure**

- Direct - Conference or symposium

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	205	330

**Output #14****Output Measure**

- Direct - Collaborative or Cooperative Effort

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	47	6

**Output #15****Output Measure**

- Direct - Applied Research

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	13	12

**Output #16****Output Measure**

- Direct - Train-the-Trainer

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	1

**Output #17****Output Measure**

- Direct - Workshop - series

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	300	37

**Output #18****Output Measure**

- Direct - Workshop - single session

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	6	2

**Output #19****Output Measure**

- Direct - Written or e-mail Response to Client Request

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	50	0

**Output #20****Output Measure**

- Indirect - AV resource

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	15	24

**Output #21****Output Measure**

- Indirect - Applied Research

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	7	25

## V(G). State Defined Outcomes

## V. State Defined Outcomes Table of Content

O No.	OUTCOME NAME
1	Access relevant UMCE publications
2	Access relevant UMCE web-based resources
3	Demonstrate animal management skills
4	Demonstrate basic business management skills
5	Demonstrate how to amend soils
6	Demonstrate how to apply pesticides safely and effectively
7	Demonstrate how to develop integrated farming systems
8	Demonstrate how to diagnose pest problems
9	Demonstrate how to effectively manage grasslands
10	Demonstrate how to evaluate the potential of new and non-traditional crops and varieties for profitable production in Maine
11	Demonstrate how to feed animals with production and economy in mind
12	Demonstrate how to grow fruits and vegetables
13	Demonstrate how to operate farm equipment safely
14	Demonstrate how to test new crops
15	Demonstrate how to test new nutrient management strategies
16	Demonstrate how to test new production techniques
17	Demonstrate how to test new storage techniques
18	Demonstrate how to test new varieties
19	Demonstrate new variety performance and potential
20	Demonstrate sound agricultural practices
21	Describe IPM techniques
22	Describe IPM technologies and benefits
23	Describe advantages of alternative crop management strategies
24	Describe advantages of new technologies to improve crop yield and quality and to reduce environmental impacts and off-farm inputs
25	Describe alternative crop management strategies
26	Describe alternative pest manage techniques
27	Describe forages and forage quality
28	Describe hoop house crop management
29	Describe hoop house crops
30	Describe hoop house technology
31	Describe integrated farming systems
32	Describe new crops and varieties
33	Describe nutrient sources, recycling and delivery methods that are compatible with crop, soil and production systems
34	Describe practices that improve efficiency, reduce inputs, or increase profitability
35	Describe production practices associate with new crops for the region
36	Describe proper food handling practices
37	Describe solar heating technology
38	Describe sound agricultural practices
39	Describe the advantages of new technologies to improve crop yield and quality and to reduce environmental impacts



- |    |  |
|----|--|
| 40 | Describe the benefits of efficiency in irrigation water use  |
| 41 | Describe the benefits of grass-fed livestock   |
| 42 | Describe the inherent instability of monocultures  |
| 43 | Describe the value of networks   |
| 44 | Describe the value of organic nutrient sources to sustainable cropping systems   |
| 45 | Adopt IPM strategies   |
| 46 | Adopt and maintain integrated pest management strategies   |
| 47 | Adopt appropriate handling and storage technologies  |
| 48 | Adopt appropriate management strategies  |
| 49 | Adopt appropriate pest management practices  |
| 50 | Enhance the economic and environmental sustainability of Maine agriculture and aquaculture.                                      |
| 51 | Adopt appropriate practices  |
| 52 | Enhance the safety, sustainability, and dependability of Maine's food supply.  |
| 53 | Adopt appropriate technologies   |
| 54 | Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness. |
| 55 | Adopt environmentally sound technologies that improve economic viability   |
| 56 | Protect and enhance Maine's natural resources and environment through sustainable stewardship.                                   |
| 57 | Adopt new crop   |
| 58 | Adopt practices that maintain long-term productivity   |
| 59 | Adopt practices that maintain profitability  |
| 60 | Develop environmentally sound technologies that improve economic viability   |
| 61 | Develop sustainable networks   |
| 62 | Enroll in and work with Farms for the Future   |
| 63 | Evaluate and adopt nutrient sources, recycling and delivery systems that produce high quality crops                              |
| 64 | Evaluate new cropping systems  |
| 65 | Evaluate the potential of new and non-traditional crops and varieties for profitable production in Maine                         |
| 66 | Expand and enhance markets   |
| 67 | Grow new crop  |
| 68 | Grow new variety   |
| 69 | Improve IPM  |
| 70 | Improve crop quality and marketability   |
| 71 | Improve production and quality of crops  |
| 72 | Improve soil health  |
| 73 | Increase purchase of Maine products  |
| 74 | Maintain Certified Crop Advisor Certification  |
| 75 | Maintain nutrient management certification   |
| 76 | Maintain pesticide applicator certification  |
| 77 | Make appropriate cultivar choices  |
| 78 | Make better decisions regarding pest management  |
| 79 | Participate in the Maine grass farmer network  |
| 80 | Test new crops   |
| 81 | Test new production techniques   |
| 82 | Test new varieties   |
| 83 | Use relevant UMCE web-based resources  |
| 84 | Acquire pesticide applicator certification   |
| 85 | Adopt appropriate nutrient management strategies   |
| 86 | Complete volunteer commitment  |
| 87 | Compost  |

88	Create jobs
89	Develop partnerships among organizations or groups
90	Grow trialed plants
91	Increase crop production
92	Manage business to achieve profit
93	Operate equipment safely
94	Reduce pesticide use
95	Use new technologies
96	Use pesticides safely
97	Describe an improved quality of life
98	Describe plant and animal disorders
99	Adopt new crop Adopt practices that maintain profitability Develop sustainable networks Evaluate new cropping systems Evaluate the potential of new and non-traditional crops and varieties for profitable production in Maine Expand and enhance markets Grow new crop Improve crop quality and marketability Improve production and quality of crops Increase purchase of Maine products Test new crops Test new production techniques Develop partnerships among organizations or groups Manage business to achieve profit
100	Adopt appropriate practices Adopt practices that maintain profitability Expand and enhance markets Develop partnerships among organizations or groups Manage business to achieve profit
101	Adopt appropriate pest management practices Adopt appropriate practices Adopt appropriate technologies Adopt new crop Adopt practices that maintain profitability Evaluate new cropping systems Evaluate the potential of new and non-traditional crops and varieties for profitable production in Maine Expand and enhance markets Grow new variety Make appropriate cultivar choices Test new crops Test new production techniques Test new varieties Grow trialed plants

**Outcome #1**

**1. Outcome Measures**

Access relevant UMCE publications

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	170	3206

**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
101	Appraisal of Soil Resources
112	Watershed Protection and Management
202	Plant Genetic Resources
502	New and Improved Food Products
205	Plant Management Systems
111	Conservation and Efficient Use of Water
405	Drainage and Irrigation Systems and Facilities
604	Marketing and Distribution Practices
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #2**

**1. Outcome Measures**

Access relevant UMCE web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1740	86972

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems
102	Soil, Plant, Water, Nutrient Relationships
405	Drainage and Irrigation Systems and Facilities
101	Appraisal of Soil Resources
131	Alternative Uses of Land
202	Plant Genetic Resources
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
502	New and Improved Food Products
604	Marketing and Distribution Practices

**Outcome #3**

**1. Outcome Measures**

Demonstrate animal management skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	341

**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

**Outcome #4**

**1. Outcome Measures**

Demonstrate basic business management skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	20

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems
131	Alternative Uses of Land
111	Conservation and Efficient Use of Water
202	Plant Genetic Resources

**Outcome #5****1. Outcome Measures**

Demonstrate how to amend soils

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	169

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
205	Plant Management Systems
405	Drainage and Irrigation Systems and Facilities

**Outcome #6****1. Outcome Measures**

Demonstrate how to apply pesticides safely and effectively

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	75	2228

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
205	Plant Management Systems

**Outcome #7****1. Outcome Measures**

Demonstrate how to develop integrated farming systems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	195	20

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
202	Plant Genetic Resources
101	Appraisal of Soil Resources
102	Soil, Plant, Water, Nutrient Relationships
205	Plant Management Systems
111	Conservation and Efficient Use of Water
131	Alternative Uses of Land

**Outcome #8**

**1. Outcome Measures**

Demonstrate how to diagnose pest problems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1450	522

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
205	Plant Management Systems

**Outcome #9**

**1. Outcome Measures**

Demonstrate how to effectively manage grasslands

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	35	57

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

**Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems
112	Watershed Protection and Management

**Outcome #10****1. Outcome Measures**

Demonstrate how to evaluate the potential of new and non-traditional crops and varieties for profitable production in Maine

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	85

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems
131	Alternative Uses of Land
102	Soil, Plant, Water, Nutrient Relationships
202	Plant Genetic Resources

**Outcome #11****1. Outcome Measures**

Demonstrate how to feed animals with production and economy in mind

**2. Associated Institution Types**

•1862 Extension



**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	80	262

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
102	Soil, Plant, Water, Nutrient Relationships
205	Plant Management Systems

**Outcome #12**

**1. Outcome Measures**

Demonstrate how to grow fruits and vegetables

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	150	406

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
405	Drainage and Irrigation Systems and Facilities
111	Conservation and Efficient Use of Water
205	Plant Management Systems
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #13**

**1. Outcome Measures**

Demonstrate how to operate farm equipment safely

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	41

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
205	Plant Management Systems
405	Drainage and Irrigation Systems and Facilities
112	Watershed Protection and Management

**Outcome #14**

**1. Outcome Measures**

Demonstrate how to test new crops

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	82	2

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems
131	Alternative Uses of Land
202	Plant Genetic Resources
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #15**

**1. Outcome Measures**

Demonstrate how to test new nutrient management strategies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	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
405	Drainage and Irrigation Systems and Facilities
112	Watershed Protection and Management

**Outcome #16**

**1. Outcome Measures**

Demonstrate how to test new production techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	135	12

**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
205	Plant Management Systems
102	Soil, Plant, Water, Nutrient Relationships
202	Plant Genetic Resources
405	Drainage and Irrigation Systems and Facilities

**Outcome #17**

**1. Outcome Measures**

Demonstrate how to test new storage techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	10

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
202	Plant Genetic Resources
205	Plant Management Systems

**Outcome #18**

**1. Outcome Measures**

Demonstrate how to test new varieties

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	85	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
205	Plant Management Systems
502	New and Improved Food Products
202	Plant Genetic Resources

**Outcome #19**

**1. Outcome Measures**

Demonstrate new variety performance and potential

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	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
205	Plant Management Systems
502	New and Improved Food Products

**Outcome #20**

**1. Outcome Measures**

Demonstrate sound agricultural practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	20

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
405	Drainage and Irrigation Systems and Facilities
205	Plant Management Systems
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management

**Outcome #21**

**1. Outcome Measures**

Describe IPM techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1220	130

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #22**

**1. Outcome Measures**

Describe IPM technologies and benefits

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	60	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
205	Plant Management Systems

**Outcome #23**

**1. Outcome Measures**

Describe advantages of alternative crop management strategies

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	25	146

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

**Issue (Who cares and Why)**

**What has been done**

**Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems
131	Alternative Uses of Land

**Outcome #24****1. Outcome Measures**

Describe advantages of new technologies to improve crop yield and quality and to reduce environmental impacts and off-farm inputs

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1900	360

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
205	Plant Management Systems
112	Watershed Protection and Management

**Outcome #25****1. Outcome Measures**

Describe alternative crop management strategies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1600	75

**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
205	Plant Management Systems

**Outcome #26****1. Outcome Measures**

Describe alternative pest manage techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	110	279

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems
112	Watershed Protection and Management

**Outcome #27****1. Outcome Measures**

Describe forages and forage quality

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	136

**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
102	Soil, Plant, Water, Nutrient Relationships
205	Plant Management Systems

**Outcome #28****1. Outcome Measures**

Describe hoop house crop management

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	45	53

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
405	Drainage and Irrigation Systems and Facilities
205	Plant Management Systems
131	Alternative Uses of Land

**Outcome #29**

**1. Outcome Measures**

Describe hoop house crops

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	125	28

**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
205	Plant Management Systems

**Outcome #30**

**1. Outcome Measures**

Describe hoop house technology

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	75	31

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
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205	Plant Management Systems
131	Alternative Uses of Land

**Outcome #31****1. Outcome Measures**

Describe integrated farming systems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	110	52

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
131	Alternative Uses of Land
405	Drainage and Irrigation Systems and Facilities
205	Plant Management Systems

**Outcome #32****1. Outcome Measures**

Describe new crops and varieties

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	350	190

**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>
205	Plant Management Systems
131	Alternative Uses of Land
202	Plant Genetic Resources
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #33****1. Outcome Measures**

Describe nutrient sources, recycling and delivery methods that are compatible with crop, soil and production systems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	175	73

**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>
405	Drainage and Irrigation Systems and Facilities
111	Conservation and Efficient Use of Water
102	Soil, Plant, Water, Nutrient Relationships
205	Plant Management Systems

**Outcome #34****1. Outcome Measures**

Describe practices that improve efficiency, reduce inputs, or increase profitability

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	210	107

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
405	Drainage and Irrigation Systems and Facilities
102	Soil, Plant, Water, Nutrient Relationships
111	Conservation and Efficient Use of Water
205	Plant Management Systems

**Outcome #35**

**1. Outcome Measures**

Describe production practices associate with new crops for the region

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	55	45

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #36**

**1. Outcome Measures**

Describe proper food handling practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	70	318

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
205	Plant Management Systems

**Outcome #37****1. Outcome Measures**

Describe solar heating technology

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	23

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
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205	Plant Management Systems
102	Soil, Plant, Water, Nutrient Relationships
131	Alternative Uses of Land

**Outcome #38**

**1. Outcome Measures**

Describe sound agricultural practices

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	2560	125

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
102	Soil, Plant, Water, Nutrient Relationships
205	Plant Management Systems

**Outcome #39**

**1. Outcome Measures**

Describe the advantages of new technologies to improve crop yield and quality and to reduce environmental impacts

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	220	0

**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>
205	Plant Management Systems
502	New and Improved Food Products

**Outcome #40****1. Outcome Measures**

Describe the benefits of efficiency in irrigation water use

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	90	6

**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>
405	Drainage and Irrigation Systems and Facilities
111	Conservation and Efficient Use of Water

**Outcome #41****1. Outcome Measures**

Describe the benefits of grass-fed livestock

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	130

**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
205	Plant Management Systems

**Outcome #42****1. Outcome Measures**

Describe the inherent instability of monocultures

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	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
205	Plant Management Systems

**Outcome #43****1. Outcome Measures**

Describe the value of networks

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	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
604	Marketing and Distribution Practices
502	New and Improved Food Products

**Outcome #44****1. Outcome Measures**

Describe the value of organic nutrient sources to sustainable cropping systems

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	34

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #45****1. Outcome Measures**

Adopt IPM strategies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	35

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems

**Outcome #46****1. Outcome Measures**

Adopt and maintain integrated pest management strategies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	55	326

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
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**Outcome #47****1. Outcome Measures**

Adopt appropriate handling and storage technologies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	25	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
205	Plant Management Systems
502	New and Improved Food Products

**Outcome #48****1. Outcome Measures**

Adopt appropriate management strategies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	590	995

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #49**

**1. Outcome Measures**

Adopt appropriate pest management practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	90

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems

**Outcome #50**

**1. Outcome Measures**

Enhance the economic and environmental sustainability of Maine agriculture and aquaculture.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
205	Plant Management Systems
202	Plant Genetic Resources
131	Alternative Uses of Land
112	Watershed Protection and Management
101	Appraisal of Soil Resources
111	Conservation and Efficient Use of Water
405	Drainage and Irrigation Systems and Facilities
604	Marketing and Distribution Practices

**Outcome #51**

**1. Outcome Measures**

Adopt appropriate practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	145	1127

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems

**Outcome #52**

**1. Outcome Measures**

Enhance the safety, sustainability, and dependability of Maine's food supply.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
101	Appraisal of Soil Resources
102	Soil, Plant, Water, Nutrient Relationships
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
502	New and Improved Food Products

**Outcome #53**

**1. Outcome Measures**

Adopt appropriate technologies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	270	106

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems
112	Watershed Protection and Management

**Outcome #54**



**1. Outcome Measures**

Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
502	New and Improved Food Products
604	Marketing and Distribution Practices

**Outcome #55**

**1. Outcome Measures**

Adopt environmentally sound technologies that improve economic viability

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	45	280

**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>
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
102	Soil, Plant, Water, Nutrient Relationships
205	Plant Management Systems
405	Drainage and Irrigation Systems and Facilities
131	Alternative Uses of Land

**Outcome #56****1. Outcome Measures**

Protect and enhance Maine's natural resources and environment through sustainable stewardship.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	0	0

**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>
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water
101	Appraisal of Soil Resources
405	Drainage and Irrigation Systems and Facilities

**Outcome #57****1. Outcome Measures**

Adopt new crop

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	60	228

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems

**Outcome #58****1. Outcome Measures**

Adopt practices that maintain long-term productivity

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	975	3389

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
405	Drainage and Irrigation Systems and Facilities
102	Soil, Plant, Water, Nutrient Relationships
205	Plant Management Systems
131	Alternative Uses of Land

**Outcome #59**

**1. Outcome Measures**

Adopt practices that maintain profitability

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	935	659

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
205	Plant Management Systems
202	Plant Genetic Resources

**Outcome #60**

**1. Outcome Measures**

Develop environmentally sound technologies that improve economic viability

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	230	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
101	Appraisal of Soil Resources
131	Alternative Uses of Land
405	Drainage and Irrigation Systems and Facilities
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
502	New and Improved Food Products

**Outcome #61**

**1. Outcome Measures**

Develop sustainable networks

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	80	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
405	Drainage and Irrigation Systems and Facilities
111	Conservation and Efficient Use of Water
101	Appraisal of Soil Resources
112	Watershed Protection and Management
131	Alternative Uses of Land
502	New and Improved Food Products

**Outcome #62**

**1. Outcome Measures**

Enroll in and work with Farms for the Future

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	15	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
502	New and Improved Food Products
604	Marketing and Distribution Practices

**Outcome #63****1. Outcome Measures**

Evaluate and adopt nutrient sources, recycling and delivery systems that produce high quality crops

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	55	2

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
111	Conservation and Efficient Use of Water
405	Drainage and Irrigation Systems and Facilities
205	Plant Management Systems

**Outcome #64**

**1. Outcome Measures**

Evaluate new cropping systems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	10

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
202	Plant Genetic Resources
112	Watershed Protection and Management
102	Soil, Plant, Water, Nutrient Relationships
131	Alternative Uses of Land
405	Drainage and Irrigation Systems and Facilities
111	Conservation and Efficient Use of Water
205	Plant Management Systems

**Outcome #65**

**1. Outcome Measures**

Evaluate the potential of new and non-traditional crops and varieties for profitable production in Maine

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	55	18

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems
131	Alternative Uses of Land
202	Plant Genetic Resources

**Outcome #66**

**1. Outcome Measures**

Expand and enhance markets

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	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
502	New and Improved Food Products
604	Marketing and Distribution Practices

**Outcome #67**

**1. Outcome Measures**

Grow new crop

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	45	14

**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
205	Plant Management Systems
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #68****1. Outcome Measures**

Grow new variety

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	113	82

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
202	Plant Genetic Resources
205	Plant Management Systems

**Outcome #69****1. Outcome Measures**

Improve IPM

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	500	5

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
202	Plant Genetic Resources
205	Plant Management Systems

**Outcome #70****1. Outcome Measures**

Improve crop quality and marketability

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	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
502	New and Improved Food Products
205	Plant Management Systems

**Outcome #71**

**1. Outcome Measures**

Improve production and quality of crops

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	105	86

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
202	Plant Genetic Resources
405	Drainage and Irrigation Systems and Facilities
111	Conservation and Efficient Use of Water
205	Plant Management Systems
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #72****1. Outcome Measures**

Improve soil health

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	52

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
405	Drainage and Irrigation Systems and Facilities
101	Appraisal of Soil Resources
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management

**Outcome #73**

**1. Outcome Measures**

Increase purchase of Maine products

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	100

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems
202	Plant Genetic Resources

**Outcome #74**

**1. Outcome Measures**

Maintain Certified Crop Advisor Certification

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	70	74

**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>
205	Plant Management Systems

**Outcome #75****1. Outcome Measures**

Maintain nutrient management certification

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	60	0

**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>
405	Drainage and Irrigation Systems and Facilities
111	Conservation and Efficient Use of Water
205	Plant Management Systems

**Outcome #76****1. Outcome Measures**

Maintain pesticide applicator certification

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	85	213

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems

**Outcome #77**

**1. Outcome Measures**

Make appropriate cultivar choices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	60	132

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems
102	Soil, Plant, Water, Nutrient Relationships
202	Plant Genetic Resources

**Outcome #78**

**1. Outcome Measures**

Make better decisions regarding pest management

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1215	1548

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
202	Plant Genetic Resources
405	Drainage and Irrigation Systems and Facilities
205	Plant Management Systems

**Outcome #79**

**1. Outcome Measures**

Participate in the Maine grass farmer network

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	110	125

**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
205	Plant Management Systems

**Outcome #80**

**1. Outcome Measures**

Test new crops

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	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
502	New and Improved Food Products

**Outcome #81**

**1. Outcome Measures**

Test new production techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	120	47

**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>
111	Conservation and Efficient Use of Water
205	Plant Management Systems
102	Soil, Plant, Water, Nutrient Relationships
405	Drainage and Irrigation Systems and Facilities

**Outcome #82****1. Outcome Measures**

Test new varieties

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	44	35

**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>
102	Soil, Plant, Water, Nutrient Relationships
205	Plant Management Systems
202	Plant Genetic Resources

**Outcome #83****1. Outcome Measures**

Use relevant UMCE web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	5770	37825

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
112	Watershed Protection and Management
405	Drainage and Irrigation Systems and Facilities
202	Plant Genetic Resources
502	New and Improved Food Products
131	Alternative Uses of Land
101	Appraisal of Soil Resources
604	Marketing and Distribution Practices
111	Conservation and Efficient Use of Water
205	Plant Management Systems

**Outcome #84**

**1. Outcome Measures**

Acquire pesticide applicator certification

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	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
205	Plant Management Systems

**Outcome #85****1. Outcome Measures**

Adopt appropriate nutrient management strategies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	28

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
101	Appraisal of Soil Resources
111	Conservation and Efficient Use of Water
202	Plant Genetic Resources
205	Plant Management Systems

**Outcome #86****1. Outcome Measures**

Complete volunteer commitment

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	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>
205	Plant Management Systems
112	Watershed Protection and Management
131	Alternative Uses of Land

**Outcome #87****1. Outcome Measures**

Compost

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	{No Data Entered}	79

**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>
111	Conservation and Efficient Use of Water
205	Plant Management Systems
112	Watershed Protection and Management
102	Soil, Plant, Water, Nutrient Relationships
101	Appraisal of Soil Resources

**Outcome #88****1. Outcome Measures**

Create jobs

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	79

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
131	Alternative Uses of Land
205	Plant Management Systems

**Outcome #89**

**1. Outcome Measures**

Develop partnerships among organizations or groups

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	4

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water
405	Drainage and Irrigation Systems and Facilities
131	Alternative Uses of Land

**Outcome #90**

**1. Outcome Measures**

Grow trialed plants

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	8

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems
102	Soil, Plant, Water, Nutrient Relationships
202	Plant Genetic Resources

**Outcome #91****1. Outcome Measures**

Increase crop production

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	2

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
405	Drainage and Irrigation Systems and Facilities
205	Plant Management Systems
111	Conservation and Efficient Use of Water
202	Plant Genetic Resources

**Outcome #92**

**1. Outcome Measures**

Manage business to achieve profit

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	120

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
101	Appraisal of Soil Resources
405	Drainage and Irrigation Systems and Facilities
111	Conservation and Efficient Use of Water
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #93**

**1. Outcome Measures**

Operate equipment safely

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	25

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems

**Outcome #94**

**1. Outcome Measures**

Reduce pesticide use

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	2

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
202	Plant Genetic Resources
112	Watershed Protection and Management
205	Plant Management Systems

**Outcome #95**

**1. Outcome Measures**

Use new technologies

**2. Associated Institution Types**

•1862 Extension



**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	671

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
405	Drainage and Irrigation Systems and Facilities
205	Plant Management Systems
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
202	Plant Genetic Resources
131	Alternative Uses of Land

**Outcome #96**

**1. Outcome Measures**

Use pesticides safely

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	96

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management

**Outcome #97**

**1. Outcome Measures**

Describe an improved quality of life

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	31

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
205	Plant Management Systems
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water

**Outcome #98**

**1. Outcome Measures**

Describe plant and animal disorders

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	487

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
202	Plant Genetic Resources
205	Plant Management Systems
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #99****1. Outcome Measures**

Adopt new crop Adopt practices that maintain profitability Develop sustainable networks Evaluate new cropping systems Evaluate the potential of new and non-traditional crops and varieties for profitable production in Maine Expand and enhance markets Grow new crop Improve crop quality and marketability Improve production and quality of crops Increase purchase of Maine products Test new crops Test new production techniques Develop partnerships among organizations or groups Manage business to achieve profit

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	0

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)**

Maine Highlands Farmers Guild: Small-scale farm producers in rural Maine are challenged to access traditional markets, and can benefit through diversification to meet the needs of local markets. Success is enhanced and efficiency realized through collaboration with other producers.

**What has been done**

During the past four years, the UMaine Extension has worked with central Maine farmers in establishing the Maine Highlands Farmers Guild (MHF) to help producers increase and expand the variety and marketability of their products, and establish direct-to-consumer marketing opportunities. During 2007, educational sessions have included regulatory agencies to inform farmers about production of wine and beer, cheese and milk products, jams, jellies and baked goods.

**Results**

Results: At a recent meeting of the MHF, all farmers said that since the Guilds inception they have increased incomes, reduced costs, increased product offerings, and increased sales to consumers. One farmer noted that spring sales revenues doubled when compared to the previous year. Individuals reported increased revenues of up to 60 percent due to their expanded products, direct marketing opportunities, collective buying power, improved understanding of farm management, and collaborative approaches to problem solving. The group has also incorporated a gleaning program in support of regional food banks that has been supported by a grant of \$7,500 from the Maine Community Foundation.

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
604	Marketing and Distribution Practices
502	New and Improved Food Products

**Outcome #100**

**1. Outcome Measures**

Adopt appropriate practices Adopt practices that maintain profitability Expand and enhance markets Develop partnerships among organizations or groups Manage business to achieve profit

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	0

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

**Issue (Who cares and Why)**

Maine Organic Milk Producers: The number of dairy farms in Maine has declined dramatically in the past two decades due to low profitability, development pressure, loss of farmland, and an aging farm population. One pathway to sustainability for new and existing dairy farms has been to transition to selling organic milk, which receives higher and more consistent prices in the marketplace.

**What has been done**

In the late 1990,s, a small group of New England farmers began producing organic milk in an attempt to increase profits and stabilize the market for organic products. In 2003, these farmers came to UMaine Extension for help in forming a more effective group. UMaine Extension helped the group, called the Maine Organic Milk Producers, develop a strategic plan and design a relevant research and education program to meet their needs as organic producers within a new and expanding industry.

**Results**

Maine now leads the country in the percentage of organic dairy farms, with more than 20 percent of dairy operations being certified, and is a national leader in organic dairy systems research. The Maine Organic Milk Producers are innovators and have become research partners with the Universities of Maine and New Hampshire, and the USDA Agricultural Research Service laboratory. Collaboratively, the partnership has been awarded more than \$1.4 million in grants for research, development, and Extension education throughout the Northeast. A cost of production research project was conducted within the partnership and produced data that helped producers negotiate an increase in the prices paid to them, resulting in a nearly 25 percent increase or an average net increase of about \$44,000 per farmer ,— a cumulative impact of \$2.6 million directly to Maine,s organic farming community.

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
502	New and Improved Food Products
604	Marketing and Distribution Practices

**Outcome #101**

**1. Outcome Measures**

Adopt appropriate pest management practices Adopt appropriate practices Adopt appropriate technologies Adopt new crop Adopt practices that maintain profitability Evaluate new cropping systems Evaluate the potential of new and non-traditional crops and varieties for profitable production in Maine Expand and enhance markets Grow new variety Make appropriate cultivar choices Test new crops Test new production techniques Test new varieties Grow trialled plants

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	0

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)**

Prevent Soft Scald Development in Honeycrisp Apples: Honeycrisp is a relatively new apple variety for Maine wholesale growers. It is highly prized by consumers and can bring as much as \$35 per bushel, two to three times that of most varieties. Honeycrisp apples, however, are prone to a storage disorder called soft scald, which quickly makes them unmarketable when stored. The inability to store for post-season marketing minimizes the profit potential for this highly desirable variety.

**What has been done**

UMaine Extension, the Maine Agricultural and Forest Experiment Station, and other Experiment Stations in the United States have participated in collaborative research to test a technique of delayed pre-storage cooling to prevent soft scald development in Honeycrisp apples. Based on results of this research an effective strategy for minimizing soft scald was communicated to Maine commercial apple growers through newsletters, at grower meetings, and during on-site visits to farms.

**Results**

Results: Research has determined that holding fruit at temperatures between 50 and 70 degrees F for a minimum of seven days prevents the development of soft scald. With most Maine growers adopting the new pre-storage cooling techniques in 2007, an estimated 5,000 bushels were stored for wholesale marketing during the fall and winter, generating an additional \$175,000 in revenues. Expanded production of the highly desirable Honeycrisp apples will continue to help growers maximize their profits.

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
502	New and Improved Food Products
205	Plant Management Systems
202	Plant Genetic Resources

**V(H). Planned Program (External Factors)****External factors which affected outcomes**

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

**Brief Explanation****V(I). Planned Program (Evaluation Studies and Data Collection)****1. Evaluation Studies Planned**

- Before-After (before and after program)
- During (during program)

**Evaluation Results**

**Key Items of Evaluation**

**Program #3**

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

**1. Name of the Planned Program**

Coastal and Marine

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

**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
112	Watershed Protection and Management	25%		25%	
134	Outdoor Recreation	15%		15%	
135	Aquatic and Terrestrial Wildlife	13%		13%	
307	Animal Management Systems	12%		12%	
608	Community Resource Planning and Development	35%		35%	
<b>Total</b>		100%		100%	

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	4.4	0.0	0.8	0.0
<b>Actual</b>	3.9	0.0	0.8	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
0	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
33016	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
564238	0	0	0

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

**1. Brief description of the Activity**

•Academic Assessment with the Georges River Case Study •Applied Research in Fisheries and Aquaculture  
 •Assessment of Marine Invasive Species •Beach Profile Monitoring Program •Coastal Access Forums •Cobscook Bay  
 Fishermen's Association •Fisheries Outreach Education •Maine Beaches Conference •Maine Healthy Beaches  
 Consultation •Maine Healthy Beaches Education and Outreach •Maine Healthy Beaches Education and Outreach  
 •Maine Healthy Beaches Field Training •Maine Healthy Beaches Presentations/forum •Maine Healthy Beaches Website  
 •Maine Scallop Advisory Council •Marine Education in Classrooms •Northeast Farmed Fish Health Management  
 Workshop •Washington County Community College Waterfront Management Committee

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

•4-H Community or Project Clubs Participants (Youth) •Agency Staff or Professionals (Adult) •Coastal Land Owners (Adult) •Commercial Fishing Industry Members (Adult) •Commercial Aquaculturalists (Adult) •Commercial Fishing Industry Organization Members (Adult) •Community Leaders (Adult) •Community Members (Adult) •Community Members (Youth) •Extension - all staff (Adult) •General Public (Adult) •General Public (Youth) •Municipal Officials (Adult) •Natural Resource Professional (Adult) •Radio Program Audience (Adult) •Scientists (Adult) •Student (Adult) •Students (Youth) •Teachers (Adult) •Veterinarians (Adult) •Volunteers (Adult) •Working Waterfront Industry Owners (Adult) •Youth (Youth)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	820	50150	30	0
2007	4731	118505	216	302

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

**Patent Applications Submitted**

Year Target  
 Plan: 0  
 2007 : 0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	Extension	Research	Total
Plan			
2007	1	0	0

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

**Output Target**



**Output #1****Output Measure**

- Direct - Applied Research

Year	Target	Actual
2007	2	10

**Output #2****Output Measure**

- Direct - Collaborative or Cooperative Effort

Year	Target	Actual
2007	5	23

**Output #3****Output Measure**

- Direct - Conference or symposium

Year	Target	Actual
2007	1	7

**Output #4****Output Measure**

- Direct - Consultation

Year	Target	Actual
2007	200	530

**Output #5****Output Measure**

- Direct - Experiential Learning

Year	Target	Actual
2007	4	32

**Output #6****Output Measure**

- Direct - Public Presentation

Year	Target	Actual
2007	23	25

**Output #7****Output Measure**

- Direct - Volunteer Training

Year	Target	Actual
2007	60	173

**Output #8****Output Measure**

- Direct - Workshop - single session

Year	Target	Actual
2007	4	53

**Output #9****Output Measure**

- Indirect - Applied Research

Year	Target	Actual
2007	2	13

**Output #10****Output Measure**

- Indirect - Publication - fact sheet

Year	Target	Actual
2007	2	1563

**Output #11****Output Measure**

- Indirect - Website

Year	Target	Actual
2007	2	4386

## V(G). State Defined Outcomes

## V. State Defined Outcomes Table of Content

O No.	OUTCOME NAME
1	Describe fisheries management practices that are environmentally and socially sound and lead to long-term economic viability
2	Describe how to balance ecological, social and economic needs
3	Describe resources available from, and services provided by, natural resource professionals
4	Describe the effects of individual and cumulative decisions and actions on local and global ecosystems
5	Describe the process involved in affecting change in public policy
6	Describe water and land interaction, and related water-quality issues
7	Adopt appropriate practices
8	Adopt practices that maintain long-term productivity
9	Assess community needs
10	Collect information and communicate results
11	Conduct community service or outreach
12	Create and sustain effective partnerships and collaborations
13	Design projects or experiments to answer questions
14	Identify and remediate pollution sources
15	Increase levels of community participation and decision making
16	Make better decision regarding natural resource management
17	Make better decisions using science and technology skills
18	Manage community resources
19	Promote community responsibility and action
20	Promote municipal responsibility and action
21	Promote personal responsibility and action
22	Use relevant UMCE web-based resources
23	Enhance the economic and environmental sustainability of Maine agriculture and aquaculture
24	Enhance the safety, sustainability, and dependability of Maine's food supply.
25	Increase the economic and social viability and sustainability of Maine communities.
26	Protect and enhance Maine's natural resources and environment through sustainable stewardship.
27	Demonstrate how to assess and manage marine resources
28	Demonstrate how to collect and analyze data
29	Demonstrate how to identify invasive species
30	Demonstrate how to keep good records
31	Demonstrate how to locate Extension web-based resources
32	Demonstrate how to locate scientific information
33	Demonstrate how to use science process skills
34	Develop environmentally sound technologies and practices
35	Describe integrated farming system strategies
36	Identify and remedied pollution sources Increase levels of community participation and decision making Promote municipal responsibility and action

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

Describe fisheries management practices that are environmentally and socially sound and lead to long-term economic viability

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	65	248

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
307	Animal Management Systems
608	Community Resource Planning and Development
135	Aquatic and Terrestrial Wildlife

**Outcome #2****1. Outcome Measures**

Describe how to balance ecological, social and economic needs

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	0

**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>
112	Watershed Protection and Management
608	Community Resource Planning and Development
307	Animal Management Systems

**Outcome #3****1. Outcome Measures**

Describe resources available from, and services provided by, natural resource professionals

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	100	412

**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
307	Animal Management Systems

**Outcome #4****1. Outcome Measures**

Describe the effects of individual and cumulative decisions and actions on local and global ecosystems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	50	225

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
307	Animal Management Systems
608	Community Resource Planning and Development

**Outcome #5**

**1. Outcome Measures**

Describe the process involved in affecting change in public policy

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	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

**Outcome #6**

**1. Outcome Measures**

Describe water and land interaction, and related water-quality issues

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	275	923

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
135	Aquatic and Terrestrial Wildlife
608	Community Resource Planning and Development
112	Watershed Protection and Management

**Outcome #7****1. Outcome Measures**

Adopt appropriate practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	150	1127

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
608	Community Resource Planning and Development
134	Outdoor Recreation
307	Animal Management Systems

**Outcome #8**

**1. Outcome Measures**

Adopt practices that maintain long-term productivity

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	60	3389

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
134	Outdoor Recreation
135	Aquatic and Terrestrial Wildlife
307	Animal Management Systems
608	Community Resource Planning and Development

**Outcome #9**

**1. Outcome Measures**

Assess community needs

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	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

**Outcome #10**

**1. Outcome Measures**

Collect information and communicate results

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	278

**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
112	Watershed Protection and Management
135	Aquatic and Terrestrial Wildlife
134	Outdoor Recreation
307	Animal Management Systems

**Outcome #11**

**1. Outcome Measures**

Conduct community service or outreach

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	12	2093

**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>
112	Watershed Protection and Management
135	Aquatic and Terrestrial Wildlife
307	Animal Management Systems
608	Community Resource Planning and Development

**Outcome #12****1. Outcome Measures**

Create and sustain effective partnerships and collaborations

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	20	661

**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>
307	Animal Management Systems
112	Watershed Protection and Management
608	Community Resource Planning and Development
135	Aquatic and Terrestrial Wildlife

**Outcome #13****1. Outcome Measures**

Design projects or experiments to answer questions

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	80

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
307	Animal Management Systems
135	Aquatic and Terrestrial Wildlife
112	Watershed Protection and Management

**Outcome #14**

**1. Outcome Measures**

Identify and remediate pollution sources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	140

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
135	Aquatic and Terrestrial Wildlife
307	Animal Management Systems
112	Watershed Protection and Management

**Outcome #15**

**1. Outcome Measures**

Increase levels of community participation and decision making

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	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

**Outcome #16****1. Outcome Measures**

Make better decision regarding natural resource management

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	15	11

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management

608	Community Resource Planning and Development
135	Aquatic and Terrestrial Wildlife
307	Animal Management Systems
134	Outdoor Recreation

**Outcome #17**

**1. Outcome Measures**

Make better decisions using science and technology skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	80

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
307	Animal Management Systems
134	Outdoor Recreation
135	Aquatic and Terrestrial Wildlife
608	Community Resource Planning and Development

**Outcome #18**

**1. Outcome Measures**

Manage community resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	0

**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

**Outcome #19****1. Outcome Measures**

Promote community responsibility and action

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	20	0

**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

**Outcome #20****1. Outcome Measures**

Promote municipal responsibility and action

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	20	18

**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>
112	Watershed Protection and Management
608	Community Resource Planning and Development
134	Outdoor Recreation

**Outcome #21****1. Outcome Measures**

Promote personal responsibility and action

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	60	122

**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>
307	Animal Management Systems
135	Aquatic and Terrestrial Wildlife
112	Watershed Protection and Management
134	Outdoor Recreation

**Outcome #22****1. Outcome Measures**

Use relevant UMCE web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	37825

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
134	Outdoor Recreation
608	Community Resource Planning and Development
307	Animal Management Systems

**Outcome #23**

**1. Outcome Measures**

Enhance the economic and environmental sustainability of Maine agriculture and aquaculture

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
307	Animal Management Systems
135	Aquatic and Terrestrial Wildlife
112	Watershed Protection and Management
608	Community Resource Planning and Development

**Outcome #24**

**1. Outcome Measures**

Enhance the safety, sustainability, and dependability of Maine's food supply.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
112	Watershed Protection and Management
307	Animal Management Systems
135	Aquatic and Terrestrial Wildlife

**Outcome #25**

**1. Outcome Measures**

Increase the economic and social viability and sustainability of Maine communities.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
112	Watershed Protection and Management
135	Aquatic and Terrestrial Wildlife
608	Community Resource Planning and Development
134	Outdoor Recreation
307	Animal Management Systems

**Outcome #26**

**1. Outcome Measures**

Protect and enhance Maine's natural resources and environment through sustainable stewardship.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
112	Watershed Protection and Management
307	Animal Management Systems
135	Aquatic and Terrestrial Wildlife
134	Outdoor Recreation

**Outcome #27**

**1. Outcome Measures**

Demonstrate how to assess and manage marine resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	180	259

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

**Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
135	Aquatic and Terrestrial Wildlife
307	Animal Management Systems

**Outcome #28****1. Outcome Measures**

Demonstrate how to collect and analyze data

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	241

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
135	Aquatic and Terrestrial Wildlife
307	Animal Management Systems
112	Watershed Protection and Management

**Outcome #29****1. Outcome Measures**

Demonstrate how to identify invasive species

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	29

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
134	Outdoor Recreation
112	Watershed Protection and Management
135	Aquatic and Terrestrial Wildlife

**Outcome #30****1. Outcome Measures**

Demonstrate how to keep good records

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	1103

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
307	Animal Management Systems
112	Watershed Protection and Management
608	Community Resource Planning and Development
135	Aquatic and Terrestrial Wildlife

**Outcome #31**

**1. Outcome Measures**

Demonstrate how to locate Extension web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	178

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
307	Animal Management Systems
608	Community Resource Planning and Development
112	Watershed Protection and Management

**Outcome #32****1. Outcome Measures**

Demonstrate how to locate scientific information

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	245

**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
307	Animal Management Systems
112	Watershed Protection and Management
135	Aquatic and Terrestrial Wildlife

**Outcome #33**

**1. Outcome Measures**

Demonstrate how to use science process skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	385

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
307	Animal Management Systems
135	Aquatic and Terrestrial Wildlife

**Outcome #34**

**1. Outcome Measures**

Develop environmentally sound technologies and practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	12

**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
112	Watershed Protection and Management
134	Outdoor Recreation
307	Animal Management Systems
135	Aquatic and Terrestrial Wildlife

**Outcome #35**

**1. Outcome Measures**

Describe integrated farming system strategies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	12

**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
307	Animal Management Systems
135	Aquatic and Terrestrial Wildlife

**Outcome #36**

**1. Outcome Measures**

Identify and remedied pollution sources Increase levels of community participation and decision making Promote municipal responsibility and action

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	0

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)**

Maine Healthy Beaches Program: Many beaches along the coast of Maine are plagued by elevated levels of Enterococci bacteria, an Environmental Protection Agency (EPA) approved indicator of recreational water quality. Elevated bacteria levels degrade water quality, and may pose a threat to human health, the environment, and local economies that are based largely on tourism.

**What has been done**

UMaine Cooperative Extension and our program partner Maine Sea Grant oversee the Maine Healthy Beaches Program, which partners with state and municipal entities to monitor water quality at public beaches throughout the state using citizen volunteers trained in EPA methodologies. During 2007, Ducktrap Beach, an important state-owned beach near Lincolnville Maine, failed to meet health standards for 10 of 13 weeks. Due to a lack of resources, the state was unable to properly manage the beach.

**Results**

In September 2007, local voters approved a plan to lease Ducktrap Beach from the state and make its management a priority. Based on previous success in working with our program, the town is collaborating with the Maine Healthy Beaches Program and our volunteers to engage in ongoing water sampling and data collection. This effort will help identify the sources of bacterial contamination, correct the problems, and improve overall beach safety so Ducktrap Beach will continue to be an important recreational and economic asset for Lincolnville and Maine. This year 140 pollution sources were identified and remediated through the efforts of Maine Healthy Beaches Program volunteers

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
134	Outdoor Recreation
112	Watershed Protection and Management
608	Community Resource Planning and Development

**V(H). Planned Program (External Factors)****External factors which affected outcomes**

- Government Regulations
- Populations changes (immigration,new cultural groupings,etc.)

**Brief Explanation**

Like other states, the population of coastal Maine has increased. This change has implications for coastal communities and their traditional way of life. The Marine Extension Team has responded by involvement with many partners around the state to focus on access for commercial fishermen, aquaculturists, and recreational users to craft solutions the challenge.

Changing government regulations direct how seafood is produced in the U.S., in the. We have worked with the seafood harvest, farming, and culture industries to respond to regulatory changes with research projects such a development and testing of new trawl nets that allow fishermen to successfully target one species over another.

**V(I). Planned Program (Evaluation Studies and Data Collection)****1. Evaluation Studies Planned**

- Retrospective (post program)
- Before-After (before and after program)
- Time series (multiple points before and after program)

**Evaluation Results**

{No Data Entered}

**Key Items of Evaluation**

{No Data Entered}



**Program #4**

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

**1. Name of the Planned Program**

Entrepreneurship - Small and Home Based Business

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

**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
134	Outdoor Recreation	2%		2%	
504	Home and Commercial Food Service	2%		2%	
602	Business Management, Finance, and Taxation	80%		80%	
604	Marketing and Distribution Practices	7%		7%	
607	Consumer Economics	2%		2%	
608	Community Resource Planning and Development	5%		5%	
801	Individual and Family Resource Management	2%		2%	
	<b>Total</b>	100%		100%	

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	4.8	0.0	0.4	0.0
<b>Actual</b>	3.8	0.0	0.4	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
210545	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
558037	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
20523	0	0	0

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

**1. Brief description of the Activity**

•Consultations - Small and Home Based Business •Entrepreneurship - Small and Home Based Business Public Presentation •Governor's Regional Conferences on Small Business & Entrepreneurship •National Home-Based and Micro Business Design Team •Small and Home Based Business Education Clinic •Small and Home Based Business Workshop Series •Tourism Economic Development: Inter-Organizational Consultation •Tourism Economic Development - Community and Business Modules •Trade Area Analysis Program •Virtual Resource Library

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

- 4-H Special Interest or Short-Term Program Participants (Youth) •Agency Staff or Professionals (Adult)
- Business Assist Organization Staff (Adult) •Business Owners - current (Adult) •Business Owners - potential (Adult)
- County Executive Committee Members (Adult) •Economic Development Organization Staff (Adult)
- Extension - all staff (Adult) •Extension Faculty (Adult) •Small or Home-Based Business Owners - Current (Adult)
- Small or Home-Based Business Owners - Potential (Adult) •Tourism Development Stakeholders (Adult)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	3778	2050	0	0
2007	2804	528	13	4

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

**Patent Applications Submitted**

Year	Target
Plan:	0
2007 :	0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	Extension	Research	Total
Plan			
2007	0	0	0

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

**Output Target**

**Output #1****Output Measure**

- Direct - Conference or symposium

Year	Target	Actual
2007	2	6

**Output #2****Output Measure**

- Direct - Consultation

Year	Target	Actual
2007	300	422

**Output #3****Output Measure**

- Direct - Collaborative or Cooperative Effort

Year	Target	Actual
2007	1	0

**Output #4****Output Measure**

- Direct - Clinic

Year	Target	Actual
2007	28	0

**Output #5****Output Measure**

- Direct - Group Presentation

Year	Target	Actual
2007	13	12

**Output #6****Output Measure**

- Direct - Trade Area Analyses

Year	Target	Actual
2007	5	4

**Output #7****Output Measure**

- Direct - Train-the-Trainer

Year	Target	Actual
2007	1	2

**Output #8****Output Measure**

- Direct - Workshop - series

Year	Target	Actual
2007	8	12

**Output #9****Output Measure**

- Direct - Workshop - single session

Year	Target	Actual
2007	34	65

**Output #10****Output Measure**

- Indirect - Publication

Year	Target	Actual
2007	10	0

**Output #11****Output Measure**

- Indirect - Website

Year	Target	Actual
2007	1	6

**Output #12**

**Output Measure**

- Direct - Public Presentation

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	{No Data Entered}	3

## V(G). State Defined Outcomes

## V. State Defined Outcomes Table of Content

O No.	OUTCOME NAME
1	Access small business information
2	Contact business assist organizations
3	Demonstrate appreciation of diversity
4	Demonstrate effective mentoring or coaching skills
5	Demonstrate group, organizational, or personal leadership activities
6	Demonstrate how to make informed financial decisions
7	Describe an improved quality of life
8	Describe the components of a business plan
9	Describe the components of a customer service plan
10	Describe the components of a marketing plan
11	Describe the components of a profitable price
12	Describe the components of a record-keeping system
13	Understand small business information
14	Adopt business management practices
15	Adopt record-keeping system
16	Conduct educational activities through cooperative or collaborative effort
17	Create a personal support network
18	Design and implement small business conference
19	Develop a business plan
20	Develop a financial plan
21	Develop a marketing plan
22	Develop a pricing strategy
23	Develop customer service plan
24	Develop marketing tools
25	Establish a business
26	Mentor other women in agriculture and natural resources
27	Participate in networking opportunities
28	Start viable alternative enterprises based on sustainable use of natural resources (forest, marine, agriculture)
29	Support and mentor others in leadership roles
30	Use relevant UMCE web-based resources
31	Enhance the economic and environmental sustainability of Maine agriculture and aquaculture.
32	Increase the economic and social viability and sustainability of Maine communities.
33	Create jobs
34	Create sustainable networks
35	Decide not to create non-viable business
36	Develop tourism plan
37	Engage positively in their community
38	Expand a business
39	Increase business revenues
40	Inventory community assets
41	Keep accurate records

42	Retain a business
43	Demonstrate how to complete a community tourism inventory
44	Demonstrate how to create safe spaces
45	Demonstrate leadership skills
46	Expand a business Increase business revenues Participate in networking opportunities Design and implement small business conference Develop a business plan Develop a financial plan Develop a marketing plan Develop a pricing strategy Develop customer service plan Develop marketing tools Establish a business
47	Expand a business Create jobs Expand a business Increase business revenues Participate in networking opportunities Design and implement small business conference Develop a business plan Develop a financial plan Develop a marketing plan Develop a pricing strategy Develop customer service plan Develop marketing tools Establish a business

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

Access small business information

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	715	3505

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service
602	Business Management, Finance, and Taxation

**Outcome #2****1. Outcome Measures**

Contact business assist organizations

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	105	57

**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
602	Business Management, Finance, and Taxation

**Outcome #3**

**1. Outcome Measures**

Demonstrate appreciation of diversity

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	300	537

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
604	Marketing and Distribution Practices
608	Community Resource Planning and Development
134	Outdoor Recreation

**Outcome #4**

**1. Outcome Measures**

Demonstrate effective mentoring or coaching skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1325	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
504	Home and Commercial Food Service
608	Community Resource Planning and Development
602	Business Management, Finance, and Taxation

**Outcome #5**

**1. Outcome Measures**

Demonstrate group, organizational, or personal leadership activities

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	135

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service
602	Business Management, Finance, and Taxation
608	Community Resource Planning and Development
801	Individual and Family Resource Management

**Outcome #6**

**1. Outcome Measures**

Demonstrate how to make informed financial decisions

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	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
602	Business Management, Finance, and Taxation
607	Consumer Economics
504	Home and Commercial Food Service
801	Individual and Family Resource Management

**Outcome #7**

**1. Outcome Measures**

Describe an improved quality of life

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	350	31

**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
801	Individual and Family Resource Management

**Outcome #8**

**1. Outcome Measures**

Describe the components of a business plan

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	145	127

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service
602	Business Management, Finance, and Taxation
608	Community Resource Planning and Development

**Outcome #9****1. Outcome Measures**

Describe the components of a customer service plan

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	23

**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>
602	Business Management, Finance, and Taxation
608	Community Resource Planning and Development
504	Home and Commercial Food Service

**Outcome #10****1. Outcome Measures**

Describe the components of a marketing plan

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	135	70

**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>
602	Business Management, Finance, and Taxation
604	Marketing and Distribution Practices
608	Community Resource Planning and Development

**Outcome #11****1. Outcome Measures**

Describe the components of a profitable price

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	100	45

**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>
602	Business Management, Finance, and Taxation
608	Community Resource Planning and Development
504	Home and Commercial Food Service

**Outcome #12****1. Outcome Measures**

Describe the components of a record-keeping system

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	150	195

**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>
504	Home and Commercial Food Service
602	Business Management, Finance, and Taxation
134	Outdoor Recreation
604	Marketing and Distribution Practices
801	Individual and Family Resource Management
607	Consumer Economics
608	Community Resource Planning and Development

**Outcome #13****1. Outcome Measures**

Understand small business information

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	295	585

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation

**Outcome #14****1. Outcome Measures**

Adopt business management practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	405	92

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service
134	Outdoor Recreation
602	Business Management, Finance, and Taxation

**Outcome #15**

**1. Outcome Measures**

Adopt record-keeping system

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	70	157

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
604	Marketing and Distribution Practices
608	Community Resource Planning and Development
504	Home and Commercial Food Service
801	Individual and Family Resource Management

**Outcome #16**

**1. Outcome Measures**

Conduct educational activities through cooperative or collaborative effort

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	22	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
602	Business Management, Finance, and Taxation
608	Community Resource Planning and Development
607	Consumer Economics
801	Individual and Family Resource Management
604	Marketing and Distribution Practices

**Outcome #17****1. Outcome Measures**

Create a personal support network

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	200	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
602	Business Management, Finance, and Taxation
801	Individual and Family Resource Management

**Outcome #18****1. Outcome Measures**

Design and implement small business conference

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	4	23

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



**Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation

**Outcome #19****1. Outcome Measures**

Develop a business plan

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	105	45

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
504	Home and Commercial Food Service

**Outcome #20****1. Outcome Measures**

Develop a financial plan

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	15

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
134	Outdoor Recreation
504	Home and Commercial Food Service
801	Individual and Family Resource Management
602	Business Management, Finance, and Taxation
608	Community Resource Planning and Development

**Outcome #21****1. Outcome Measures**

Develop a marketing plan

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	35	45

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
604	Marketing and Distribution Practices
602	Business Management, Finance, and Taxation
504	Home and Commercial Food Service

**Outcome #22****1. Outcome Measures**

Develop a pricing strategy

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	20

**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
134	Outdoor Recreation
602	Business Management, Finance, and Taxation
504	Home and Commercial Food Service
604	Marketing and Distribution Practices

**Outcome #23****1. Outcome Measures**

Develop customer service plan

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	5

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done**

## Results

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
504	Home and Commercial Food Service
604	Marketing and Distribution Practices
134	Outdoor Recreation
602	Business Management, Finance, and Taxation

### Outcome #24

#### 1. Outcome Measures

Develop marketing tools

#### 2. Associated Institution Types

•1862 Extension

#### 3a. Outcome Type:

Change in Action Outcome Measure

#### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	55	35

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

Issue (Who cares and Why)

What has been done

## Results

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
134	Outdoor Recreation
602	Business Management, Finance, and Taxation
604	Marketing and Distribution Practices
504	Home and Commercial Food Service

### Outcome #25

#### 1. Outcome Measures

Establish a business

#### 2. Associated Institution Types

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	28	76

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service
134	Outdoor Recreation
602	Business Management, Finance, and Taxation

**Outcome #26****1. Outcome Measures**

Mentor other women in agriculture and natural resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	400	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
504	Home and Commercial Food Service

**Outcome #27**

**1. Outcome Measures**

Participate in networking opportunities

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	750	429

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
604	Marketing and Distribution Practices
608	Community Resource Planning and Development
504	Home and Commercial Food Service

**Outcome #28**

**1. Outcome Measures**

Start viable alternative enterprises based on sustainable use of natural resources (forest, marine, agriculture)

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	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
607	Consumer Economics
608	Community Resource Planning and Development

**Outcome #29**

**1. Outcome Measures**

Support and mentor others in leadership roles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	120

**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
134	Outdoor Recreation
504	Home and Commercial Food Service
602	Business Management, Finance, and Taxation

**Outcome #30**

**1. Outcome Measures**

Use relevant UMCE web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	595	37825

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
504	Home and Commercial Food Service
608	Community Resource Planning and Development
134	Outdoor Recreation
604	Marketing and Distribution Practices
801	Individual and Family Resource Management

**Outcome #31**

**1. Outcome Measures**

Enhance the economic and environmental sustainability of Maine agriculture and aquaculture.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
134	Outdoor Recreation
607	Consumer Economics

**Outcome #32**

**1. Outcome Measures**

Increase the economic and social viability and sustainability of Maine communities.

**2. Associated Institution Types**

•1862 Extension



**3a. Outcome Type:**  
Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
134	Outdoor Recreation
607	Consumer Economics
608	Community Resource Planning and Development

**Outcome #33**

**1. Outcome Measures**

Create jobs

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	79

**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
607	Consumer Economics

**Outcome #34**

**1. Outcome Measures**

Create sustainable networks

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	2

**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
134	Outdoor Recreation
608	Community Resource Planning and Development
504	Home and Commercial Food Service
801	Individual and Family Resource Management
604	Marketing and Distribution Practices
602	Business Management, Finance, and Taxation

**Outcome #35**

**1. Outcome Measures**

Decide not to create non-viable business

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	11

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service
602	Business Management, Finance, and Taxation

**Outcome #36**

**1. Outcome Measures**

Develop tourism plan

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	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
604	Marketing and Distribution Practices
134	Outdoor Recreation
602	Business Management, Finance, and Taxation

**Outcome #37**

**1. Outcome Measures**

Engage positively in their community

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	401

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
801	Individual and Family Resource Management
608	Community Resource Planning and Development

**Outcome #38**

**1. Outcome Measures**

Expand a business

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	28

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
134	Outdoor Recreation
504	Home and Commercial Food Service
602	Business Management, Finance, and Taxation

**Outcome #39**

**1. Outcome Measures**

Increase business revenues

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	36

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service
602	Business Management, Finance, and Taxation
607	Consumer Economics
604	Marketing and Distribution Practices

**Outcome #40**

**1. Outcome Measures**

Inventory community assets

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	13

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
604	Marketing and Distribution Practices
801	Individual and Family Resource Management
608	Community Resource Planning and Development
504	Home and Commercial Food Service

**Outcome #41**

**1. Outcome Measures**

Keep accurate records

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	15

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
604	Marketing and Distribution Practices
602	Business Management, Finance, and Taxation
504	Home and Commercial Food Service
608	Community Resource Planning and Development
801	Individual and Family Resource Management

**Outcome #42**

**1. Outcome Measures**

Retain a business

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	27

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

**Issue (Who cares and Why)**

**What has been done**

**Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
504	Home and Commercial Food Service

**Outcome #43****1. Outcome Measures**

Demonstrate how to complete a community tourism inventory

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	57

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

**Issue (Who cares and Why)**

**What has been done**

**Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
134	Outdoor Recreation

**Outcome #44****1. Outcome Measures**

Demonstrate how to create safe spaces

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	76

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
608	Community Resource Planning and Development
134	Outdoor Recreation

**Outcome #45**

**1. Outcome Measures**

Demonstrate leadership skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	1814

**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
602	Business Management, Finance, and Taxation

**Outcome #46**

**1. Outcome Measures**

Expand a business Increase business revenues Participate in networking opportunities Design and implement small business conference Develop a business plan Develop a financial plan Develop a marketing plan Develop a pricing strategy Develop customer service plan Develop marketing tools Establish a business

**2. Associated Institution Types**

•1862 Extension



**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	0

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

**Issue (Who cares and Why)**

Washington County Business Conference: Washington County is the most economically depressed region in Maine and has the highest poverty rate in the state (17.4 percent in 2007). Business skills, networking, and access to resources can help new and existing businesses survive in a challenging economic region.

**What has been done**

For the past five years, the UMaine Extension has provided leadership in organizing the Washington County Business Conference and Marketplace in partnership with business-assist organizations, the Washington County Community College, municipal government, and business owners. Approximately 250 people attend the two-day conference each year and participate in workshops designed to improve their business management skills and increase their potential for success.

**Results**

Results: Survey results indicate that since 2003 the Washington County Business Conference and Marketplace has been successful in spurring business development in one of the most economically depressed regions of the state.

- 27 entrepreneurs started or expanded their business.
- 20 businesses increased their sales volume or profit levels.
- 22 entrepreneurs improved the efficiency of their business.
- 30 entrepreneurs improved their business decision-making.

When asked to place a value on the knowledge and skills acquired from attending the conference, 14 percent of the respondents indicated a value of more than \$3,000, 30 percent more than \$1,500, and an average value of \$1,295 for all. This translates to a potential value of over \$1.6 million in value to the local business economy.

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
604	Marketing and Distribution Practices

**Outcome #47**

**1. Outcome Measures**

Expand a business Create jobs Expand a business Increase business revenues Participate in networking opportunities Design and implement small business conference Develop a business plan Develop a financial plan Develop a marketing plan Develop a pricing strategy Develop customer service plan Develop marketing tools Establish a business

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	0

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

**Issue (Who cares and Why)**

Business Education Workshops: Small businesses are an important sector of Maines economy, and approximately 25 percent of new small businesses in Maine are home-based. Business and financial planning and management skills, computer skills, product and value-added development, and marketing skills are essential to the success of new and established small businesses.

**What has been done**

Each year we offer approximately 65 small business clinics for Maine entrepreneurs. In 2002, a Hancock County couple attended business workshops sponsored by the UMaine Extension, and worked with us to develop a business plan for launching a new specialty snack food business. In 2003, they started their home-based business specializing in the production and marketing of a snack mix using Maine blueberries and cranberries in packaging with maps highlighting trails in Acadia National Park.

**Results**

Results: The business was so successful that within two years their products were being carried by major purveyors of outdoor focused goods including international retailers Eastern Mountain Sports, and L.L. Bean. The company quickly outgrew its home-based production site and is currently planning its second expansion in Maine. They have recently received international attention at the Summer Fancy Food Show in New York City and, with the help of Extension and others at the University of Maine have received one of four development grants from the Maine Technology Institute for their unique process of drying wild blueberries and cranberries. The \$250,000 grant will fund test production and help these Hancock County entrepreneurs increase production, employment, and profitability. They currently employ four full-time employees and will be adding more staff with the new production facility.

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
604	Marketing and Distribution Practices

**V(H). Planned Program (External Factors)****External factors which affected outcomes**

- Economy
- Public Policy changes
- Government Regulations
- Competing Programmatic Challenges

**Brief Explanation**

No specific external factor were identified.

**V(I). Planned Program (Evaluation Studies and Data Collection)****1. Evaluation Studies Planned**

- After Only (post program)

**Evaluation Results**

{No Data Entered}

**Key Items of Evaluation**

{No Data Entered}

**Program #5**

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

**1. Name of the Planned Program**

Agriculture - Sustainable Business Management

**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	60%		60%	
602	Business Management, Finance, and Taxation	40%		40%	
<b>Total</b>		100%		100%	

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	3.6	0.0	0.0	0.0
<b>Actual</b>	2.2	0.0	0.2	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
38072	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
139835	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
197703	0	0	0

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

**1. Brief description of the Activity**

•Consultations - Agriculture Business Management •Cost of Production Dairy Farms and Forage Crops •Crop Insurance Education - AV Resource •Crop Insurance Education - Conference •Crop Insurance Education - Display (Direct) •Crop Insurance Education - Public Presentation •Crop Insurance Education - Publication •Crop Insurance Education - Radio Program •Crop Insurance Education - Television Segment •Crop Insurance Education - Website •Developing And Implementing An Estate Plan To Preserve Wealth •Farms for the Future •Meetings on Agriculture Business Management •Piscataquis Farming Newsletter

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

•Agency Staff or Professionals (Adult) •Agricultural Producers (Adult) •Commercial Dairy Producers (Adult) •Commercial Vegetable Growers (Adult)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	<b>Direct Contacts Adults</b>	<b>Indirect Contacts Adults</b>	<b>Direct Contacts Youth</b>	<b>Indirect Contacts Youth</b>
<b>Year</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>
<b>Plan</b>	2258	89895	0	0
2007	1934	45640	0	0

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

**Patent Applications Submitted**

<b>Year</b>	<b>Target</b>
<b>Plan:</b>	0
2007 :	0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	<b>Extension</b>	<b>Research</b>	<b>Total</b>
<b>Plan</b>			
2007	0	0	0

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

**Output Target**

**Output #1**

**Output Measure**

- Direct - Collaborative or Cooperative Effort

Year	Target	Actual
2007	4	3

**Output #2**

**Output Measure**

- Direct - Conference or symposium

Year	Target	Actual
2007	41	331

**Output #3**

**Output Measure**

- Direct - Consultation

Year	Target	Actual
2007	50	22

**Output #4**

**Output Measure**

- Direct - Display or exhibit

Year	Target	Actual
2007	8	331

**Output #5**

**Output Measure**

- Direct - Group Presentation

Year	Target	Actual
2007	1	6

**Output #6**

**Output Measure**

- Direct - Public Presentation

Year	Target	Actual
2007	12	336

**Output #7**

**Output Measure**

- Direct - Train-the-Trainer

Year	Target	Actual
2007	4	0

**Output #8**

**Output Measure**

- Direct - Workshop - single session

Year	Target	Actual
2007	2	25

**Output #9**

**Output Measure**

- Indirect - AV resource

Year	Target	Actual
2007	0	400

**Output #10**

**Output Measure**

- Indirect - Applied Research

Year	Target	Actual
2007	1	13

**Output #11**

**Output Measure**

- Indirect - Display or Exhibit

Year	Target	Actual
2007	8	0

**Output #12****Output Measure**

- Indirect - Publication

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	28	5

**Output #13****Output Measure**

- Indirect - Publication - newsletter

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	12	8

**Output #14****Output Measure**

- Indirect - Radio Program

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	2	1

**Output #15****Output Measure**

- Indirect - Television Segment

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	4	2

**Output #16****Output Measure**

- Indirect - Website

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	45

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O No.	OUTCOME NAME
1	Demonstrate advanced business management skills
2	Demonstrate basic business management skills
3	Demonstrate how to analyze records for decision making
4	Demonstrate production recordkeeping
5	Describe record keeping and record keeping systems
6	Describe the components of an estate plan
7	Adopt appropriate management strategies
8	Develop a business plan
9	Develop a financial plan
10	Develop an estate plan for business enterprise
11	Enroll in and work with Farms for the Future
12	Keep accurate records
13	Make better decisions using accurate records
14	Manage business to achieve profit
15	Secure financing
16	Use relevant UMCE web-based resources
17	Enhance the economic and environmental sustainability of Maine agriculture and aquaculture.
18	Enhance the safety, sustainability, and dependability of Maine's food supply.
19	Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness.
20	Adopt business management practices
21	Adopt environmentally sound technologies that improve economic viability
22	Adopt practices that maintain long-term productivity
23	Adopt practice that maintain profitability
24	Create Jobs
25	Decide not to create non-viable business
26	Establish a business
27	Increase business revenues
28	Providing learning opportunities for groups or organizations
29	Describe an improved quality of life
30	Demonstrate sound agricultural practices

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

Demonstrate advanced business management skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	2	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
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #2****1. Outcome Measures**

Demonstrate basic business management skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	20

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**



**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #3**

**1. Outcome Measures**

Demonstrate how to analyze records for decision making

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	45	37

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
601	Economics of Agricultural Production and Farm Management
602	Business Management, Finance, and Taxation

**Outcome #4**

**1. Outcome Measures**

Demonstrate production recordkeeping

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	92

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #5**

**1. Outcome Measures**

Describe record keeping and record keeping systems

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	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
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #6**

**1. Outcome Measures**

Describe the components of an estate plan

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	15	28

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
601	Economics of Agricultural Production and Farm Management
602	Business Management, Finance, and Taxation

**Outcome #7****1. Outcome Measures**

Adopt appropriate management strategies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	25	995

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
601	Economics of Agricultural Production and Farm Management
602	Business Management, Finance, and Taxation

**Outcome #8**

**1. Outcome Measures**

Develop a business plan

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	15	45

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #9**

**1. Outcome Measures**

Develop a financial plan

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	225	15

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
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602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #10****1. Outcome Measures**

Develop an estate plan for business enterprise

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	5

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
601	Economics of Agricultural Production and Farm Management
602	Business Management, Finance, and Taxation

**Outcome #11****1. Outcome Measures**

Enroll in and work with Farms for the Future

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	15	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
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #12**

**1. Outcome Measures**

Keep accurate records

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	55	15

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
601	Economics of Agricultural Production and Farm Management
602	Business Management, Finance, and Taxation

**Outcome #13**

**1. Outcome Measures**

Make better decisions using accurate records

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	45	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
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #14**

**1. Outcome Measures**

Manage business to achieve profit

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	120

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #15**

**1. Outcome Measures**

Secure financing

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	25	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
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #16**

**1. Outcome Measures**

Use relevant UMCE web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	325	37825

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
601	Economics of Agricultural Production and Farm Management
602	Business Management, Finance, and Taxation

**Outcome #17**



**1. Outcome Measures**

Enhance the economic and environmental sustainability of Maine agriculture and aquaculture.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
601	Economics of Agricultural Production and Farm Management
602	Business Management, Finance, and Taxation

**Outcome #18**

**1. Outcome Measures**

Enhance the safety, sustainability, and dependability of Maine's food supply.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #19**

**1. Outcome Measures**

Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness.

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
601	Economics of Agricultural Production and Farm Management
602	Business Management, Finance, and Taxation

**Outcome #20**

**1. Outcome Measures**

Adopt business management practices

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	92

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
601	Economics of Agricultural Production and Farm Management
602	Business Management, Finance, and Taxation

**Outcome #21**

**1. Outcome Measures**

Adopt environmentally sound technologies that improve economic viability

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	280

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #22**

**1. Outcome Measures**

Adopt practices that maintain long-term productivity

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	3389

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
601	Economics of Agricultural Production and Farm Management
602	Business Management, Finance, and Taxation

**Outcome #23****1. Outcome Measures**

Adopt practice that maintain profitability

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	659

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #24**

**1. Outcome Measures**

Create Jobs

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	79

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
601	Economics of Agricultural Production and Farm Management

**Outcome #25**

**1. Outcome Measures**

Decide not to create non-viable business

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	11

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
601	Economics of Agricultural Production and Farm Management

**Outcome #26****1. Outcome Measures**

Establish a business

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	76

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #27****1. Outcome Measures**

Increase business revenues

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	36

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
601	Economics of Agricultural Production and Farm Management
602	Business Management, Finance, and Taxation

**Outcome #28**

**1. Outcome Measures**

Providing learning opportunities for groups or organizations

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	63

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
601	Economics of Agricultural Production and Farm Management
602	Business Management, Finance, and Taxation

**Outcome #29**

**1. Outcome Measures**

Describe an improved quality of life

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	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
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #30****1. Outcome Measures**

Demonstrate sound agricultural practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	20

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

**Issue (Who cares and Why)**

**What has been done**

**Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
601	Economics of Agricultural Production and Farm Management

**V(H). Planned Program (External Factors)****External factors which affected outcomes**

- Economy
- Government Regulations

**Brief Explanation**

During 2007 the shrinking economy in Maine created a sharp reduction in state revenues, and along with increased energy costs, initiate a spectrum of woes for consumers and small business operators, including farmers. Regulatory changes caused organic operators to reconsider their proximity to genetically modified crops and crops treated with non-organic and pesticides and fertilizers.

**V(I). Planned Program (Evaluation Studies and Data Collection)****1. Evaluation Studies Planned**



- Retrospective (post program)
- Before-After (before and after program)
- During (during program)
- Time series (multiple points before and after program)

### **Evaluation Results**

#### **Key Items of Evaluation**

**Program #6**

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

**1. Name of the Planned Program**

Community Development: Capacity-building Skills

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

**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
608	Community Resource Planning and Development	10%		10%	
802	Human Development and Family Well-Being	35%		35%	
803	Sociological and Technological Change Affecting Individuals, Families and Communities	45%		45%	
805	Community Institutions, Health, and Social Services	5%		5%	
901	Program and Project Design, and Statistics	5%		5%	
	<b>Total</b>	100%		100%	

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	2.0	0.0	0.4	0.0
<b>Actual</b>	2.9	0.0	0.1	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
185505	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
530140	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**

•Applied Research Project Outcome:The Direct - Applied Research component of this applied research project is to develop, test, and modify a training and technical assistance product, consisting of tools, methods, and activities that will 1) bring people from the area's faith community together to look at the needs of local seniors and elder caregivers and 2) develop an action plan to address unmet senior and elder caregiver needs. •Applied Research Project Outcome:The Indirect - Applied Research component of this applied research project is to develop, test, and modify a training and technical assistance product, consisting of tools, methods, and activities that will 1) bring people from the area's faith community together to look at the needs of local seniors and elder caregivers and 2) develop an action plan to address unmet senior and elder caregiver needs. •Community Capacity Building and Leadership. •Community Coaching •Community Wellness Coalition •Maine Solutions Projects •Organizational Development with Community Groups and Organizations •Strengthening Facilitation Skills •Strengthening Facilitation Skills Workshop •York County Executive Committee

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

- 4-H Members (Youth) •4-H Volunteers (Adult) •4-H Volunteers (Youth) •Agency Staff or Professionals (Adult)
- Agricultural Producers (Adult) •Agricultural Workers (Adult) •Blueberry Growers (Adult) •Business Owners - current (Adult)
- Coalition Members (Adult) •Community Leaders (Adult) •Community Leaders (Youth)
- Community Members (Adult) •Community Members (Youth) •Community Organization Members or Staff (Adult)
- County Executive Committee Members (Adult) •Extension - all staff (Adult) •Extension Faculty (Adult)
- Extension Professionals (Adult) •Extension Support Staff (Adult) •Human Resource Managers (Adult)
- Policy Makers (Adult) •Students (Youth) •Teachers (Adult) •Youth Educators (Adult)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	10596	200	0	100
2007	1451	131	93	0

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

**Patent Applications Submitted**

Year	Target
Plan:	0
2007 :	0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	Extension	Research	Total
Plan			
2007	0	0	0

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

**Output Target**

**Output #1****Output Measure**

- Direct - Applied Research

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	0	4

**Output #2****Output Measure**

- Direct - Collaborative or Cooperative Effort

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	20	13

**Output #3****Output Measure**

- Direct - Consultation

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	25	16

**Output #4****Output Measure**

- Direct - Experiential Learning

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	6	37

**Output #5****Output Measure**

- Direct - Train-the-Trainer

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	2	42

**Output #6****Output Measure**

- Direct - Volunteer Training

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	6	5

**Output #7****Output Measure**

- Direct - Workshop - series

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	4	2

**Output #8****Output Measure**

- Direct - Workshop - single session

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	5	157

**Output #9****Output Measure**

- Indirect - Applied Research

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	0	3

**Output #10****Output Measure**

- Indirect - Website

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	5	0

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O No.	OUTCOME NAME
1	Demonstrate advanced facilitation skills
2	Demonstrate basic facilitation skills
3	Demonstrate effective collaboration skills and techniques
4	Demonstrate effective practices in leadership roles
5	Demonstrate effective strategies for meeting needs
6	Demonstrate leadership skills
7	Demonstrate strategies to mobilize community resources
8	Demonstrate the effective use of action and results planning techniques
9	Describe effective mentoring and coaching techniques
10	Describe the components of an effective meeting
11	Describe the elements of effective group work
12	Describe the stages of group development
13	Facilitate community discussions
14	Provide learning opportunities for groups or organizations
15	Take leadership role
16	Teach others to take leadership and facilitation roles
17	Increase the economic and social viability and sustainability of Maine communities.
18	Be a mentor to other community organizations or groups
19	Conduct community service or outreach
20	Create and sustain effective partnerships and collaborations
21	Develop a shared vision for the future
22	Develop partnerships among organizations or groups
23	Engage in Leadership development
24	Engage positively in their community
25	Increase volunteerism
26	Participate in leadership roles
27	Use a collaborative process or approach
28	Demonstrate effective relationship skills
29	Demonstrate group process skills
30	Demonstrate how to evaluate the effectiveness of existing policies or practices
31	Demonstrate how to identify and access existing policies or practices
32	Demonstrate strategies to create a preferred community future
33	Describe organizational development processes and stages
34	Describe process for assessing organizational and community needs
35	Describe organizational development processes and stages Describe process for assessing organizational and community needs Facilitate community discussions Provide learning opportunities for groups or organizations Take leadership role Teach others to take leadership and facilitation roles

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

Demonstrate advanced facilitation skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	35	120

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
901	Program and Project Design, and Statistics
608	Community Resource Planning and Development
805	Community Institutions, Health, and Social Services

**Outcome #2****1. Outcome Measures**

Demonstrate basic facilitation skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	95	60

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services
608	Community Resource Planning and Development
901	Program and Project Design, and Statistics

**Outcome #3**

**1. Outcome Measures**

Demonstrate effective collaboration skills and techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	15	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
805	Community Institutions, Health, and Social Services
901	Program and Project Design, and Statistics
608	Community Resource Planning and Development

**Outcome #4**

**1. Outcome Measures**

Demonstrate effective practices in leadership roles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	72

**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>
901	Program and Project Design, and Statistics
805	Community Institutions, Health, and Social Services
608	Community Resource Planning and Development

**Outcome #5**

**1. Outcome Measures**

Demonstrate effective strategies for meeting needs

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	20	40

**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>
901	Program and Project Design, and Statistics
608	Community Resource Planning and Development
805	Community Institutions, Health, and Social Services

**Outcome #6**

**1. Outcome Measures**

Demonstrate leadership skills

**2. Associated Institution Types**

•1862 Extension



**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	128	1814

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
901	Program and Project Design, and Statistics
608	Community Resource Planning and Development
805	Community Institutions, Health, and Social Services

**Outcome #7**

**1. Outcome Measures**

Demonstrate strategies to mobilize community resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	25

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
901	Program and Project Design, and Statistics
805	Community Institutions, Health, and Social Services
608	Community Resource Planning and Development

**Outcome #8**

**1. Outcome Measures**

Demonstrate the effective use of action and results planning techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	14	15

**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

**Outcome #9**

**1. Outcome Measures**

Describe effective mentoring and coaching techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	25	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
805	Community Institutions, Health, and Social Services

608 802	Community Resource Planning and Development Human Development and Family Well-Being
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**Outcome #10****1. Outcome Measures**

Describe the components of an effective meeting

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	95	33

**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
901	Program and Project Design, and Statistics

**Outcome #11****1. Outcome Measures**

Describe the elements of effective group work

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	75	66

**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>
901	Program and Project Design, and Statistics
608	Community Resource Planning and Development
805	Community Institutions, Health, and Social Services

**Outcome #12**

**1. Outcome Measures**

Describe the stages of group development

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	20	10

**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>
901	Program and Project Design, and Statistics
608	Community Resource Planning and Development
805	Community Institutions, Health, and Social Services

**Outcome #13**

**1. Outcome Measures**

Facilitate community discussions

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	72	15

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
901	Program and Project Design, and Statistics
805	Community Institutions, Health, and Social Services
608	Community Resource Planning and Development

**Outcome #14**

**1. Outcome Measures**

Provide learning opportunities for groups or organizations

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	120	63

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services
802	Human Development and Family Well-Being
608	Community Resource Planning and Development

**Outcome #15**

**1. Outcome Measures**

Take leadership role

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	75	2051

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #16**

**1. Outcome Measures**

Teach others to take leadership and facilitation roles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	158

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #17**

**1. Outcome Measures**

Increase the economic and social viability and sustainability of Maine communities.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
805	Community Institutions, Health, and Social Services
608	Community Resource Planning and Development

**Outcome #18****1. Outcome Measures**

Be a mentor to other community organizations or groups

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	60

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services
608	Community Resource Planning and Development
901	Program and Project Design, and Statistics

**Outcome #19**

**1. Outcome Measures**

Conduct community service or outreach

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	2093

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
901	Program and Project Design, and Statistics
608	Community Resource Planning and Development
805	Community Institutions, Health, and Social Services

**Outcome #20**

**1. Outcome Measures**

Create and sustain effective partnerships and collaborations

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	661

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

**Issue (Who cares and Why)**



**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services
802	Human Development and Family Well-Being
608	Community Resource Planning and Development
901	Program and Project Design, and Statistics
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #21**

**1. Outcome Measures**

Develop a shared vision for the future

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	77

**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
608	Community Resource Planning and Development
805	Community Institutions, Health, and Social Services
803	Sociological and Technological Change Affecting Individuals, Families and Communities
901	Program and Project Design, and Statistics

**Outcome #22**

**1. Outcome Measures**

Develop partnerships among organizations or groups

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	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

**Outcome #23**

**1. Outcome Measures**  
Engage in Leadership development

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	153

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
901	Program and Project Design, and Statistics
805	Community Institutions, Health, and Social Services
608	Community Resource Planning and Development

**Outcome #24**

**1. Outcome Measures**

Engage positively in their community

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	401

**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

**Outcome #25**

**1. Outcome Measures**

Increase volunteerism

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	10

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #26**

**1. Outcome Measures**

Participate in leadership roles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	630

**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
901	Program and Project Design, and Statistics
805	Community Institutions, Health, and Social Services
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #27**

**1. Outcome Measures**

Use a collaborative process or approach

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	43

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services
901	Program and Project Design, and Statistics
608	Community Resource Planning and Development

**Outcome #28**

**1. Outcome Measures**

Demonstrate effective relationship skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	301

**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
608	Community Resource Planning and Development
805	Community Institutions, Health, and Social Services

**Outcome #29**

**1. Outcome Measures**

Demonstrate group process skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	32

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services
901	Program and Project Design, and Statistics
608	Community Resource Planning and Development

**Outcome #30**

**1. Outcome Measures**

Demonstrate how to evaluate the effectiveness of existing policies or practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	12

**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
901	Program and Project Design, and Statistics
805	Community Institutions, Health, and Social Services

**Outcome #31**

**1. Outcome Measures**

Demonstrate how to identify and access existing policies or practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	11

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
901	Program and Project Design, and Statistics
805	Community Institutions, Health, and Social Services
608	Community Resource Planning and Development
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #32**

**1. Outcome Measures**

Demonstrate strategies to create a preferred community future

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	25

**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

**Outcome #33**

**1. Outcome Measures**

Describe organizational development processes and stages

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	25

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services
608	Community Resource Planning and Development
901	Program and Project Design, and Statistics

**Outcome #34**

**1. Outcome Measures**

Describe process for assessing organizational and community needs

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	23

**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
901	Program and Project Design, and Statistics

**Outcome #35****1. Outcome Measures**

Describe organizational development processes and stages Describe process for assessing organizational and community needs Facilitate community discussions Provide learning opportunities for groups or organizations Take leadership role Teach others to take leadership and facilitation roles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	0

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)**

Facilitation Skills Building: Staff members and citizen volunteers from organizations, institutions, the public, and governmental agencies often interact collaboratively in groups. These individuals need to develop and strengthen their skills as group facilitators in public and private settings to enhance communication and success, and to effectively meet collective goals.

**What has been done**

UMaine Extension offers multi-day workshops to teach people how to plan and facilitate productive meetings, and how to contribute to an effective group process as a member. In 2007, this Facilitation Skills Building workshop series led to the creation of a published, peer-reviewed curriculum with visual aids, handouts, and lesson materials to support specific activities.

**Results**

In August 2007, 40 Extension and agency professionals from 11 states participated in a national train-the-trainer Facilitation Skill Building conference held in Maine. At the end of the conference, participants identified specific action steps they would take as a result of the conference, including:

- assessing the needs of the community or agency staff to determine the interest in deepening facilitation skills,
- meeting with agency leadership to create awareness about this resource to train citizens in facilitation skills,
- reviewing and adapting the curriculum to fit the needs of their agency or community,
- developing plans to train internal staff in facilitation skills,
- conducting a citizen-focused facilitation skills training in the community, and
- practicing and applying newly acquired facilitation skills in groups.

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services
901	Program and Project Design, and Statistics
608	Community Resource Planning and Development

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

**External factors which affected outcomes**

- Natural Disasters (drought,weather extremes,etc.)
- Economy
- Public Policy changes
- Government Regulations
- Competing Programmatic Challenges

**Brief Explanation**

{No Data Entered}

**V(I). Planned Program (Evaluation Studies and Data Collection)**

**1. Evaluation Studies Planned**

- Before-After (before and after program)

**Evaluation Results**

{No Data Entered}

**Key Items of Evaluation**

{No Data Entered}

**Program #7**

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

**1. Name of the Planned Program**

Environmental Education - Sustainable Living

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

**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
111	Conservation and Efficient Use of Water	10%		10%	
112	Watershed Protection and Management	10%		10%	
123	Management and Sustainability of Forest Resources	10%		10%	
134	Outdoor Recreation	10%		10%	
135	Aquatic and Terrestrial Wildlife	5%		5%	
136	Conservation of Biological Diversity	5%		5%	
403	Waste Disposal, Recycling, and Reuse	15%		15%	
703	Nutrition Education and Behavior	5%		5%	
724	Healthy Lifestyle	15%		15%	
801	Individual and Family Resource Management	15%		15%	
<b>Total</b>		<b>100%</b>		<b>100%</b>	

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	3.3	0.0	0.1	0.0
<b>Actual</b>	3.6	0.0	0.1	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
57928	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
448160	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
56929	0	0	0

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

**1. Brief description of the Activity**

•4-H Day School Programs at Camp •4-H Earth Connections - Conducted on School Grounds •4-H Earth Connections - Overnight School Programs •4-H Earth Connections Summer Residential Camp •Earth Connections Demonstrations at Tanglewood and Blueberry Cove Camps •EE-SL programs and activities •Environmental Education - Sustainable Living Related Publications (refereed journal article) •Geographic Information Systems Community Mapping Project for Schools •Tanglewood Board of Directors •Tanglewood Day Camp •Tanglewood Discovery Trips •Vaughn Island 4-H Camp

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

•4-H Special Interest or Short-Term Program Participants (Youth) •Community Members (Youth) •Community Organization Members or Staff (Adult) •Extension - all staff (Adult) •General Public (Adult) •School Enrichment Program Participants (Youth) •Youth (Youth)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	705	250	4566	0
2007	106	0	2823	0

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

**Patent Applications Submitted**

Year	Target
Plan:	0
2007 :	0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	Extension	Research	Total
Plan			
2007	1	0	0

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

**Output Target**

**Output #1****Output Measure**

- Direct - Volunteer Training

Year	Target	Actual
2007	4	0

**Output #2****Output Measure**

- Direct - Train-the-Trainer

Year	Target	Actual
2007	1	0

**Output #3****Output Measure**

- Direct - 4-H Overnight Camp

Year	Target	Actual
2007	35	34

**Output #4****Output Measure**

- Direct - 4-H Day Camp

Year	Target	Actual
2007	71	45

**Output #5****Output Measure**

- Direct - Public Presentation

Year	Target	Actual
2007	10	0

**Output #6****Output Measure**

- Direct - Demonstration Project

Year	Target	Actual
2007	25	6

**Output #7****Output Measure**

- Direct - Management teams

Year	Target	Actual
2007	15	25

**Output #8****Output Measure**

- Direct - 4-H School Enrichment

Year	Target	Actual
2007	15	21

**Output #9****Output Measure**

- Direct - Applied Research

Year	Target	Actual
2007	1	0

**Output #10****Output Measure**

- Direct - Collaborative or Cooperative Effort

Year	Target	Actual
2007	10	7

**Output #11****Output Measure**

- Indirect - Website

Year	Target	Actual
2007	1	0

**Output #12****Output Measure**

- Indirect - Publication - refereed journal article

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	{No Data Entered}	1

## V(G). State Defined Outcomes

## V. State Defined Outcomes Table of Content

O No.	OUTCOME NAME
1	Develop skills that promote healthy relationships
2	Increase use of Maine-produced natural resources
3	Make better decision regarding natural resource management
4	Make better decisions regarding healthy lifestyle
5	Organize community coalitions and working groups
6	Promote healthy relationships
7	Protect or conserve biodiversity and habitat including native plant and animal species
8	Use new technologies
9	Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness.
10	Protect and enhance Maine's natural resources and environment through sustainable stewardship.
11	Demonstrate basic facilitation skills
12	Demonstrate effective practices in leadership roles
13	Demonstrate effective relationship skills
14	Demonstrate healthy lifestyle choices
15	Demonstrate how to assess the impact of your lifestyle
16	Demonstrate how to identify native flora and fauna.
17	Demonstrate how to identify non-native invasive species
18	Demonstrate how to use technology
19	Demonstrate sustainable living principles and practices
20	Describe aspirations to contribute to ecological health and biodiversity
21	Describe community service and outreach opportunities
22	Describe ecological principles
23	Describe effective group work and leadership
24	Describe forest ecosystem processes
25	Describe freshwater ecosystem processes
26	Describe healthy lifestyle choices
27	Describe how to integrate regular physical activity into daily lives in a variety of ways
28	Describe management strategies for forest ecosystems
29	Describe management strategies for freshwater ecosystems
30	Describe management strategies for marine ecosystems
31	Describe marine ecosystem processes
32	Describe resources available from, and services provided by, natural resource professionals
33	Describe self as part of the web of life
34	Describe styles of leadership and their appropriate application
35	Describe sustainable living principles and practices
36	Describe the ecosystems where they live
37	Describe the elements of effective group work
38	Describe the laws of ecology
39	Describe the principles of biodiversity and the form and function of ecosystems
40	Describe ways to observe, explore, and experience nature
41	Develop an action plan or results planning document

- |    |  |
|----|--|
| 42 | Adopt appropriate practices  |
| 43 | Adopt environmentally sound practices  |
| 44 | Adopt lower impact lifestyles  |
| 45 | Conduct community service or outreach  |
| 46 | Create and sustain effective partnerships and collaborations   |
| 47 | Create demonstration model   |
| 48 | Create learning opportunities based on principles of positive human development  |
| 49 | Develop a sense of belonging to a community  |
| 50 | Develop environmentally sound technologies and practices   |
| 51 | Support and mentor others in leadership roles  |
| 52 | Use services of natural resource professionals   |
| 53 | Demonstrate leadership skills  |
| 54 | Adopt appropriate practices Adopt environmentally sound practices Adopt lower impact lifestyles Develop environmentally sound technologies and practices |



**Outcome #1**

**1. Outcome Measures**

Develop skills that promote healthy relationships

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1520	557

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
403	Waste Disposal, Recycling, and Reuse
703	Nutrition Education and Behavior
724	Healthy Lifestyle
801	Individual and Family Resource Management

**Outcome #2**

**1. Outcome Measures**

Increase use of Maine-produced natural resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	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
703	Nutrition Education and Behavior
801	Individual and Family Resource Management

**Outcome #3**

**1. Outcome Measures**

Make better decision regarding natural resource management

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	55	11

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
136	Conservation of Biological Diversity
703	Nutrition Education and Behavior
123	Management and Sustainability of Forest Resources
403	Waste Disposal, Recycling, and Reuse
724	Healthy Lifestyle
801	Individual and Family Resource Management
112	Watershed Protection and Management

**Outcome #4**

**1. Outcome Measures**

Make better decisions regarding healthy lifestyle

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	700	6812

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
403	Waste Disposal, Recycling, and Reuse
724	Healthy Lifestyle
703	Nutrition Education and Behavior

**Outcome #5**

**1. Outcome Measures**

Organize community coalitions and working groups

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	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
703	Nutrition Education and Behavior
801	Individual and Family Resource Management

**Outcome #6**

**1. Outcome Measures**

Promote healthy relationships

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	24

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
724	Healthy Lifestyle

**Outcome #7**

**1. Outcome Measures**

Protect or conserve biodiversity and habitat including native plant and animal species

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	17

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
136	Conservation of Biological Diversity
135	Aquatic and Terrestrial Wildlife
123	Management and Sustainability of Forest Resources
403	Waste Disposal, Recycling, and Reuse

**Outcome #8**

**1. Outcome Measures**

Use new technologies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	110	671

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
123	Management and Sustainability of Forest Resources
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water
801	Individual and Family Resource Management
403	Waste Disposal, Recycling, and Reuse
136	Conservation of Biological Diversity

**Outcome #9**

**1. Outcome Measures**

Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
703	Nutrition Education and Behavior
724	Healthy Lifestyle

**Outcome #10**

**1. Outcome Measures**

Protect and enhance Maine's natural resources and environment through sustainable stewardship.

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
136	Conservation of Biological Diversity
111	Conservation and Efficient Use of Water
123	Management and Sustainability of Forest Resources
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse

**Outcome #11****1. Outcome Measures**

Demonstrate basic facilitation skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	60

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
403	Waste Disposal, Recycling, and Reuse
703	Nutrition Education and Behavior

**Outcome #12****1. Outcome Measures**

Demonstrate effective practices in leadership roles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	25	72

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
111	Conservation and Efficient Use of Water
136	Conservation of Biological Diversity
123	Management and Sustainability of Forest Resources

**Outcome #13**

**1. Outcome Measures**

Demonstrate effective relationship skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	301

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
724	Healthy Lifestyle

**Outcome #14**

**1. Outcome Measures**

Demonstrate healthy lifestyle choices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	469

**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
724	Healthy Lifestyle
703	Nutrition Education and Behavior

**Outcome #15****1. Outcome Measures**

Demonstrate how to assess the impact of your lifestyle

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	40	0

**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
403	Waste Disposal, Recycling, and Reuse
724	Healthy Lifestyle
111	Conservation and Efficient Use of Water

**Outcome #16****1. Outcome Measures**

Demonstrate how to identify native flora and fauna.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	60	143

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
136	Conservation of Biological Diversity
123	Management and Sustainability of Forest Resources

**Outcome #17**

**1. Outcome Measures**  
Demonstrate how to identify non-native invasive species

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	221

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
136	Conservation of Biological Diversity
112	Watershed Protection and Management
123	Management and Sustainability of Forest Resources

**Outcome #18**

**1. Outcome Measures**

Demonstrate how to use technology

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	110	530

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse
801	Individual and Family Resource Management
123	Management and Sustainability of Forest Resources
136	Conservation of Biological Diversity
112	Watershed Protection and Management
724	Healthy Lifestyle

**Outcome #19****1. Outcome Measures**

Demonstrate sustainable living principles and practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	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
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water
123	Management and Sustainability of Forest Resources

### Outcome #20

#### 1. Outcome Measures

Describe aspirations to contribute to ecological health and biodiversity

#### 2. Associated Institution Types

•1862 Extension

#### 3a. Outcome Type:

Change in Knowledge Outcome Measure

#### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	20	1783

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

Issue (Who cares and Why)

What has been done

## Results

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
724	Healthy Lifestyle
111	Conservation and Efficient Use of Water
136	Conservation of Biological Diversity
403	Waste Disposal, Recycling, and Reuse
703	Nutrition Education and Behavior
123	Management and Sustainability of Forest Resources
801	Individual and Family Resource Management
112	Watershed Protection and Management

### Outcome #21

#### 1. Outcome Measures

Describe community service and outreach opportunities

#### 2. Associated Institution Types

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	79

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
724	Healthy Lifestyle
801	Individual and Family Resource Management
403	Waste Disposal, Recycling, and Reuse
111	Conservation and Efficient Use of Water

**Outcome #22**

**1. Outcome Measures**

Describe ecological principles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1720	1657

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
135	Aquatic and Terrestrial Wildlife
112	Watershed Protection and Management
123	Management and Sustainability of Forest Resources
134	Outdoor Recreation
111	Conservation and Efficient Use of Water

403	Waste Disposal, Recycling, and Reuse
724	Healthy Lifestyle
136	Conservation of Biological Diversity
703	Nutrition Education and Behavior
801	Individual and Family Resource Management

**Outcome #23****1. Outcome Measures**

Describe effective group work and leadership

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1720	502

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse
123	Management and Sustainability of Forest Resources
136	Conservation of Biological Diversity
112	Watershed Protection and Management

**Outcome #24****1. Outcome Measures**

Describe forest ecosystem processes

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	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
123	Management and Sustainability of Forest Resources

**Outcome #25**

**1. Outcome Measures**

Describe freshwater ecosystem processes

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	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
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management

**Outcome #26**

**1. Outcome Measures**

Describe healthy lifestyle choices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	700	1130

**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>
403	Waste Disposal, Recycling, and Reuse
703	Nutrition Education and Behavior
724	Healthy Lifestyle
801	Individual and Family Resource Management

**Outcome #27****1. Outcome Measures**

Describe how to integrate regular physical activity into daily lives in a variety of ways

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	10	603

**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>
724	Healthy Lifestyle

**Outcome #28****1. Outcome Measures**

Describe management strategies for forest ecosystems

**2. Associated Institution Types**

•1862 Extension



**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	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
123	Management and Sustainability of Forest Resources
136	Conservation of Biological Diversity

**Outcome #29****1. Outcome Measures**

Describe management strategies for freshwater ecosystems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	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
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water

**Outcome #30**

**1. Outcome Measures**

Describe management strategies for marine ecosystems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	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
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water

**Outcome #31**

**1. Outcome Measures**

Describe marine ecosystem processes

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	60	42

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
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**Outcome #32****1. Outcome Measures**

Describe resources available from, and services provided by, natural resource professionals

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	25	412

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
136	Conservation of Biological Diversity
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
703	Nutrition Education and Behavior
123	Management and Sustainability of Forest Resources
135	Aquatic and Terrestrial Wildlife
724	Healthy Lifestyle
801	Individual and Family Resource Management
403	Waste Disposal, Recycling, and Reuse

**Outcome #33****1. Outcome Measures**

Describe self as part of the web of life

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	3120	2556

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

**Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
135	Aquatic and Terrestrial Wildlife
136	Conservation of Biological Diversity

**Outcome #34****1. Outcome Measures**

Describe styles of leadership and their appropriate application

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	25	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
123	Management and Sustainability of Forest Resources
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
703	Nutrition Education and Behavior

**Outcome #35****1. Outcome Measures**

Describe sustainable living principles and practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	710	803

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
724	Healthy Lifestyle
403	Waste Disposal, Recycling, and Reuse
801	Individual and Family Resource Management
703	Nutrition Education and Behavior
134	Outdoor Recreation

**Outcome #36**

**1. Outcome Measures**

Describe the ecosystems where they live

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	2435	2536

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
136	Conservation of Biological Diversity
112	Watershed Protection and Management
123	Management and Sustainability of Forest Resources
135	Aquatic and Terrestrial Wildlife

**Outcome #37**

**1. Outcome Measures**

Describe the elements of effective group work

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	25	66

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
703	Nutrition Education and Behavior
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water
136	Conservation of Biological Diversity

**Outcome #38**

**1. Outcome Measures**

Describe the laws of ecology

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	2435	2631

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

**Issue (Who cares and Why)**

**What has been done**

## Results

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
135	Aquatic and Terrestrial Wildlife
112	Watershed Protection and Management
123	Management and Sustainability of Forest Resources
136	Conservation of Biological Diversity
403	Waste Disposal, Recycling, and Reuse

### Outcome #39

#### 1. Outcome Measures

Describe the principles of biodiversity and the form and function of ecosystems

#### 2. Associated Institution Types

•1862 Extension

#### 3a. Outcome Type:

Change in Knowledge Outcome Measure

#### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	10	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
136	Conservation of Biological Diversity

### Outcome #40

#### 1. Outcome Measures

Describe ways to observe, explore, and experience nature

#### 2. Associated Institution Types

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1730	1862

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
123	Management and Sustainability of Forest Resources
135	Aquatic and Terrestrial Wildlife
134	Outdoor Recreation
112	Watershed Protection and Management
136	Conservation of Biological Diversity

**Outcome #41****1. Outcome Measures**

Develop an action plan or results planning document

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	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
801	Individual and Family Resource Management

**Outcome #42**



**1. Outcome Measures**

Adopt appropriate practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	1127

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
134	Outdoor Recreation
123	Management and Sustainability of Forest Resources
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management
136	Conservation of Biological Diversity
801	Individual and Family Resource Management

**Outcome #43**

**1. Outcome Measures**

Adopt environmentally sound practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1520	1259

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

**Issue (Who cares and Why)**

**What has been done**

## Results

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
724	Healthy Lifestyle
111	Conservation and Efficient Use of Water
123	Management and Sustainability of Forest Resources
112	Watershed Protection and Management
136	Conservation of Biological Diversity
403	Waste Disposal, Recycling, and Reuse
801	Individual and Family Resource Management
134	Outdoor Recreation

### Outcome #44

#### 1. Outcome Measures

Adopt lower impact lifestyles

#### 2. Associated Institution Types

•1862 Extension

#### 3a. Outcome Type:

Change in Action Outcome Measure

#### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	720	753

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

Issue (Who cares and Why)

What has been done

Results

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
134	Outdoor Recreation
724	Healthy Lifestyle
801	Individual and Family Resource Management

### Outcome #45

#### 1. Outcome Measures

Conduct community service or outreach

#### 2. Associated Institution Types

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	260	2093

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
136	Conservation of Biological Diversity
403	Waste Disposal, Recycling, and Reuse
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
123	Management and Sustainability of Forest Resources

**Outcome #46**

**1. Outcome Measures**

Create and sustain effective partnerships and collaborations

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	661

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
123	Management and Sustainability of Forest Resources
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water
136	Conservation of Biological Diversity

403

Waste Disposal, Recycling, and Reuse

**Outcome #47****1. Outcome Measures**

Create demonstration model

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
136	Conservation of Biological Diversity
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
123	Management and Sustainability of Forest Resources
111	Conservation and Efficient Use of Water
801	Individual and Family Resource Management

**Outcome #48****1. Outcome Measures**

Create learning opportunities based on principles of positive human development

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	700	1306

**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>
703	Nutrition Education and Behavior
801	Individual and Family Resource Management
724	Healthy Lifestyle

**Outcome #49****1. Outcome Measures**

Develop a sense of belonging to a community

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	180	699

**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>
403	Waste Disposal, Recycling, and Reuse
703	Nutrition Education and Behavior
123	Management and Sustainability of Forest Resources
111	Conservation and Efficient Use of Water
801	Individual and Family Resource Management
724	Healthy Lifestyle

**Outcome #50****1. Outcome Measures**

Develop environmentally sound technologies and practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	12

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse
123	Management and Sustainability of Forest Resources
136	Conservation of Biological Diversity

**Outcome #51**

**1. Outcome Measures**

Support and mentor others in leadership roles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	120

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
123	Management and Sustainability of Forest Resources
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
136	Conservation of Biological Diversity

**Outcome #52**

**1. Outcome Measures**

Use services of natural resource professionals

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	101

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse
135	Aquatic and Terrestrial Wildlife
123	Management and Sustainability of Forest Resources
136	Conservation of Biological Diversity
112	Watershed Protection and Management

**Outcome #53**

**1. Outcome Measures**

Demonstrate leadership skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	1814

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

**Issue (Who cares and Why)**

**What has been done**

## Results

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
403	Waste Disposal, Recycling, and Reuse
123	Management and Sustainability of Forest Resources

### Outcome #54

#### 1. Outcome Measures

Adopt appropriate practices Adopt environmentally sound practices Adopt lower impact lifestyles Develop environmentally sound technologies and practices

#### 2. Associated Institution Types

•1862 Extension

#### 3a. Outcome Type:

Change in Action Outcome Measure

#### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	{No Data Entered}	0

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

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

Environmental Education – Sustainable Living: Sustainable practices are essential in achieving an environmentally viable future. Environmental education through 4-H camp experiences, leadership development programs, volunteer development, Web sites, consultations, and other methodologies can establish strong connections for individuals between themselves and the natural world, and support a commitment to positive change and environmentally sustainable actions.

##### What has been done

Thousands of youth and adults from across Maine and the United States have gained knowledge of the complexities of our environment and adopted more sustainable behaviors as a result of participating in UMaine Extension programs that included 4- H residential and day camps, school programs, volunteer trainings, coastal and marine education, wildlife habitat education, and agriculture-related education.

##### Results

Maine citizens have participated in UMaine Extension educational activities and/or used Extension resources related to environmental education to improve the future of the natural world where they live. Evaluations show that more than 2,500 have learned and understand the laws of ecology, understand the ecosystems where they live, and describe themselves as part of the web of life; more than 800 individuals understand and can describe sustainable living principles and practices; more than 1,300 have adopted environmentally sound practices and lower impact lifestyles; and nearly 18,000 have expressed their intentions to contribute to ecological health and biodiversity. We have worked with more than 300 citizen volunteers who have contributed over 4,800 hours of time during 2007 to help further the goals of our environmental education programs.

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
724	Healthy Lifestyle
136	Conservation of Biological Diversity
134	Outdoor Recreation



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

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

- Natural Disasters (drought, weather extremes, etc.)
- Public Policy changes
- Government Regulations

### **Brief Explanation**

The realities of global climate change and human population growth have necessitated an integrated approach to living. Environmental education and sustainable living practices are being incorporated into a broad spectrum of UMaine Extension educational programs.

## **V(I). Planned Program (Evaluation Studies and Data Collection)**

### **1. Evaluation Studies Planned**

- Before-After (before and after program)
- During (during program)

### **Evaluation Results**

### **Key Items of Evaluation**

**Program #8****V(A). Planned Program (Summary)****1. Name of the Planned Program**

Family Relations and Transitions

**V(B). Program Knowledge Area(s)****1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
801	Individual and Family Resource Management	20%		20%	
802	Human Development and Family Well-Being	20%		20%	
803	Sociological and Technological Change Affecting Individuals, Families and Communities	60%		60%	
	<b>Total</b>	100%		100%	

**V(C). Planned Program (Inputs)****1. Actual amount of professional FTE/SYs expended this Program**

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	7.2	0.0	0.1	0.0
<b>Actual</b>	7.0	0.0	0.1	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
120972	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
328294	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
636526	0	0	0

**V(D). Planned Program (Activity)****1. Brief description of the Activity**

•4-H volunteer Development - Volunteer Training •Caring For Kids - Baby Sitting Training for Youth •Collaborative Relationships With Community Organizations •Consultations - Gender Education •Evaluation projects •Family Development •Gender Project and Turn Beauty Inside Out •Gender Project Train-the-Trainer Workshops •Home Visits With New Parents •Human Development and Family Relations Training To New Parent Educators and Home Visitors in the "Parents Are Teachers Too" Model •Infant Mental Health Professional Development Opportunities •Leadership to Collaborative Groups to Improve and Expand Maine's Home Visiting System •Media Literacy Workshops •Mentor and Provide Technical Assistance to Home Visiting Program Managers •Newsletter - Money Sense •Parent Education Training •Parenting Newsletter •Parenting Through Separation and Divorce •Professional Development For Home Visitors •Project Collaborations - Gender Education •Recruit, Educate, and Match Volunteer Mentors with Adolescent Parents. •Resource Development - Gender Education •Strengthening Stepfamilies •The Growing Years •Training Opportunities for Parent Educators. •Turn Beauty Inside Out Network Meetings •Volunteer Support - 4-H Youth Development •Women's Leadership Retreats: The Eleanor Days

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

•4-H Volunteers (Adult) •Agency Staff or Professionals (Adult) •Care Providers for Children (Adult) •Coalition Members (Adult) •Community Leaders (Adult) •Community Organization Members or Staff (Adult) •Extension Faculty (Adult) •Extension Homemakers (Adult) •Extension Professionals (Adult) •Families (Adult) •Families (Youth) •General Public (Adult) •Grandparents (Adult) •Parent Educators (Adult) •Parents (Adult) •Prenatal Families (Adult) •Prenatal Families (Youth) •Student (Adult) •Teachers (Adult) •Volunteers (Adult) •Youth (Youth) •Youth Educators (Adult)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	1351	618	35	0
2007	1767	4685	24	0

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

**Patent Applications Submitted**

<b>Year</b>	<b>Target</b>
Plan:	0
2007 :	0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	Extension	Research	Total
<b>Plan</b>			
2007	0	0	0

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

**Output Target**

**Output #1****Output Measure**

- Direct - Experiential Learning

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	4	0

**Output #2****Output Measure**

- Direct - Applied Research

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	0	0

**Output #3****Output Measure**

- Direct - Collaborative or Cooperative Effort

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	16	66

**Output #4****Output Measure**

- Direct - Conference or symposium

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	3	5

**Output #5****Output Measure**

- Direct - Consultation

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1779	1582

**Output #6****Output Measure**

- Direct - Group Presentation

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	10	1

**Output #7****Output Measure**

- Direct - Public Presentation

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	10	10

**Output #8****Output Measure**

- Direct - Train-the-Trainer

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	34	9

**Output #9****Output Measure**

- Direct - Volunteer Training

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	20	25

**Output #10****Output Measure**

- Direct - Workshop - series

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	11	12

**Output #11****Output Measure**

- Indirect - Applied Research

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	2

**Output #12****Output Measure**

- Indirect - Publication - curriculum

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	3	4

**Output #13****Output Measure**

- Indirect - Publication - newsletter

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	350	7

**Output #14****Output Measure**

- Indirect - Written or e-mail response to Client Request

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	50	49

## V(G). State Defined Outcomes

## V. State Defined Outcomes Table of Content

O No.	OUTCOME NAME
1	Demonstrate age-appropriate preventive health practices
2	Demonstrate age-appropriate relationship skills
3	Demonstrate age-appropriate tasks and needs
4	Demonstrate conflict management or mediation skills
5	Demonstrate effective mentoring or coaching skills
6	Demonstrate healthy lifestyle practices
7	Demonstrate how to care for and nurture others
8	Demonstrate how to communicate effectively
9	Demonstrate how to create safe spaces
10	Demonstrate how to develop a budget to meet financial goals
11	Demonstrate how to distinguish between "needs" and "wants"
12	Demonstrate how to keep good records
13	Demonstrate how to make informed financial decisions
14	Demonstrate how to promote competence
15	Demonstrate how to respect others
16	Demonstrate how to respond to an emergency situation
17	Demonstrate how to support development of whole people
18	Demonstrate positive engagement in their communities
19	Describe age-appropriate safety practices
20	Describe effective group work and leadership
21	Describe elements of safe environments in homes, schools, or communities
22	Describe gender stereotypes and their effects
23	Describe the components of a record-keeping system
24	Describe the elements of safe spaces
25	Describe the essential factors regarding human development principles
26	Describe the impact of cultural and media messages
27	Adopt record-keeping system
28	Balance roles, responsibilities, and stress
29	Conduct community-based education that encourages healthy individual and family behaviors
30	Create learning opportunities based on principles of positive human development
31	Create safe and empowering learning opportunities
32	Create sustainable networks
33	Develop a financial plan
34	Develop and apply policies or practices that create safe, healthy physical environments
35	Develop and apply policies or practices that create safe, healthy psychological environments
36	Develop literacy and critical thinking skills
37	Develop skills that promote healthy relationships
38	Engage in leadership development
39	Make better decisions
40	Make better decisions using accurate records
41	Manage community resources

- 42 Model positive group behavior to others
- 43 Organize conferences or other learning opportunities
- 44 Use literacy and critical thinking skills
- 45 Use relevant UMCE web-based resources
- 46 Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness
- 47 Increase the economic and social viability and sustainability of Maine communities.
- 48 Provide learning opportunities for groups or organizations
- 49 Reduce or eliminate gender stereotyping
- 50 Teach others to take leadership and facilitation roles
- 51 Treat all people with dignity and respect
- 52 Assume personal responsibility for health
- 53 Create and sustain effective partnerships and collaborations
- 54 Create new media
- 55 Develop a shared vision for the future
- 56 Increase capacity to establish goals or make decisions
- 57 Increase volunteerism
- 58 Promote healthy relationships
- 59 Support and mentor others in leadership roles
- 60 Use a collaborative process or approach
- 61 Access relevant UMaine Extension publications
- 62 Access relevant UMaine Extension web-based resources
- 63 Demonstrate basic facilitation skills
- 64 Demonstrate effective collaboration skills and techniques
- 65 Demonstrate healthy lifestyle choices
- 66 Demonstrate how to allocate scarce or limited resources
- 67 Demonstrate how to create educational situations that honor all learning styles
- 68 Demonstrate how to critically evaluate the effectiveness of existing policies or practices
- 69 Demonstrate how to effectively lead organizations or community groups
- 70 Demonstrate how to integrate regular physical activity into daily life
- 71 Demonstrate how to use the USDA dietary guidelines and Food Guide pyramid to plan menus or choose foods
- 72 Demonstrate improved communication skills
- 73 Demonstrate increased motivation to alter behavior to decrease the risk of chronic disease
- 74 Demonstrate leadership skills
- 75 Demonstrate planning and organizational skills
- 76 Describe age-appropriate relationship skills
- 77 Describe diversity

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

Demonstrate age-appropriate preventive health practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	184	334

**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

**Outcome #2****1. Outcome Measures**

Demonstrate age-appropriate relationship skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	370	476

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
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**Outcome #3****1. Outcome Measures**

Demonstrate age-appropriate tasks and needs

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	180	1069

**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

**Outcome #4****1. Outcome Measures**

Demonstrate conflict management or mediation skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	55	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
803	Sociological and Technological Change Affecting Individuals, Families and Communities
801	Individual and Family Resource Management
802	Human Development and Family Well-Being

**Outcome #5**

**1. Outcome Measures**

Demonstrate effective mentoring or coaching skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	87	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
802	Human Development and Family Well-Being
801	Individual and Family Resource Management

**Outcome #6**

**1. Outcome Measures**

Demonstrate healthy lifestyle practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	208	290

**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
801	Individual and Family Resource Management

**Outcome #7**

**1. Outcome Measures**

Demonstrate how to care for and nurture others

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	816

**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

**Outcome #8**

**1. Outcome Measures**

Demonstrate how to communicate effectively

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	75	96

**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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities
801	Individual and Family Resource Management
802	Human Development and Family Well-Being

**Outcome #9****1. Outcome Measures**

Demonstrate how to create safe spaces

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	70	76

**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

**Outcome #10****1. Outcome Measures**

Demonstrate how to develop a budget to meet financial goals

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	95

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
802	Human Development and Family Well-Being

**Outcome #11**

**1. Outcome Measures**

Demonstrate how to distinguish between "needs" and "wants"

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
801	Individual and Family Resource Management
802	Human Development and Family Well-Being

**Outcome #12**

**1. Outcome Measures**

Demonstrate how to keep good records

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	1103

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management

**Outcome #13**

**1. Outcome Measures**

Demonstrate how to make informed financial decisions

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	80	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
801	Individual and Family Resource Management

**Outcome #14****1. Outcome Measures**

Demonstrate how to promote competence

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	32	7

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management

**Outcome #15****1. Outcome Measures**

Demonstrate how to respect others

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	95	893

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
802	Human Development and Family Well-Being

**Outcome #16**

**1. Outcome Measures**

Demonstrate how to respond to an emergency situation

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	34

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
802	Human Development and Family Well-Being
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #17**

**1. Outcome Measures**

Demonstrate how to support development of whole people

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	270	15

**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

**Outcome #18****1. Outcome Measures**

Demonstrate positive engagement in their communities

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	55	124

**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

**Outcome #19****1. Outcome Measures**

Describe age-appropriate safety practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	170	146

**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

**Outcome #20****1. Outcome Measures**

Describe effective group work and leadership

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	35	502

**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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #21****1. Outcome Measures**

Describe elements of safe environments in homes, schools, or communities

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	24

**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

**Outcome #22****1. Outcome Measures**

Describe gender stereotypes and their effects

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	390	25

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #23****1. Outcome Measures**

Describe the components of a record-keeping system

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	195

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
802	Human Development and Family Well-Being

**Outcome #24****1. Outcome Measures**

Describe the elements of safe spaces

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	260	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
802	Human Development and Family Well-Being

**Outcome #25**

**1. Outcome Measures**

Describe the essential factors regarding human development principles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	28	29

**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

**Outcome #26**

**1. Outcome Measures**

Describe the impact of cultural and media messages

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	370	38

**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

**Outcome #27****1. Outcome Measures**

Adopt record-keeping system

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	150	157

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management

**Outcome #28****1. Outcome Measures**

Balance roles, responsibilities, and stress

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	12

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
802	Human Development and Family Well-Being

**Outcome #29**

**1. Outcome Measures**

Conduct community-based education that encourages healthy individual and family behaviors

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	160	406

**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
801	Individual and Family Resource Management

**Outcome #30**

**1. Outcome Measures**

Create learning opportunities based on principles of positive human development

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	375	1306

**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

**Outcome #31****1. Outcome Measures**

Create safe and empowering learning opportunities

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	110	108

**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
801	Individual and Family Resource Management

**Outcome #32****1. Outcome Measures**

Create sustainable networks

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	5	2

**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
801	Individual and Family Resource Management

**Outcome #33**

**1. Outcome Measures**

Develop a financial plan

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	300	2

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management

**Outcome #34**

**1. Outcome Measures**

Develop and apply policies or practices that create safe, healthy physical environments

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	24

**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

**Outcome #35**

**1. Outcome Measures**

Develop and apply policies or practices that create safe, healthy psychological environments

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	78	557

**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

**Outcome #36**

**1. Outcome Measures**

Develop literacy and critical thinking skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	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
802	Human Development and Family Well-Being

**Outcome #37****1. Outcome Measures**

Develop skills that promote healthy relationships

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	254	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
802	Human Development and Family Well-Being

**Outcome #38**

**1. Outcome Measures**

Engage in leadership development

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	120	153

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #39**

**1. Outcome Measures**

Make better decisions

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	300	65

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management

**Outcome #40****1. Outcome Measures**

Make better decisions using accurate records

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
801	Individual and Family Resource Management

**Outcome #41****1. Outcome Measures**

Manage community resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	0

**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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #42**

**1. Outcome Measures**

Model positive group behavior to others

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	0

**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

**Outcome #43**

**1. Outcome Measures**

Organize conferences or other learning opportunities

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	2	221

**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
801	Individual and Family Resource Management

**Outcome #44****1. Outcome Measures**

Use literacy and critical thinking skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	108	31

**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

**Outcome #45****1. Outcome Measures**

Use relevant UMCE web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	250	37825

**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
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #46****1. Outcome Measures**

Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #47**



**1. Outcome Measures**

Increase the economic and social viability and sustainability of Maine communities.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #48**

**1. Outcome Measures**

Provide learning opportunities for groups or organizations

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	63

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
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802	Human Development and Family Well-Being
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #49**

**1. Outcome Measures**

Reduce or eliminate gender stereotyping

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	160	50

**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

**Outcome #50**

**1. Outcome Measures**

Teach others to take leadership and facilitation roles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	75	158

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #51**

**1. Outcome Measures**

Treat all people with dignity and respect

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	185	2728

**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

**Outcome #52**

**1. Outcome Measures**

Assume personal responsibility for health

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	181

**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

**Outcome #53****1. Outcome Measures**

Create and sustain effective partnerships and collaborations

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	{No Data Entered}	661

**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
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #54****1. Outcome Measures**

Create new media

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	13

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities
802	Human Development and Family Well-Being

**Outcome #55**

**1. Outcome Measures**

Develop a shared vision for the future

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	77

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management

**Outcome #56**

**1. Outcome Measures**

Increase capacity to establish goals or make decisions

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	2106

**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
801	Individual and Family Resource Management

**Outcome #57**

**1. Outcome Measures**

Increase volunteerism

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	10

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
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803 Sociological and Technological Change Affecting Individuals, Families and Communities  
 802 Human Development and Family Well-Being

**Outcome #58**

**1. Outcome Measures**

Promote healthy relationships

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	24

**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

**Outcome #59**

**1. Outcome Measures**

Support and mentor others in leadership roles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	120

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #60**

**1. Outcome Measures**

Use a collaborative process or approach

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	43

**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

**Outcome #61**

**1. Outcome Measures**

Access relevant UMaine Extension publications

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	3206

**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
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities

### Outcome #62

#### 1. Outcome Measures

Access relevant UMaine Extension web-based resources

#### 2. Associated Institution Types

•1862 Extension

#### 3a. Outcome Type:

Change in Knowledge Outcome Measure

#### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	{No Data Entered}	86972

#### 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
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities

### Outcome #63

#### 1. Outcome Measures

Demonstrate basic facilitation skills

#### 2. Associated Institution Types

•1862 Extension

#### 3a. Outcome Type:

Change in Knowledge Outcome Measure

#### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	{No Data Entered}	60

#### 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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #64****1. Outcome Measures**

Demonstrate effective collaboration skills and techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	{No Data Entered}	78

**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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #65****1. Outcome Measures**

Demonstrate healthy lifestyle choices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	469

**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
801	Individual and Family Resource Management

**Outcome #66**

**1. Outcome Measures**  
Demonstrate how to allocate scarce or limited resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	3537

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management

**Outcome #67**

**1. Outcome Measures**

Demonstrate how to create educational situations that honor all learning styles

## 2. Associated Institution Types

•1862 Extension

### 3a. Outcome Type:

Change in Knowledge Outcome Measure

### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	{No Data Entered}	38

### 3c. Qualitative Outcome or Impact Statement

**Issue (Who cares and Why)**

**What has been done**

**Results**

## 4. Associated Knowledge Areas

KA Code	Knowledge Area
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities
802	Human Development and Family Well-Being

## Outcome #68

### 1. Outcome Measures

Demonstrate how to critically evaluate the effectiveness of existing policies or practices

## 2. Associated Institution Types

•1862 Extension

### 3a. Outcome Type:

Change in Knowledge Outcome Measure

### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	{No Data Entered}	12

### 3c. Qualitative Outcome or Impact Statement

**Issue (Who cares and Why)**

**What has been done**

**Results**

## 4. Associated Knowledge Areas

KA Code	Knowledge Area
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801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #69**

**1. Outcome Measures**

Demonstrate how to effectively lead organizations or community groups

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	20

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #70**

**1. Outcome Measures**

Demonstrate how to integrate regular physical activity into daily life

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	12

**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

**Outcome #71**

**1. Outcome Measures**

Demonstrate how to use the USDA dietary guidelines and Food Guide pyramid to plan menus or choose foods

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	6053

**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

**Outcome #72**

**1. Outcome Measures**

Demonstrate improved communication skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	1588

**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

**Outcome #73**

**1. Outcome Measures**

Demonstrate increased motivation to alter behavior to decrease the risk of chronic disease

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	12

**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

**Outcome #74**

**1. Outcome Measures**

Demonstrate leadership skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	1814

**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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #75****1. Outcome Measures**

Demonstrate planning and organizational skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	{No Data Entered}	2418

**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

**Outcome #76****1. Outcome Measures**

Describe age-appropriate relationship skills

**2. Associated Institution Types**

•1862 Extension



**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	777

**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

**Outcome #77**

**1. Outcome Measures**  
Describe diversity

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	5

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities

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

**External factors which affected outcomes**

- Economy
- Appropriations changes

**Brief Explanation**

As appropriations and public policy changes have occurred, so have the services that community programs are able to provide, which may increase demand for educational materials and educational presentations on certain topics (for example, decreases to home visiting programs per appropriations have led to increases in newsletter subscribers).

**V(I). Planned Program (Evaluation Studies and Data Collection)**

**1. Evaluation Studies Planned**

- Before-After (before and after program)
- During (during program)
- Time series (multiple points before and after program)
- Case Study

**Evaluation Results**

{No Data Entered}

**Key Items of Evaluation**

{No Data Entered}

**Program #9**

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

**1. Name of the Planned Program**

Food Safety

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

**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
501	New and Improved Food Processing Technologies	15%		15%	
502	New and Improved Food Products	5%		5%	
504	Home and Commercial Food Service	20%		20%	
704	Nutrition and Hunger in the Population	20%		20%	
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources	20%		20%	
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins	20%		20%	
<b>Total</b>		<b>100%</b>		<b>100%</b>	

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	2.3	0.0	0.4	0.0
<b>Actual</b>	1.1	0.0	0.1	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
32718	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
64311	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
98352	0	0	0

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

**1. Brief description of the Activity**

•Consultation - Food Safety and Food Preservation •Cooking for a Crowd •EFNEP Food Safety •Fight Foodborne Illness •Food Cupboard Coalition •Food Preservation and Nutrition Call Team •Food Preservation Workshops •Food Safety Fun Kits •Maine Cattle Health Assurance Program •Maine Family Nutrition Program Food Safety •Piscataquis Public Health Coalition •Safety Zone

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

- Agricultural Producers (Adult) •Business Owners - current (Adult) •Care Providers for Children (Adult)
- Consumers (Adult) •Extension Homemakers (Adult) •Food Stamp Recipients (Adult) •Food Stamp Youth (Youth)
- General Public (Adult) •Limited Income Public (Adult) •Limited Income Public (Youth) •Nutrition Aides (Adult)
- Small or Home-Based Business Owners - Current (Adult)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	1815	1050	2020	0
2007	2294	1038	8361	0

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

**Patent Applications Submitted**

Year	Target
Plan:	0
2007 :	0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	Extension	Research	Total
Plan			
2007	0	0	0

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

**Output Target**

**Output #1****Output Measure**

- Direct - Group Presentation

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	3	0

**Output #2****Output Measure**

- Direct - Applied Research

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	5	0

**Output #3****Output Measure**

- Direct - Collaborative or Cooperative Effort

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	5	1

**Output #4****Output Measure**

- Direct - Consultation

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	2600	10153

**Output #5****Output Measure**

- Direct - Volunteer Training

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	4	0

**Output #6****Output Measure**

- Direct - Workshop - series

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	2	6

**Output #7****Output Measure**

- Direct - Workshop - single session

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	15	18

**Output #8****Output Measure**

- Indirect - Publication - newsletter

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	6	4

**Output #9****Output Measure**

- Indirect - Website

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	1

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O No.	OUTCOME NAME
1	Access relevant UMCE publications.
2	Demonstrate appropriate food safety practices
3	Demonstrate how to access community resources
4	Demonstrate how to access locally-grown foods
5	Demonstrate sustainable living skills
6	Describe HACCP principles
7	Describe USDA approved food preservation methods
8	Describe age-appropriate safety practices
9	Describe animal health programs
10	Describe community resources
11	Describe proper food handling practices
12	Describe the principles of a bio-security plan
13	Describe the risks of not handling food safely
14	Describe the value of consuming locally-produced food
15	Adopt HACCP and bio-security plans
16	Adopt behaviors to prevent or minimize complications of chronic disease
17	Adopt food safety practices
18	Adopt the USDA dietary guidelines and the food guide pyramid
19	Keep accurate records
20	Keep livestock healthy
21	Participate in Maine cattle health assurance program
22	Participate in Salmonella enteriditis surveillance program
23	Participate in livestock disease monitoring programs
24	Use relevant UMCE web-based resources
25	Enhance the economic and environmental sustainability of Maine agriculture and aquaculture.
26	Enhance the safety, sustainability, and dependability of Maine's food supply.
27	Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness.
28	Adopt appropriate technologies
29	Adopt practices that maintain long-term productivity
30	Assume personal responsibility for health
31	Develop educational programs that address health and safety issues
32	Operate equipment safely
33	Practice safety
34	Demonstrate animal management skills
35	Demonstrate how to locate scientific information
36	Demonstrate how to test new storage techniques
37	Demonstrate how to use the USDA dietary guidelines and Food Guide pyramid to plan menus or choose foods
38	Demonstrate production recordkeeping
39	Demonstrate sound agricultural practices
40	Describe how personal behaviors influence the risk of chronic disease

41	Adopt HACCP and bio-security plans Adopt food safety practices Participate in Salmonella enteriditis surveillance program Practice safety
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**Outcome #1****1. Outcome Measures**

Access relevant UMCE publications.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	3206

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
504	Home and Commercial Food Service
501	New and Improved Food Processing Technologies
502	New and Improved Food Products

**Outcome #2****1. Outcome Measures**

Demonstrate appropriate food safety practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	270	283

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**



**4. Associated Knowledge Areas**

KA Code	Knowledge Area
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sourc
501	New and Improved Food Processing Technologies
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins

**Outcome #3**

**1. Outcome Measures**

Demonstrate how to access community resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10050	19

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
501	New and Improved Food Processing Technologies
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sourc
502	New and Improved Food Products
504	Home and Commercial Food Service
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins

**Outcome #4**

**1. Outcome Measures**

Demonstrate how to access locally-grown foods

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	147

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

**Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service

**Outcome #5****1. Outcome Measures**

Demonstrate sustainable living skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	100

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
501	New and Improved Food Processing Technologies
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
504	Home and Commercial Food Service
502	New and Improved Food Products

**Outcome #6****1. Outcome Measures**

Describe HACCP principles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	110	42

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
502	New and Improved Food Products
501	New and Improved Food Processing Technologies
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
704	Nutrition and Hunger in the Population
504	Home and Commercial Food Service
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources

**Outcome #7**

**1. Outcome Measures**

Describe USDA approved food preservation methods

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	105	129

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
501	New and Improved Food Processing Technologies
504	Home and Commercial Food Service

**Outcome #8****1. Outcome Measures**

Describe age-appropriate safety practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	2460	146

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins

**Outcome #9****1. Outcome Measures**

Describe animal health programs

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	65	120

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sourc

**Outcome #10****1. Outcome Measures**

Describe community resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	34

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sourc
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
502	New and Improved Food Products

**Outcome #11****1. Outcome Measures**

Describe proper food handling practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	670	318

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sourc

**Outcome #12**

**1. Outcome Measures**

Describe the principles of a bio-security plan

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	25	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
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sourc
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins

**Outcome #13**

**1. Outcome Measures**

Describe the risks of not handling food safely

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	150	182

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources
504	Home and Commercial Food Service

**Outcome #14**

**1. Outcome Measures**

Describe the value of consuming locally-produced food

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	450	105

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service

**Outcome #15**

**1. Outcome Measures**

Adopt HACCP and bio-security plans

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	25	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
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins

**Outcome #16**

**1. Outcome Measures**

Adopt behaviors to prevent or minimize complications of chronic disease

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	125	131

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
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712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sourc

**Outcome #17**

**1. Outcome Measures**

Adopt food safety practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	2785	4325

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sourc
504	Home and Commercial Food Service

**Outcome #18**

**1. Outcome Measures**

Adopt the USDA dietary guidelines and the food guide pyramid

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	160	1700

**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>
504	Home and Commercial Food Service

**Outcome #19****1. Outcome Measures**

Keep accurate records

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	45	15

**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>
504	Home and Commercial Food Service

**Outcome #20****1. Outcome Measures**

Keep livestock healthy

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	25	15

**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>
501	New and Improved Food Processing Technologies
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
504	Home and Commercial Food Service
502	New and Improved Food Products

**Outcome #21****1. Outcome Measures**

Participate in Maine cattle health assurance program

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	40	20

**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>
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
504	Home and Commercial Food Service

**Outcome #22****1. Outcome Measures**

Participate in Salmonella enteritidis surveillance program

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	25	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
501	New and Improved Food Processing Technologies
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins

**Outcome #23**

**1. Outcome Measures**

Participate in livestock disease monitoring programs

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	25	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
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
504	Home and Commercial Food Service
501	New and Improved Food Processing Technologies
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources

**Outcome #24**

**1. Outcome Measures**

Use relevant UMCE web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	37825

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
704	Nutrition and Hunger in the Population
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
501	New and Improved Food Processing Technologies
502	New and Improved Food Products
504	Home and Commercial Food Service
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sourc

**Outcome #25**

**1. Outcome Measures**

Enhance the economic and environmental sustainability of Maine agriculture and aquaculture.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
501	New and Improved Food Processing Technologies
502	New and Improved Food Products

**Outcome #26**

**1. Outcome Measures**

Enhance the safety, sustainability, and dependability of Maine's food supply.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
502	New and Improved Food Products
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
501	New and Improved Food Processing Technologies
504	Home and Commercial Food Service

**Outcome #27**

**1. Outcome Measures**

Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
704	Nutrition and Hunger in the Population

**Outcome #28****1. Outcome Measures**

Adopt appropriate technologies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	106

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
502	New and Improved Food Products
501	New and Improved Food Processing Technologies
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources

**Outcome #29**

**1. Outcome Measures**

Adopt practices that maintain long-term productivity

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	3389

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service
502	New and Improved Food Products
501	New and Improved Food Processing Technologies

**Outcome #30****1. Outcome Measures**

Assume personal responsibility for health

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	181

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

**Issue (Who cares and Why)**

**What has been done**

**Results**



**4. Associated Knowledge Areas**

KA Code	Knowledge Area
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sourc
504	Home and Commercial Food Service
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins

**Outcome #31**

**1. Outcome Measures**

Develop educational programs that address health and safety issues

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	1

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sourc
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
504	Home and Commercial Food Service

**Outcome #32**

**1. Outcome Measures**

Operate equipment safely

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	25

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sourc
501	New and Improved Food Processing Technologies
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins

**Outcome #33**

**1. Outcome Measures**

Practice safety

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	218

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
504	Home and Commercial Food Service
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sourc

**Outcome #34**

**1. Outcome Measures**

Demonstrate animal management skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	341

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
501	New and Improved Food Processing Technologies

**Outcome #35**

**1. Outcome Measures**

Demonstrate how to locate scientific information

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	245

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources
501	New and Improved Food Processing Technologies
504	Home and Commercial Food Service
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
502	New and Improved Food Products

**Outcome #36**

**1. Outcome Measures**

Demonstrate how to test new storage techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	10

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service
501	New and Improved Food Processing Technologies

**Outcome #37**

**1. Outcome Measures**

Demonstrate how to use the USDA dietary guidelines and Food Guide pyramid to plan menus or choose foods

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	6053

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service

**Outcome #38**

**1. Outcome Measures**

Demonstrate production recordkeeping

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	92

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
504	Home and Commercial Food Service
501	New and Improved Food Processing Technologies
502	New and Improved Food Products

**Outcome #39**

**1. Outcome Measures**

Demonstrate sound agricultural practices

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	20

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
501	New and Improved Food Processing Technologies
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sourc

**Outcome #40**

**1. Outcome Measures**

Describe how personal behaviors influence the risk of chronic disease

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	99

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sourc
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
504	Home and Commercial Food Service

**Outcome #41**

**1. Outcome Measures**

Adopt HACCP and bio-security plans Adopt food safety practices Participate in Salmonella enteriditis surveillance program Practice safety

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	0

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)**

Good agricultural practices or GAP certification verifies a farms adherence to the Food and Drug Administrations Guide to Minimize Microbial Food Safety Hazards for Fresh Fruits and Vegetables. Successful completion of a GAP certification audit is required for potatoes and other fresh products purchased under USDA feeding and nutrition programs. Some grocery chains require certification, as does McCain Foods, an important processor of Maine potatoes.

**What has been done**

GAP audits for basic food safety, mitigation of hazards associated with land use and water, and mitigation of microbial contamination during harvest, field packing, storage and transportation were made possible by the documentation developed and supplied to growers by the University of Maine Cooperative Extension Potato Program.

**Results**

During 2007, 100 percent of growers producing potatoes for McCain Foods were GAP compliant, helping to minimize the potential of microbial infection in processed potato products from Maine, and keeping an important part of the food supply safer. The crop represented a value of \$44 million paid directly to 123 potato growers, and \$13 million in wages paid to McCain Foods employees.

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sourc

**V(H). Planned Program (External Factors)****External factors which affected outcomes**

- Government Regulations
- Other (Unfilled position)

**Brief Explanation**

The U.S. Food and Drug Administration requires seafood processors to become HACCP (Hazard Analysis and Critical Control Point ) certified, and that canned food producers who process acidified and low-acid products complete Better Process Control School.

Good Agricultural Practices training is voluntary for vegetable producers, but is market driven based on new industry standards which often require it of producers who sell to commercial food processors.

During 2007 our Food Systems Specialist position was vacant due to the retirement of a previous specialist and subsequent unsuccessful searches that were conducted for a replacement.

**V(I). Planned Program (Evaluation Studies and Data Collection)****1. Evaluation Studies Planned**

- Retrospective (post program)
- Before-After (before and after program)
- Case Study
- Comparisons between program participants (individuals,group,organizations) and non-participants

**Evaluation Results**

{No Data Entered}

**Key Items of Evaluation**

{No Data Entered}



**Program #10**

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

**1. Name of the Planned Program**

Forestry and Wildlife

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

**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
112	Watershed Protection and Management	10%		10%	
123	Management and Sustainability of Forest Resources	20%		20%	
124	Urban Forestry	5%		5%	
125	Agroforestry	10%		10%	
134	Outdoor Recreation	5%		5%	
135	Aquatic and Terrestrial Wildlife	20%		20%	
136	Conservation of Biological Diversity	20%		20%	
724	Healthy Lifestyle	10%		10%	
	<b>Total</b>	<b>100%</b>		<b>100%</b>	

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	3.1	0.0	0.2	0.0
<b>Actual</b>	2.5	0.0	0.1	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
85714	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
392539	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
65781	0	0	0

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

**1. Brief description of the Activity**

•Annual Maple Schools •Forestry and Wildlife Program Support and Networking •Habitat Education for the Settled Landscape •Habitat Stewards Program •Habitats Fact Sheet Series and PowerPoint Presentations •Maple Grading School •Non-timber Forest Products •Other Forestry and Wildlife Programs and Activities •Sawmill Operations and Technology - Clinic •Sawmill Operations and Technology- Cooperative /Collaborative Effort •Sawmill Operations and Technology-Course •Sawmill Operations and Technology-Publication •Wood Measurement

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

- Business Owners - current (Adult) •Community Members (Adult) •Employees (Adult) •Extension Faculty (Adult)
- Forestland Managers (Adult) •Forestland Owner - 2 to 10 acres (Adult) •Forestland Owner - Non-Industrial (Adult)
- General Public (Adult) •Habitat Stewards (Adult) •Habitat Stewards (Youth)
- Homeowners - up to 2 acres (Adult) •Master Gardener Trainees (Adult) •Natural Resource Professional (Adult)
- Policy Makers (Adult) •Student (Adult)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	5461	120186	80	0
2007	26037	36000	7	0

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

**Patent Applications Submitted**

Year	Target
Plan:	0
2007 :	0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	Extension	Research	Total
Plan			
2007	2	0	0

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

**Output Target**

**Output #1****Output Measure**

- Direct - Collaborative or Cooperative Effort

Year	Target	Actual
2007	1	138

**Output #2****Output Measure**

- Direct - Clinic

Year	Target	Actual
2007	4	0

**Output #3****Output Measure**

- Direct - Applied Research

Year	Target	Actual
2007	1	0

**Output #4****Output Measure**

- Direct - Conference or symposium

Year	Target	Actual
2007	25	1

**Output #5****Output Measure**

- Direct - Consultation

Year	Target	Actual
2007	30	43

**Output #6****Output Measure**

- Direct - Course

Year	Target	Actual
2007	1	2

**Output #7****Output Measure**

- Direct - Group Presentation

Year	Target	Actual
2007	10	28

**Output #8****Output Measure**

- Direct - Public Presentation

Year	Target	Actual
2007	12	3

**Output #9****Output Measure**

- Direct - Train-the-Trainer

Year	Target	Actual
2007	1	88

**Output #10****Output Measure**

- Direct - Workshop - single session

Year	Target	Actual
2007	100	461

**Output #11****Output Measure**

- Indirect - Publication

Year	Target	Actual
2007	5	1

**Output #12**

**Output Measure**

- Indirect - Publication - fact sheet

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	3	4

## V(G). State Defined Outcomes

## V. State Defined Outcomes Table of Content

O No.	OUTCOME NAME
1	Demonstrate appreciation of wildlife in home landscape
2	Demonstrate how to evaluate the credibility of scientific information
3	Demonstrate how to evaluate the potential of new and non-traditional crops and varieties for profitable production in Maine
4	Demonstrate how to locate information in multiple ways
5	Demonstrate how to test new production techniques
6	Demonstrate observation skills
7	Demonstrate project-related science or technology skills
8	Demonstrate sustainable living principles and practices
9	Describe an improved quality of life
10	Describe forest ecosystem processes
11	Describe freshwater ecosystem processes
12	Describe management strategies for forest ecosystems
13	Describe management strategies for freshwater ecosystems
14	Describe practices that improve efficiency, reduce inputs, or increase profitability
15	Describe principles of wildlife habitat management
16	Describe wildlife habitat components
17	Describe wildlife survival needs
18	Adopt appropriate practices
19	Adopt appropriate technologies
20	Conduct community service or outreach
21	Improve cover or shelter for wildlife
22	Improve food availability for wildlife
23	Improve water availability for wildlife
24	Increase purchase of Maine products
25	Increase use of Maine-produced natural resources
26	Make better decision regarding natural resource management
27	Make better decisions using science and technology skills
28	Protect or conserve biodiversity and habitat including native plant and animal species
29	Reduce pesticide use
30	Start viable alternative enterprises based on sustainable use of natural resources (forest, marine, agriculture)
31	Use relevant UMCE web-based resources
32	Use services of natural resource professionals
33	Enhance the economic and environmental sustainability of Maine agriculture and aquaculture.
34	Increase the economic and social viability and sustainability of Maine communities.
35	Protect and enhance Maine's natural resources and environment through sustainable stewardship.
36	Acres managed as wildlife habitat
37	Adopt new crop
38	Develop a marketing plan
39	Develop marketing tools
40	Grow trialed plants
41	Test new production techniques

42	Use new technologies
43	Access relevant UMaine Extension web-based resources
44	Demonstrate basic business management skills
45	Demonstrate how to analyze records for decision making
46	Evaluate the potential of new and non-traditional crops and varieties for profitable production in Maine
47	Demonstrate how to locate Extension web-based resources
48	Acres managed as wildlife habitat Protect or conserve biodiversity and habitat including native plant and animal species Make better decision regarding natural resource management Adopt appropriate practices Improve cover or shelter for wildlife Improve food availability for wildlife Improve water availability for wildlife Increase use of Maine-produced natural resources Make better decisions using science and technology skills
49	Test new production techniques Use new technologies Start viable alternative enterprises based on sustainable use of natural resources (forest, marine, agriculture) Increase use of Maine-produced natural resources Increase purchase of Maine products Use services of natural resource professionals

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

Demonstrate appreciation of wildlife in home landscape

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	120	34

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
136	Conservation of Biological Diversity
123	Management and Sustainability of Forest Resources
135	Aquatic and Terrestrial Wildlife

**Outcome #2****1. Outcome Measures**

Demonstrate how to evaluate the credibility of scientific information

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	0

**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>
136	Conservation of Biological Diversity
112	Watershed Protection and Management
123	Management and Sustainability of Forest Resources
124	Urban Forestry

**Outcome #3****1. Outcome Measures**

Demonstrate how to evaluate the potential of new and non-traditional crops and varieties for profitable production in Maine

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	20	85

**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>
123	Management and Sustainability of Forest Resources
136	Conservation of Biological Diversity

**Outcome #4****1. Outcome Measures**

Demonstrate how to locate information in multiple ways

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	100	0

**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>
123	Management and Sustainability of Forest Resources
125	Agroforestry
136	Conservation of Biological Diversity
724	Healthy Lifestyle
135	Aquatic and Terrestrial Wildlife
134	Outdoor Recreation
112	Watershed Protection and Management
124	Urban Forestry

**Outcome #5****1. Outcome Measures**

Demonstrate how to test new production techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	10	12

**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>
112	Watershed Protection and Management
123	Management and Sustainability of Forest Resources
125	Agroforestry
136	Conservation of Biological Diversity

**Outcome #6****1. Outcome Measures**

Demonstrate observation skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	120	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
123	Management and Sustainability of Forest Resources
136	Conservation of Biological Diversity
112	Watershed Protection and Management

**Outcome #7**

**1. Outcome Measures**

Demonstrate project-related science or technology skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	104

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
125	Agroforestry
136	Conservation of Biological Diversity
123	Management and Sustainability of Forest Resources

112	Watershed Protection and Management
124	Urban Forestry
135	Aquatic and Terrestrial Wildlife

**Outcome #8**

**1. Outcome Measures**

Demonstrate sustainable living principles and practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	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
112	Watershed Protection and Management
123	Management and Sustainability of Forest Resources

**Outcome #9**

**1. Outcome Measures**

Describe an improved quality of life

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	120	31

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

**Issue (Who cares and Why)**

**What has been done**

## Results

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
724	Healthy Lifestyle
112	Watershed Protection and Management
134	Outdoor Recreation
136	Conservation of Biological Diversity

### Outcome #10

#### 1. Outcome Measures

Describe forest ecosystem processes

#### 2. Associated Institution Types

•1862 Extension

#### 3a. Outcome Type:

Change in Knowledge Outcome Measure

#### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	20	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
125	Agroforestry
123	Management and Sustainability of Forest Resources
124	Urban Forestry

### Outcome #11

#### 1. Outcome Measures

Describe freshwater ecosystem processes

#### 2. Associated Institution Types

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	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
112	Watershed Protection and Management

**Outcome #12**

**1. Outcome Measures**  
Describe management strategies for forest ecosystems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	570	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
125	Agroforestry
123	Management and Sustainability of Forest Resources

**Outcome #13**

**1. Outcome Measures**  
Describe management strategies for freshwater ecosystems

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	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
112	Watershed Protection and Management
135	Aquatic and Terrestrial Wildlife

**Outcome #14****1. Outcome Measures**

Describe practices that improve efficiency, reduce inputs, or increase profitability

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	107

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
123	Management and Sustainability of Forest Resources
125	Agroforestry

**Outcome #15****1. Outcome Measures**

Describe principles of wildlife habitat management

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	360	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
136	Conservation of Biological Diversity
123	Management and Sustainability of Forest Resources

**Outcome #16****1. Outcome Measures**

Describe wildlife habitat components

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	240	57

**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>
123	Management and Sustainability of Forest Resources
135	Aquatic and Terrestrial Wildlife
136	Conservation of Biological Diversity
125	Agroforestry

**Outcome #17****1. Outcome Measures**

Describe wildlife survival needs

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	240	0

**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>
112	Watershed Protection and Management
123	Management and Sustainability of Forest Resources
136	Conservation of Biological Diversity
135	Aquatic and Terrestrial Wildlife

**Outcome #18****1. Outcome Measures**

Adopt appropriate practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	220	1127

**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>
724	Healthy Lifestyle
112	Watershed Protection and Management
123	Management and Sustainability of Forest Resources
136	Conservation of Biological Diversity

**Outcome #19****1. Outcome Measures**

Adopt appropriate technologies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	50	106

**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>
112	Watershed Protection and Management
136	Conservation of Biological Diversity
123	Management and Sustainability of Forest Resources

**Outcome #20****1. Outcome Measures**

Conduct community service or outreach

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	2093

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
136	Conservation of Biological Diversity
123	Management and Sustainability of Forest Resources
724	Healthy Lifestyle

**Outcome #21**

**1. Outcome Measures**

Improve cover or shelter for wildlife

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	150	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
135	Aquatic and Terrestrial Wildlife
136	Conservation of Biological Diversity

**Outcome #22**

**1. Outcome Measures**

Improve food availability for wildlife

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	150	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
136	Conservation of Biological Diversity
135	Aquatic and Terrestrial Wildlife

**Outcome #23****1. Outcome Measures**

Improve water availability for wildlife

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	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
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112	Watershed Protection and Management
135	Aquatic and Terrestrial Wildlife
136	Conservation of Biological Diversity

**Outcome #24****1. Outcome Measures**

Increase purchase of Maine products

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	100

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
125	Agroforestry
123	Management and Sustainability of Forest Resources

**Outcome #25****1. Outcome Measures**

Increase use of Maine-produced natural resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	0

**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>
123	Management and Sustainability of Forest Resources

**Outcome #26****1. Outcome Measures**

Make better decision regarding natural resource management

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	140	11

**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>
112	Watershed Protection and Management
123	Management and Sustainability of Forest Resources
136	Conservation of Biological Diversity
125	Agroforestry

**Outcome #27****1. Outcome Measures**

Make better decisions using science and technology skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	100	80

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
123	Management and Sustainability of Forest Resources
112	Watershed Protection and Management
136	Conservation of Biological Diversity

**Outcome #28**

**1. Outcome Measures**

Protect or conserve biodiversity and habitat including native plant and animal species

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	120	17

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
125	Agroforestry
123	Management and Sustainability of Forest Resources
135	Aquatic and Terrestrial Wildlife
136	Conservation of Biological Diversity

**Outcome #29**

**1. Outcome Measures**

Reduce pesticide use

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	150	2

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
125	Agroforestry
123	Management and Sustainability of Forest Resources
112	Watershed Protection and Management
136	Conservation of Biological Diversity

**Outcome #30****1. Outcome Measures**

Start viable alternative enterprises based on sustainable use of natural resources (forest, marine, agriculture)

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	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
123	Management and Sustainability of Forest Resources
136	Conservation of Biological Diversity
112	Watershed Protection and Management

**Outcome #31****1. Outcome Measures**

Use relevant UMCE web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	610	37825

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
125	Agroforestry
124	Urban Forestry
123	Management and Sustainability of Forest Resources
135	Aquatic and Terrestrial Wildlife
134	Outdoor Recreation
724	Healthy Lifestyle
112	Watershed Protection and Management
136	Conservation of Biological Diversity

**Outcome #32****1. Outcome Measures**

Use services of natural resource professionals

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	240	101

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done**



## Results

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
135	Aquatic and Terrestrial Wildlife
124	Urban Forestry
112	Watershed Protection and Management
136	Conservation of Biological Diversity
123	Management and Sustainability of Forest Resources
724	Healthy Lifestyle
125	Agroforestry
134	Outdoor Recreation

### Outcome #33

#### 1. Outcome Measures

Enhance the economic and environmental sustainability of Maine agriculture and aquaculture.

#### 2. Associated Institution Types

•1862 Extension

#### 3a. Outcome Type:

Change in Condition Outcome Measure

#### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	0	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
123	Management and Sustainability of Forest Resources
136	Conservation of Biological Diversity
124	Urban Forestry
135	Aquatic and Terrestrial Wildlife

### Outcome #34

#### 1. Outcome Measures

Increase the economic and social viability and sustainability of Maine communities.

#### 2. Associated Institution Types

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
123	Management and Sustainability of Forest Resources
136	Conservation of Biological Diversity
112	Watershed Protection and Management
134	Outdoor Recreation

**Outcome #35**

**1. Outcome Measures**

Protect and enhance Maine's natural resources and environment through sustainable stewardship.

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
125	Agroforestry
123	Management and Sustainability of Forest Resources
136	Conservation of Biological Diversity
112	Watershed Protection and Management

**Outcome #36**

**1. Outcome Measures**

Acres managed as wildlife habitat

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	118

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
123	Management and Sustainability of Forest Resources
112	Watershed Protection and Management
135	Aquatic and Terrestrial Wildlife
125	Agroforestry

**Outcome #37**

**1. Outcome Measures**

Adopt new crop

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	228

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
125	Agroforestry
123	Management and Sustainability of Forest Resources
136	Conservation of Biological Diversity

**Outcome #38**

**1. Outcome Measures**

Develop a marketing plan

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	45

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
136	Conservation of Biological Diversity
112	Watershed Protection and Management
134	Outdoor Recreation
123	Management and Sustainability of Forest Resources

**Outcome #39**

**1. Outcome Measures**

Develop marketing tools

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	35

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

**Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
123	Management and Sustainability of Forest Resources
136	Conservation of Biological Diversity
134	Outdoor Recreation
112	Watershed Protection and Management

**Outcome #40****1. Outcome Measures**

Grow trialed plants

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	8

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
125	Agroforestry
136	Conservation of Biological Diversity
123	Management and Sustainability of Forest Resources

**Outcome #41****1. Outcome Measures**

Test new production techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	47

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
123	Management and Sustainability of Forest Resources
125	Agroforestry

**Outcome #42**

**1. Outcome Measures**

Use new technologies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	671

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
125	Agroforestry
123	Management and Sustainability of Forest Resources

**Outcome #43**

**1. Outcome Measures**

Access relevant UMaine Extension web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	86972

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
136	Conservation of Biological Diversity
135	Aquatic and Terrestrial Wildlife
134	Outdoor Recreation
123	Management and Sustainability of Forest Resources
124	Urban Forestry
724	Healthy Lifestyle
125	Agroforestry
112	Watershed Protection and Management

**Outcome #44**

**1. Outcome Measures**

Demonstrate basic business management skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	20

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

**Issue (Who cares and Why)**

**What has been done**

## Results

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
134	Outdoor Recreation
125	Agroforestry
123	Management and Sustainability of Forest Resources

### Outcome #45

#### 1. Outcome Measures

Demonstrate how to analyze records for decision making

#### 2. Associated Institution Types

•1862 Extension

#### 3a. Outcome Type:

Change in Knowledge Outcome Measure

#### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	{No Data Entered}	37

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

Issue (Who cares and Why)

What has been done

## Results

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
136	Conservation of Biological Diversity
123	Management and Sustainability of Forest Resources
112	Watershed Protection and Management

### Outcome #46

#### 1. Outcome Measures

Evaluate the potential of new and non-traditional crops and varieties for profitable production in Maine

#### 2. Associated Institution Types

•1862 Extension



**3a. Outcome Type:**  
Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	18

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
123	Management and Sustainability of Forest Resources
125	Agroforestry
136	Conservation of Biological Diversity

**Outcome #47**

**1. Outcome Measures**

Demonstrate how to locate Extension web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	178

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
123	Management and Sustainability of Forest Resources
135	Aquatic and Terrestrial Wildlife
124	Urban Forestry
134	Outdoor Recreation
125	Agroforestry
724	Healthy Lifestyle

112	Watershed Protection and Management
136	Conservation of Biological Diversity

**Outcome #48****1. Outcome Measures**

Acres managed as wildlife habitat Protect or conserve biodiversity and habitat including native plant and animal species Make better decision regarding natural resource management Adopt appropriate practices Improve cover or shelter for wildlife Improve food availability for wildlife Improve water availability for wildlife Increase use of Maine-produced natural resources Make better decisions using science and technology skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	0

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)**

Habitat Stewards: As Maines forests and former agricultural lands are increasingly developed for housing and business uses, their ecological values are largely lost. Lawns dominate and invasive exotic plant species thrive. Water and air quality suffer, soil erosion increases, wildlife presence lessens, and peoples experience of nature is limited to vacation excursions.

**What has been done**

Our wildlife habitat education programs aim to restore the settled landscape to ecological productivity and reverse negative trends. Fact sheets, consultations, and workshops guide people to manage their landscapes differently. Since 2003, our volunteers have expanded outreach in southern Maine, the most populated and developing area of the state. Habitat Stewards™ is a program of the National Wildlife Federation® and, in Maine, is a joint effort with UMaine Extension.

**Results**

More than 170 recent participants have reported that they are managing 3,865 acres as wildlife habitat as a result of Extension programs. Improved management practices include using native Maine plant species and removing exotic invasive plant species, planting species for native pollinators, decreasing or eliminating the use of pesticides, planting fruit-bearing shrubs and evergreens, and retaining snags and down woody material. Program graduates have offered their knowledge as volunteers within their communities, working more than 700 hours during 2007 to improve ecological productivity.

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
124	Urban Forestry
123	Management and Sustainability of Forest Resources
134	Outdoor Recreation
136	Conservation of Biological Diversity

**Outcome #49****1. Outcome Measures**

Test new production techniques Use new technologies Start viable alternative enterprises based on sustainable use of natural resources (forest, marine, agriculture) Increase use of Maine-produced natural resources Increase purchase of Maine products Use services of natural resource professionals

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	0

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)**

Maple Syrup Value-added Products: Maple syrup production in Maine has increased by nearly 50 percent in the last decade. Maine ranks second in syrup production nationally and has the largest producing county in the nation. Ninety-five percent is sold as bulk syrup, two percent is sold wholesale by the gallon, and three percent is sold direct to consumers. Since bulk syrup is the least profitable product, profits could be maximized by converting a portion of the crop to value-added products, such as maple candy and maple cream.

**What has been done**

UMaine Extension, the UMaine Department of Food Science and Human Nutrition, and the Maine Maple Producers Association partnered in a research project to determine the acceptability of maple value-added products to consumers and the subsequent development of a maple value-added products school to help Maine producers maximize profits. The work was partially funded by a Maine Department of Agriculture, Food and Rural Resources development grant.

**Results**

During 2007, 12 maple producers from Maine and New Hampshire participated in a multi-day workshop that included lessons in sugar chemistry, product development, production techniques, testing processes, food safety, and product evaluation. All participants plan to incorporate these new techniques into their production during the 2008 spring season, increasing their profit potential by approximately 440 percent for the portion of their crop that they dedicate to producing and selling value-added products.

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
125	Agroforestry
123	Management and Sustainability of Forest Resources
124	Urban Forestry

**V(H). Planned Program (External Factors)****External factors which affected outcomes**

- Economy
- Public Policy changes
- Government Regulations
- Competing Public priorities

**Brief Explanation**

The realities of global climate change and human population growth have influenced a shift from educational programs that focus narrowly on traditional natural resources base issues toward a more integrated approach. This integrated approach is increasingly being called Sustainable Living Education. Changing demographics, forest fragmentation, sprawl, and the increased awareness of the link between human health and ecosystem health supports and fuels this shifting in focus.

**V(I). Planned Program (Evaluation Studies and Data Collection)****1. Evaluation Studies Planned**

- Retrospective (post program)
- Before-After (before and after program)
- Comparisons between program participants (individuals,group,organizations) and non-participants
- Comparisons between different groups of individuals or program participants experiencing different levels of program intensity.

**Evaluation Results**

{No Data Entered}

**Key Items of Evaluation**

{No Data Entered}

**Program #11**

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

**1. Name of the Planned Program**

Health Literacy, Disease, and Our Health Care System

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

**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
802	Human Development and Family Well-Being	20%			
803	Sociological and Technological Change Affecting Individuals, Families and Communities	15%			
805	Community Institutions, Health, and Social Services	65%			
	<b>Total</b>	100%			

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	0.8	0.0	0.1	0.0
<b>Actual</b>	0.5	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
15664	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
35898	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
31354	0	0	0

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

**1. Brief description of the Activity**

•Senior Companion Program Training    •Applied Research - Senior Training and Technical Assistance

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

•Community Leaders (Adult)    •Community Members (Adult)    •Senior Companion Program Clients (Adult)  
 •Senior Companion Program Volunteers (Adult)

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

**1. Standard output measures**

Target for the number of persons (contacts) reached through direct and indirect contact methods

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	257	0	0	0
2007	903	12	0	0

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

**Patent Applications Submitted**

Year	Target
Plan:	0
2007 :	0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	Extension	Research	Total
Plan			
2007	0	0	0

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

**Output Target**

**Output #1**

**Output Measure**

- Direct - Applied Research

Year	Target	Actual
2007	0	1

**Output #2**

**Output Measure**

- Direct - Collaborative or Cooperative Effort

Year	Target	Actual
2007	1	0

**Output #3**

**Output Measure**

- Direct - Volunteer Training

Year	Target	Actual
2007	50	115

**Output #4**

**Output Measure**

- Indirect - Applied Research

Year	Target	Actual
2007	{No Data Entered}	1

**V(G). State Defined Outcomes****V. State Defined Outcomes Table of Content**

O No.	OUTCOME NAME
1	Create a Community Vision Statement.
2	Demonstrate age-appropriate relationship skills
3	Demonstrate how to conduct community needs assessment
4	Demonstrate improved communication skills
5	Describe home modifications that can be made to promote independent living
6	Adopt effective communication skills
7	Develop relationships that support independent living
8	Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness.
9	Increase the economic and social viability and sustainability of Maine communities.
10	Develop a shared vision for the future
11	Inventory community assets
12	Teach each other to take leadership and facilitation roles
13	Use a collaborative process or approach
14	Demonstrate appreciation of diversity
15	Demonstrate how to create educational situations that honor all learning styles

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

Create a Community Vision Statement.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services

**Outcome #2****1. Outcome Measures**

Demonstrate age-appropriate relationship skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	75	476

**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

**Outcome #3****1. Outcome Measures**

Demonstrate how to conduct community needs assessment

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	0	0

**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>
805	Community Institutions, Health, and Social Services
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #4****1. Outcome Measures**

Demonstrate improved communication skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	75	1588

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #5**

**1. Outcome Measures**

Describe home modifications that can be made to promote independent living

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	75	81

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #6**

**1. Outcome Measures**

Adopt effective communication skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	75	169

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #7**

**1. Outcome Measures**

Develop relationships that support independent living

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	75	81

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #8**

**1. Outcome Measures**

Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
802	Human Development and Family Well-Being

**Outcome #9**

**1. Outcome Measures**

Increase the economic and social viability and sustainability of Maine communities.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
805	Community Institutions, Health, and Social Services
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #10**

**1. Outcome Measures**

Develop a shared vision for the future

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	77

**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
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #11**

**1. Outcome Measures**

Inventory community assets

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	13

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services

**Outcome #12**

**1. Outcome Measures**

Teach each other to take leadership and facilitation roles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	158

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services

**Outcome #13**

**1. Outcome Measures**

Use a collaborative process or approach

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	43

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services

**Outcome #14**

**1. Outcome Measures**

Demonstrate appreciation of diversity

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	537

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #15**

**1. Outcome Measures**

Demonstrate how to create educational situations that honor all learning styles

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	38

**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

**V(H). Planned Program (External Factors)****External factors which affected outcomes**

- Economy
- Public Policy changes
- Government Regulations
- Competing Programmatic Challenges
- Other (Sabbatical Leave)

**Brief Explanation**

During 2007 a key faculty member whose traditional focus is in the area of aging was on academic sabbatical leave.

**V(I). Planned Program (Evaluation Studies and Data Collection)****1. Evaluation Studies Planned**

- Retrospective (post program)
- Before-After (before and after program)
- During (during program)

**Evaluation Results**

{No Data Entered}

**Key Items of Evaluation**

{No Data Entered}



**Program #12**

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

**1. Name of the Planned Program**

Healthy Lifestyles

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

**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
703	Nutrition Education and Behavior	50%		50%	
724	Healthy Lifestyle	10%		10%	
801	Individual and Family Resource Management	10%		10%	
802	Human Development and Family Well-Being	20%		20%	
803	Sociological and Technological Change Affecting Individuals, Families and Communities	10%		10%	
<b>Total</b>		<b>100%</b>		<b>100%</b>	

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	7.8	0.0	0.7	0.0
<b>Actual</b>	10.8	0.0	0.2	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
295221	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
666160	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
810524	0	0	0

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

**1. Brief description of the Activity**

•Direct - Group Presentation •3-5 I'm in charge •4-H Animal Clinics and Fairs •4-H Out of School Programs •4-H Statewide Special Events (Maine 4-H Days, Maine EDGE conference, Teen Conferences) •Babysitter's Training •Body Image and Dieting in Youth •Build and sustain collaborative relationships with other community organizations with whom PATT collaborates •Building the Capacity of Parenting Educators •Building the Capacity of Senior Companion Program Aides •Bullying Prevention •Consultations - Health Issues •Developing Skills for Diverse Learning Abilities •Diabetes: Eating Matters •Dietary Guidelines for Americans, 2005 and MyPyramid Food Guidance System Presentations •Dietary Guidelines for Americans, 2005 and MyPyramid Food Guidance System Publications •Educational Opportunities for All Learning Styles •Effective Partnerships •EFNEP Food Resource Management •EFNEP Nutrition Practices •Extension Homemakers •Farm Safety Training •Food Safety and Nutrition Workshops, Newsletters, Consultations •Food Safety and Preservation Workshop •Food Safety Public Presentations •Gender Project- Media Literacy Workshops •Health and Nutrition (Display or Exhibit) •Health and Nutrition (Group Presentation) •Health and Nutrition (Train the trainer) •Health and Nutrition (Workshops) •Healthy Eating Sessions •Healthy Lifestyles Public Presentation •Home Visits With New Parents •Keeping Healthy Records •Maine Family Nutrition Program Food Resource Management •Maine Family Nutrition Program Nutrition Practices •Nutrition Workshops - MyPyramid •Parenting Education in Knox and Waldo Counties •Professional Development for Home Visitors •Provide healthy lifestyles training to new parent educators in the Parents Are Teachers Too model •Senior Companion Program •Summer Youth Day Camp •The Heart Truth Campaign: Serious Messages about Women and Heart Disease •Tractor Safety Training •Wellness Matters and Nutrition Notions newsletter •Wellness Matters: Including Dietary Guidelines for Americans and MyPyramid •Wellness Sessions

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

•4-H Community or Project Clubs Participants (Youth) •4-H Leaders (Adult) •4-H Members (Youth) •4-H Special Interest or Short-Term Program Participants (Youth) •4-H Volunteers (Adult) •Agency Staff or Professionals (Adult) •Agricultural Producers (Adult) •Care Providers for Children (Adult) •Care Providers for Seniors or Elders (Adult) •Coalition Members (Adult) •Community Leaders (Adult) •Community Members (Adult) •Community Organization Members or Staff (Adult) •Consumers (Adult) •Consumers (Youth) •Day Camp Participants (Youth) •Employees (Adult) •Extension - all staff (Adult) •Extension Faculty (Adult) •Extension Homemakers (Adult) •Extension Professionals (Adult) •Farmers (Adult) •Food Stamp Recipients (Adult) •Food Stamp Youth (Youth) •General Public (Adult) •General Public (Youth) •Grandparents (Adult) •Health Care Providers (Adult) •Limited Income Public (Adult) •Limited Income Public (Youth) •Municipal Officials (Adult) •Native Americans (Youth) •Nutrition Aides (Adult) •Parent Educators (Adult) •Parents (Adult) •Prenatal Families (Adult) •Prenatal Families (Youth) •Senior Companion Program Clients (Adult) •Senior Companion Program Staff (Adult) •Senior Companion Program Volunteers (Adult) •Social Service Providers (Adult) •Student (Adult) •Students (Youth) •Teachers (Adult) •Volunteers (Adult) •Youth (Youth) •Youth Educators (Adult)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	<b>Direct Contacts Adults</b>	<b>Indirect Contacts Adults</b>	<b>Direct Contacts Youth</b>	<b>Indirect Contacts Youth</b>
<b>Year</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>
<b>Plan</b>	10154	28150	5640	50
2007	9264	11693	23009	2141

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

**Patent Applications Submitted**

<b>Year</b>	<b>Target</b>
<b>Plan:</b>	0
2007 :	0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	<b>Extension</b>	<b>Research</b>	<b>Total</b>
<b>Plan</b>			
2007	0	0	0

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

**Output Target**

**Output #1****Output Measure**

- Direct - 4-H Day Camp

Year	Target	Actual
2007	15	4

**Output #2****Output Measure**

- Direct - 4-H School Enrichment

Year	Target	Actual
2007	2	5

**Output #3****Output Measure**

- Direct - Collaborative or Cooperative Effort

Year	Target	Actual
2007	10000	122

**Output #4****Output Measure**

- Direct - Consultation

Year	Target	Actual
2007	8400	23755

**Output #5****Output Measure**

- Direct - Course

Year	Target	Actual
2007	15	3

**Output #6****Output Measure**

- Direct - Group Presentation

Year	Target	Actual
2007	15	59

**Output #7****Output Measure**

- Direct - Public Presentation

Year	Target	Actual
2007	40	29

**Output #8****Output Measure**

- Direct - Train-the-Trainer

Year	Target	Actual
2007	15	27

**Output #9****Output Measure**

- Direct - Workshop - series

Year	Target	Actual
2007	30	1279

**Output #10****Output Measure**

- Direct - Workshop - single session

Year	Target	Actual
2007	25	51

**Output #11****Output Measure**

- Indirect - Display or Exhibit

Year	Target	Actual
2007	2	3

**Output #12****Output Measure**

- Indirect - Publication - fact sheet

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	2	0

**Output #13****Output Measure**

- Indirect - Publication - newsletter

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	16	24

**Output #14****Output Measure**

- Direct - 4-H After School

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	{No Data Entered}	4

**Output #15****Output Measure**

- Direct - 4-H Club - Project

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	{No Data Entered}	14

**Output #16****Output Measure**

- Direct - 4-H Overnight Camp

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	{No Data Entered}	4

**Output #17****Output Measure**

- Indirect - Publication - refereed journal article

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	{No Data Entered}	3

## V(G). State Defined Outcomes

## V. State Defined Outcomes Table of Content

O No.	OUTCOME NAME
1	Develop literacy and critical thinking skills
2	Develop skills that promote healthy relationships
3	Distribute nutrition education materials and promotional information about the Maine Family Nutrition Program
4	Express good feeling about self
5	Handle animals safely
6	Integrate regular physical activity into daily life
7	Keep accurate records
8	Make better decisions
9	Make better decisions regarding health and health care
10	Make better decisions regarding healthy lifestyle
11	Make better decisions regarding healthy lifestyle using improved literacy and critical thinking skills
12	Manage family resources in alignment with goals
13	Model positive group behavior to others
14	Practice safety
15	Provide learning opportunities for groups or organizations
16	Provide training and technical assistance in analyzing and assessing community health issues and policies
17	Reduce or eliminate gender stereotyping
18	Teach others to take leadership and facilitation roles
19	Treat all people with dignity and respect
20	Use relevant UMCE web-based resources
21	Enhance the economic and environmental sustainability of Maine agriculture and aquaculture.
22	Enhance the safety, sustainability, and dependability of Maine's food supply
23	Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness.
24	Increase the economic and social viability and sustainability of Maine communities.
25	Demonstrate age-appropriate preventive health practices
26	Demonstrate animal handling practices
27	Demonstrate appreciation of diversity
28	Demonstrate appropriate food safety practices
29	Demonstrate healthy lifestyle practices
30	Demonstrate how to access community resources
31	Demonstrate how to allocate scarce or limited resources
32	Demonstrate how to care for and nurture others
33	Demonstrate how to confront disrespectful behavior
34	Demonstrate how to create new media that promotes positive human development
35	Demonstrate how to create safe spaces
36	Demonstrate how to critically discern the impacts of media
37	Demonstrate how to feed animals with production and economy in mind
38	Demonstrate how to grow fruits and vegetables
39	Demonstrate how to keep good records
40	Demonstrate how to make informed financial decisions
41	Demonstrate how to prevent bullying behavior

- |    |   |
|----|---|
| 42 | Demonstrate how to respect others   |
| 43 | Demonstrate how to support development of whole people  |
| 44 | Demonstrate how to use the "train-the-trainer" model  |
| 45 | Demonstrate how to use the USDA dietary guidelines and Food Guide pyramid to plan menus or choose foods |
| 46 | Demonstrate safe behavior and safety practices  |
| 47 | Describe USDA approved food preservation methods  |
| 48 | Describe age-appropriate safety practices   |
| 49 | Describe gender stereotypes and their effects   |
| 50 | Describe healthy lifestyle choices  |
| 51 | Describe how personal behaviors influence the risk of chronic disease                                   |
| 52 | Describe how to integrate regular physical activity into daily lives                                    |
| 53 | Describe proper food handling practices   |
| 54 | Describe the benefits of physical activity  |
| 55 | Describe the impact of cultural and media messages  |
| 56 | Describe the risks of not handling food safely  |
| 57 | Describe the value of community involvement and civic participation                                     |
| 58 | Describe the value of consuming locally-produced food   |
| 59 | Describe ways to observe, explore, and experience nature  |
| 60 | Adopt behaviors to prevent or minimize complications of chronic disease                                 |
| 61 | Adopt food safety practices   |
| 62 | Adopt record-keeping system   |
| 63 | Adopt the USDA dietary guidelines and the food guide pyramid  |
| 64 | Assume personal responsibility for health   |
| 65 | Conduct community-based education that encourages healthy individual and family behaviors               |
| 66 | Confront disrespectful behaviors  |
| 67 | Create learning opportunities based on principles of positive human development                         |
| 68 | Adopt effective communication skills  |
| 69 | Avoid consumer fraud and financial exploitation   |
| 70 | Collect information and communicate results   |
| 71 | Conduct community service or outreach   |
| 72 | Conduct educational activities through cooperative or collaborative effort                              |
| 73 | Create and sustain effective partnerships and collaborations  |
| 74 | Develop and apply policies or practices that create safe, healthy psychological environments            |
| 75 | Develop educational programs that address health and safety issues                                      |
| 76 | Develop relationships that support independent living   |
| 77 | Engage positively in their community  |
| 78 | Ensure that all people feel safe and accepted   |
| 79 | Increase capacity to establish goals or make decisions  |
| 80 | Use a collaborative process or approach   |
| 81 | Use clear and effective communication skills  |
| 82 | Use new technologies  |
| 83 | Work productively in a team   |
| 84 | Demonstrate age-appropriate relationship skills   |
| 85 | Demonstrate group process skills  |
| 86 | Demonstrate healthy lifestyle choices   |
| 87 | Demonstrate how to address local health and healthcare concerns   |
| 88 | Demonstrate how to assess community health concerns   |
| 89 | Demonstrate how to create educational situations that honor all learning styles                         |

90	Demonstrate how to create effective partnerships
91	Demonstrate how to critically evaluate the effectiveness of existing policies or practices
92	Demonstrate how to develop a budget to meet financial goals
93	Demonstrate how to encourage others to make healthy lifestyle choices
94	Demonstrate how to expand health-related resources for people and communities
95	Demonstrate how to operate farm equipment safely
96	Demonstrate how to use technology
97	Demonstrate improved communication skills
98	Demonstrate planning and organizational skills
99	Demonstrate project-related science or technology skills
100	Demonstrate public speaking skills
101	Describe age-appropriate preventive health practices
102	Describe careers in science and technology
103	Describe community resources
104	Describe group facilitation techniques
105	Describe home modifications that can be made to promote independent living
106	Describe how to integrate regular physical activity into daily lives in a variety of ways
107	Describe sustainable living principles and practices
108	Describe the value of water resources, riparian areas, and ecosystems



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

Develop literacy and critical thinking skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	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
802	Human Development and Family Well-Being

**Outcome #2****1. Outcome Measures**

Develop skills that promote healthy relationships

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	150	557

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
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703	Nutrition Education and Behavior
802	Human Development and Family Well-Being
724	Healthy Lifestyle

**Outcome #3****1. Outcome Measures**

Distribute nutrition education materials and promotional information about the Maine Family Nutrition Program

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10000	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
801	Individual and Family Resource Management
802	Human Development and Family Well-Being
703	Nutrition Education and Behavior

**Outcome #4****1. Outcome Measures**

Express good feeling about self

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	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
724	Healthy Lifestyle
802	Human Development and Family Well-Being

### Outcome #5

#### 1. Outcome Measures

Handle animals safely

#### 2. Associated Institution Types

•1862 Extension

#### 3a. Outcome Type:

Change in Action Outcome Measure

#### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	75	641

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

Issue (Who cares and Why)

What has been done

## Results

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
724	Healthy Lifestyle
801	Individual and Family Resource Management
703	Nutrition Education and Behavior

### Outcome #6

#### 1. Outcome Measures

Integrate regular physical activity into daily life

#### 2. Associated Institution Types

•1862 Extension

#### 3a. Outcome Type:

Change in Action Outcome Measure

#### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	2605	290

#### 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
724	Healthy Lifestyle

**Outcome #7****1. Outcome Measures**

Keep accurate records

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	145	15

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

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

**Outcome #8****1. Outcome Measures**

Make better decisions

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	300	65

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
703	Nutrition Education and Behavior
801	Individual and Family Resource Management
724	Healthy Lifestyle
802	Human Development and Family Well-Being

**Outcome #9****1. Outcome Measures**

Make better decisions regarding health and health care

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	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
724	Healthy Lifestyle
802	Human Development and Family Well-Being

**Outcome #10**

**1. Outcome Measures**

Make better decisions regarding healthy lifestyle

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	2495	6812

**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
703	Nutrition Education and Behavior
724	Healthy Lifestyle

**Outcome #11****1. Outcome Measures**

Make better decisions regarding healthy lifestyle using improved literacy and critical thinking skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	60

**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
703	Nutrition Education and Behavior
724	Healthy Lifestyle

**Outcome #12****1. Outcome Measures**

Manage family resources in alignment with goals

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	2460	3208

**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
801	Individual and Family Resource Management

**Outcome #13****1. Outcome Measures**

Model positive group behavior to others

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	100	0

**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
803	Sociological and Technological Change Affecting Individuals, Families and Communities
802	Human Development and Family Well-Being

**Outcome #14****1. Outcome Measures**

Practice safety

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	90	218

**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
724	Healthy Lifestyle
703	Nutrition Education and Behavior

**Outcome #15****1. Outcome Measures**

Provide learning opportunities for groups or organizations

**2. Associated Institution Types**

•1862 Extension



**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	63

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
703	Nutrition Education and Behavior
802	Human Development and Family Well-Being
724	Healthy Lifestyle
801	Individual and Family Resource Management

**Outcome #16**

**1. Outcome Measures**

Provide training and technical assistance in analyzing and assessing community health issues and policies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	20

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
703	Nutrition Education and Behavior
724	Healthy Lifestyle

**Outcome #17****1. Outcome Measures**

Reduce or eliminate gender stereotyping

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	50

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #18****1. Outcome Measures**

Teach others to take leadership and facilitation roles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	13	158

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
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**Outcome #19****1. Outcome Measures**

Treat all people with dignity and respect

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	2728

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
724	Healthy Lifestyle
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #20****1. Outcome Measures**

Use relevant UMCE web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	570	37825

**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>
724	Healthy Lifestyle
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities
703	Nutrition Education and Behavior
802	Human Development and Family Well-Being

**Outcome #21**

**1. Outcome Measures**

Enhance the economic and environmental sustainability of Maine agriculture and aquaculture.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	0	0

**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
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #22**

**1. Outcome Measures**

Enhance the safety, sustainability, and dependability of Maine's food supply

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	0	0

**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>
703	Nutrition Education and Behavior
803	Sociological and Technological Change Affecting Individuals, Families and Communities
802	Human Development and Family Well-Being

**Outcome #23****1. Outcome Measures**

Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	0	0

**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>
724	Healthy Lifestyle
801	Individual and Family Resource Management
802	Human Development and Family Well-Being
703	Nutrition Education and Behavior

**Outcome #24****1. Outcome Measures**

Increase the economic and social viability and sustainability of Maine communities.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
803	Sociological and Technological Change Affecting Individuals, Families and Communities
724	Healthy Lifestyle

**Outcome #25****1. Outcome Measures**

Demonstrate age-appropriate preventive health practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	120	334

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
724	Healthy Lifestyle
703	Nutrition Education and Behavior

**Outcome #26**

**1. Outcome Measures**

Demonstrate animal handling practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	75	950

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
724	Healthy Lifestyle
801	Individual and Family Resource Management
703	Nutrition Education and Behavior
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #27****1. Outcome Measures**

Demonstrate appreciation of diversity

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	63	537

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
724	Healthy Lifestyle
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #28**

**1. Outcome Measures**

Demonstrate appropriate food safety practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	85	283

**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
724	Healthy Lifestyle

**Outcome #29**

**1. Outcome Measures**

Demonstrate healthy lifestyle practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1270	290

**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>
703	Nutrition Education and Behavior
724	Healthy Lifestyle
802	Human Development and Family Well-Being

**Outcome #30****1. Outcome Measures**

Demonstrate how to access community resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	10050	19

**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>
703	Nutrition Education and Behavior
801	Individual and Family Resource Management
802	Human Development and Family Well-Being
724	Healthy Lifestyle
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #31****1. Outcome Measures**

Demonstrate how to allocate scarce or limited resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	2460	3537

**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
801	Individual and Family Resource Management

**Outcome #32****1. Outcome Measures**

Demonstrate how to care for and nurture others

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	25	816

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

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

**Outcome #33**

**1. Outcome Measures**

Demonstrate how to confront disrespectful behavior

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	133

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
724	Healthy Lifestyle
803	Sociological and Technological Change Affecting Individuals, Families and Communities
802	Human Development and Family Well-Being

**Outcome #34**

**1. Outcome Measures**

Demonstrate how to create new media that promotes positive human development

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	52

**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

**Outcome #35**

**1. Outcome Measures**

Demonstrate how to create safe spaces

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	90	76

**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

**Outcome #36**

**1. Outcome Measures**

Demonstrate how to critically discern the impacts of media

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
724	Healthy Lifestyle
703	Nutrition Education and Behavior

**Outcome #37****1. Outcome Measures**

Demonstrate how to feed animals with production and economy in mind

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	262

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

**Issue (Who cares and Why)**

**What has been done**

**Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
801	Individual and Family Resource Management

**Outcome #38****1. Outcome Measures**

Demonstrate how to grow fruits and vegetables

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1160	406

**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>
724	Healthy Lifestyle
703	Nutrition Education and Behavior
801	Individual and Family Resource Management

**Outcome #39****1. Outcome Measures**

Demonstrate how to keep good records

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	75	1103

**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

**Outcome #40****1. Outcome Measures**

Demonstrate how to make informed financial decisions

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	80	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
724	Healthy Lifestyle
801	Individual and Family Resource Management

**Outcome #41****1. Outcome Measures**

Demonstrate how to prevent bullying behavior

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	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
802	Human Development and Family Well-Being

**Outcome #42****1. Outcome Measures**

Demonstrate how to respect others

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	80	893

**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

**Outcome #43****1. Outcome Measures**

Demonstrate how to support development of whole people

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	15

**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

**Outcome #44**



**1. Outcome Measures**

Demonstrate how to use the "train-the-trainer" model

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	27

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
724	Healthy Lifestyle
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities
802	Human Development and Family Well-Being
703	Nutrition Education and Behavior

**Outcome #45**

**1. Outcome Measures**

Demonstrate how to use the USDA dietary guidelines and Food Guide pyramid to plan menus or choose foods

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	3390	6053

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
703	Nutrition Education and Behavior
724	Healthy Lifestyle
802	Human Development and Family Well-Being

**Outcome #46**

**1. Outcome Measures**

Demonstrate safe behavior and safety practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	531

**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
703	Nutrition Education and Behavior
724	Healthy Lifestyle

**Outcome #47**

**1. Outcome Measures**

Describe USDA approved food preservation methods

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	65	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>
703	Nutrition Education and Behavior
724	Healthy Lifestyle
802	Human Development and Family Well-Being

**Outcome #48****1. Outcome Measures**

Describe age-appropriate safety practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	2630	146

**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
724	Healthy Lifestyle

**Outcome #49****1. Outcome Measures**

Describe gender stereotypes and their effects

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	70	25

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #50**

**1. Outcome Measures**  
Describe healthy lifestyle choices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	665	1130

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
724	Healthy Lifestyle
802	Human Development and Family Well-Being
703	Nutrition Education and Behavior

**Outcome #51**

**1. Outcome Measures**

Describe how personal behaviors influence the risk of chronic disease

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	180	99

**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
724	Healthy Lifestyle

**Outcome #52**

**1. Outcome Measures**

Describe how to integrate regular physical activity into daily lives

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	75	198

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
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802	Human Development and Family Well-Being
803	Sociological and Technological Change Affecting Individuals, Families and Communities
724	Healthy Lifestyle

**Outcome #53****1. Outcome Measures**

Describe proper food handling practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	120	318

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
703	Nutrition Education and Behavior
802	Human Development and Family Well-Being
724	Healthy Lifestyle

**Outcome #54****1. Outcome Measures**

Describe the benefits of physical activity

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	2720	298

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #55**

**1. Outcome Measures**

Describe the impact of cultural and media messages

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	38

**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

**Outcome #56**

**1. Outcome Measures**

Describe the risks of not handling food safely

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	95	182

**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>
703	Nutrition Education and Behavior
802	Human Development and Family Well-Being
724	Healthy Lifestyle

**Outcome #57****1. Outcome Measures**

Describe the value of community involvement and civic participation

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	50	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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #58****1. Outcome Measures**

Describe the value of consuming locally-produced food

**2. Associated Institution Types**

•1862 Extension



**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	400	105

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
703	Nutrition Education and Behavior
802	Human Development and Family Well-Being
803	Sociological and Technological Change Affecting Individuals, Families and Communities
801	Individual and Family Resource Management
724	Healthy Lifestyle

**Outcome #59**

**1. Outcome Measures**

Describe ways to observe, explore, and experience nature

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	300	1862

**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
724	Healthy Lifestyle

**Outcome #60**

**1. Outcome Measures**

Adopt behaviors to prevent or minimize complications of chronic disease

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	120	131

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
703	Nutrition Education and Behavior
724	Healthy Lifestyle

**Outcome #61****1. Outcome Measures**

Adopt food safety practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	2685	4325

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
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703	Nutrition Education and Behavior
724	Healthy Lifestyle
802	Human Development and Family Well-Being

**Outcome #62****1. Outcome Measures**

Adopt record-keeping system

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	150	157

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management

**Outcome #63****1. Outcome Measures**

Adopt the USDA dietary guidelines and the food guide pyramid

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	765	1700

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
724	Healthy Lifestyle
703	Nutrition Education and Behavior

**Outcome #64**

**1. Outcome Measures**

Assume personal responsibility for health

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	140	181

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #65**

**1. Outcome Measures**

Conduct community-based education that encourages healthy individual and family behaviors

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	130	406

**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>
724	Healthy Lifestyle
802	Human Development and Family Well-Being
801	Individual and Family Resource Management
703	Nutrition Education and Behavior

**Outcome #66****1. Outcome Measures**

Confront disrespectful behaviors

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	50	0

**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

**Outcome #67****1. Outcome Measures**

Create learning opportunities based on principles of positive human development

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	485	1306

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

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

**Outcome #68****1. Outcome Measures**

Adopt effective communication skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	169

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

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

**Outcome #69**

**1. Outcome Measures**

Avoid consumer fraud and financial exploitation

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	10

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management

**Outcome #70**

**1. Outcome Measures**

Collect information and communicate results

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	278

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management

802 Human Development and Family Well-Being  
 724 Healthy Lifestyle

**Outcome #71**

**1. Outcome Measures**

Conduct community service or outreach

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	2093

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #72**

**1. Outcome Measures**

Conduct educational activities through cooperative or collaborative effort

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	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
802	Human Development and Family Well-Being
801	Individual and Family Resource Management
703	Nutrition Education and Behavior
724	Healthy Lifestyle

**Outcome #73**

**1. Outcome Measures**

Create and sustain effective partnerships and collaborations

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	661

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
703	Nutrition Education and Behavior
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #74**

**1. Outcome Measures**

Develop and apply policies or practices that create safe, healthy psychological environments

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	31

**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
724	Healthy Lifestyle

**Outcome #75**

**1. Outcome Measures**

Develop educational programs that address health and safety issues

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	1

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #76**

**1. Outcome Measures**

Develop relationships that support independent living

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	81

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
802	Human Development and Family Well-Being

**Outcome #77****1. Outcome Measures**

Engage positively in their community

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	401

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
724	Healthy Lifestyle
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #78**

**1. Outcome Measures**

Ensure that all people feel safe and accepted

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	403

**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

**Outcome #79**

**1. Outcome Measures**

Increase capacity to establish goals or make decisions

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	2106

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
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801	Individual and Family Resource Management
724	Healthy Lifestyle

**Outcome #80****1. Outcome Measures**

Use a collaborative process or approach

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	43

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #81****1. Outcome Measures**

Use clear and effective communication skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	497

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
802	Human Development and Family Well-Being
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #82**

**1. Outcome Measures**

Use new technologies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	671

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
724	Healthy Lifestyle
703	Nutrition Education and Behavior
801	Individual and Family Resource Management

**Outcome #83**

**1. Outcome Measures**

Work productively in a team

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	855

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #84**

**1. Outcome Measures**

Demonstrate age-appropriate relationship skills

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	476

**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

**Outcome #85**

**1. Outcome Measures**

Demonstrate group process skills

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	32

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #86**

**1. Outcome Measures**  
Demonstrate healthy lifestyle choices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	469

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
724	Healthy Lifestyle
703	Nutrition Education and Behavior
802	Human Development and Family Well-Being

**Outcome #87**



**1. Outcome Measures**

Demonstrate how to address local health and healthcare concerns

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	72

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #88**

**1. Outcome Measures**

Demonstrate how to assess community health concerns

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	20

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
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**Outcome #89****1. Outcome Measures**

Demonstrate how to create educational situations that honor all learning styles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	38

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
802	Human Development and Family Well-Being

**Outcome #90****1. Outcome Measures**

Demonstrate how to create effective partnerships

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	39

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
802	Human Development and Family Well-Being

**Outcome #91**

**1. Outcome Measures**

Demonstrate how to critically evaluate the effectiveness of existing policies or practices

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	12

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #92**

**1. Outcome Measures**

Demonstrate how to develop a budget to meet financial goals

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	95

**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

**Outcome #93****1. Outcome Measures**

Demonstrate how to encourage others to make healthy lifestyle choices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	{No Data Entered}	8

**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>
703	Nutrition Education and Behavior
724	Healthy Lifestyle

**Outcome #94****1. Outcome Measures**

Demonstrate how to expand health-related resources for people and communities

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	20

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
703	Nutrition Education and Behavior
724	Healthy Lifestyle
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #95**

**1. Outcome Measures**

Demonstrate how to operate farm equipment safely

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	41

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
802	Human Development and Family Well-Being

**Outcome #96**

**1. Outcome Measures**

Demonstrate how to use technology

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	530

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
703	Nutrition Education and Behavior
802	Human Development and Family Well-Being
801	Individual and Family Resource Management

**Outcome #97****1. Outcome Measures**

Demonstrate improved communication skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	1588

**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

**Outcome #98**

**1. Outcome Measures**

Demonstrate planning and organizational skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	2418

**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
801	Individual and Family Resource Management
703	Nutrition Education and Behavior

**Outcome #99**

**1. Outcome Measures**

Demonstrate project-related science or technology skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	104

**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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities
703	Nutrition Education and Behavior
802	Human Development and Family Well-Being
801	Individual and Family Resource Management

**Outcome #100****1. Outcome Measures**

Demonstrate public speaking skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	{No Data Entered}	423

**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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #101****1. Outcome Measures**

Describe age-appropriate preventive health practices

**2. Associated Institution Types**

•1862 Extension



**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	5

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #102**

**1. Outcome Measures**  
Describe careers in science and technology

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	169

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
703	Nutrition Education and Behavior
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #103**

**1. Outcome Measures**

Describe community resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	34

**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
724	Healthy Lifestyle
803	Sociological and Technological Change Affecting Individuals, Families and Communities
801	Individual and Family Resource Management
703	Nutrition Education and Behavior

**Outcome #104**

**1. Outcome Measures**

Describe group facilitation techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	15

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #105**

**1. Outcome Measures**

Describe home modifications that can be made to promote independent living

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	81

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
802	Human Development and Family Well-Being
801	Individual and Family Resource Management
724	Healthy Lifestyle

**Outcome #106**

**1. Outcome Measures**

Describe how to integrate regular physical activity into daily lives in a variety of ways

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	603

**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
724	Healthy Lifestyle
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #107**

**1. Outcome Measures**

Describe sustainable living principles and practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	803

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
703	Nutrition Education and Behavior
802	Human Development and Family Well-Being
801	Individual and Family Resource Management
724	Healthy Lifestyle

**Outcome #108**

**1. Outcome Measures**

Describe the value of water resources, riparian areas, and ecosystems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	56

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities
724	Healthy Lifestyle

**V(H). Planned Program (External Factors)****External factors which affected outcomes**

- Economy
- Populations changes (immigration,new cultural groupings,etc.)

**Brief Explanation**

Current economic climate increased the target population that staff could serve (i.e., limited income population) but at the same time, budget cuts were made to the University that did not allow us to increase the number of staff to meet the increased demand for services.

Continued influx of Somali immigrants to the Lewiston-Auburn area of Maine also increased demand for our program. Because of poor economic climate, there are still underserved audiences in this geographic area.

**V(I). Planned Program (Evaluation Studies and Data Collection)****1. Evaluation Studies Planned**

- Before-After (before and after program)
- During (during program)
- Time series (multiple points before and after program)

**Evaluation Results**

{No Data Entered}

**Key Items of Evaluation**

{No Data Entered}

**Program #13**

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

**1. Name of the Planned Program**

Administrative Plan of Work; Planning and Supervision

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

**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
902	Administration of Projects and Programs	100%		100%	
	<b>Total</b>	100%		100%	

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	11.7	0.0	0.5	0.0
<b>Actual</b>	7.7	0.0	0.1	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
226690	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
622501	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
771118	0	0	0

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

**1. Brief description of the Activity**

•Administrative Plan of Work Planning and Supervision

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

•Extension - all staff (Adult)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	<b>Direct Contacts Adults</b>	<b>Indirect Contacts Adults</b>	<b>Direct Contacts Youth</b>	<b>Indirect Contacts Youth</b>
<b>Year</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>
<b>Plan</b>	150	0	0	0
2007	145	0	0	0

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

**Patent Applications Submitted**

<b>Year</b>	<b>Target</b>
<b>Plan:</b>	0
2007 :	0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	<b>Extension</b>	<b>Research</b>	<b>Total</b>
<b>Plan</b>			
2007	0	0	0

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

**Output Target**

**Output #1**

**Output Measure**

- Provide Administrative Support for POW

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	{No Data Entered}	90

**V(G). State Defined Outcomes****V. State Defined Outcomes Table of Content**

<b>O No.</b>	<b>OUTCOME NAME</b>
1	Enhance the economic and environmental sustainability of Maine agriculture and aquaculture.
2	Increase the economic and social viability and sustainability of Maine communities.
3	Enhance the safety, sustainability, and dependability of Maine's food supply.
4	Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness.
5	Protect and enhance Maine's natural resources and environment through sustainable stewardship.



**Outcome #1**

**1. Outcome Measures**

Enhance the economic and environmental sustainability of Maine agriculture and aquaculture.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
902	Administration of Projects and Programs

**Outcome #2**

**1. Outcome Measures**

Increase the economic and social viability and sustainability of Maine communities.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
902	Administration of Projects and Programs

**Outcome #3****1. Outcome Measures**

Enhance the safety, sustainability, and dependability of Maine's food supply.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
902	Administration of Projects and Programs

**Outcome #4****1. Outcome Measures**

Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	0

**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>
902	Administration of Projects and Programs

**Outcome #5**

**1. Outcome Measures**

Protect and enhance Maine's natural resources and environment through sustainable stewardship.

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	0	0

**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>
902	Administration of Projects and Programs

**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 and Data Collection)**

**1. Evaluation Studies Planned**

- Other (Merit Review Process)

**Evaluation Results**

**Key Items of Evaluation**

**Program #14**

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

**1. Name of the Planned Program**

Home Horticulture

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

**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
102	Soil, Plant, Water, Nutrient Relationships	20%		20%	
111	Conservation and Efficient Use of Water	10%		10%	
112	Watershed Protection and Management	5%		5%	
132	Weather and Climate	5%		5%	
133	Pollution Prevention and Mitigation	5%		5%	
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants	10%		10%	
206	Basic Plant Biology	30%		30%	
213	Weeds Affecting Plants	5%		5%	
403	Waste Disposal, Recycling, and Reuse	5%		5%	
502	New and Improved Food Products	5%		5%	
	<b>Total</b>	100%		100%	

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	7.3	0.0	0.1	0.0
<b>Actual</b>	6.3	0.0	0.2	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
237178	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
883527	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
108471	0	0	0

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

**1. Brief description of the Activity**

•Central Maine Garden Celebration •Community Programs on Home Horticulture Topics •Consultations on Consumer and Commercial Horticulture Topics •Consumer Horticulture Field Day •Consumer Horticulture Programming •Consumer Horticulture Programming •Consumer Horticulture Programming •Demonstration Plantings •Garden Angel Program •Garden Club Presentations •Garden Publications •Garden to Garden Program •Gardening Web Site •Growing Tree Fruits in Maine •Hazardous Waste Collection •Hobby Orchard Consultations •Kids Can Grow •Maine Garden Day •Maine State Prison Vocational Horticulture Program •Master Gardener Program •Master Gardener Training •Master Gardener Volunteer Continuation Committee •Master Gardener Volunteer time •Master Gardener Volunteer Training •Native Woody Plants for Maine Landscapes •Piscataquis Gardening Newsletter •Solar Collection in Hoop Houses

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

•4-H Special Interest or Short-Term Program Participants (Youth) •Adults with Disabilities (Adults) •Agricultural Workers (Adult) •Commercial Vegetable Growers (Adult) •Extension Faculty (Adult) •Extension Homemakers (Adult) •Farmers (Adult) •General Public (Adult) •General Public (Youth) •Green Industry Members (Adult) •Greenhouse Operators (Adult) •Home Gardeners (Adult) •Home Gardeners (Youth) •Homeowners (Adult) •Master Gardener Trainees (Adult) •Master Gardener Volunteers (Adult)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	4385	3800	95	0
2007	8633	2604	261	66

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

**Patent Applications Submitted**

Year	Target
Plan:	0
2007 :	0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	Extension	Research	Total
Plan			
2007	1	0	0

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

**Output Target**

**Output #1****Output Measure**

- Direct - 4-H Club - Community

Year	Target	Actual
2007	1	100

**Output #2****Output Measure**

- Direct - Collaborative or Cooperative Effort

Year	Target	Actual
2007	1	1

**Output #3****Output Measure**

- Direct - Conference or symposium

Year	Target	Actual
2007	2	2

**Output #4****Output Measure**

- Direct - Consultation

Year	Target	Actual
2007	660	2238

**Output #5****Output Measure**

- Direct - Course

Year	Target	Actual
2007	4	27

**Output #6****Output Measure**

- Direct - Demonstration Project

Year	Target	Actual
2007	5	11

**Output #7****Output Measure**

- Direct - Experiential Learning

Year	Target	Actual
2007	2	23

**Output #8****Output Measure**

- Direct - Public Presentation

Year	Target	Actual
2007	30	27

**Output #9****Output Measure**

- Direct - Volunteer Training

Year	Target	Actual
2007	15	431

**Output #10****Output Measure**

- Direct - Workshop - series

Year	Target	Actual
2007	30	4

**Output #11****Output Measure**

- Direct - Workshop - single session

Year	Target	Actual
2007	4	22

**Output #12****Output Measure**

- Direct - Written or e-mail response to client request

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	410	0

**Output #13****Output Measure**

- Indirect - Publication - booklet

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	2	150

**Output #14****Output Measure**

- Indirect - Publication - fact sheet

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	6	1

**Output #15****Output Measure**

- Indirect - Publication - newsletter

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	13	7

**Output #16****Output Measure**

- Indirect - Website

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	1

**Output #17****Output Measure**

- Indirect - Volunteer Effort

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	{No Data Entered}	100



## V(G). State Defined Outcomes

## V. State Defined Outcomes Table of Content

O No.	OUTCOME NAME
1	Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness.
2	Access relevant UMCE publications
3	Complete the Master Gardener Training
4	Demonstrate IPM techniques
5	Demonstrate how to access locally-grown foods
6	Demonstrate how to amend soils
7	Demonstrate how to apply pesticides safely and effectively
8	Demonstrate how to be positively engaged in their community
9	Demonstrate how to compost
10	Demonstrate how to create effective partnerships in communities
11	Demonstrate how to design, facilitate, run, and maintain a volunteer program
12	Demonstrate how to diagnose pest problems
13	Demonstrate how to evaluate the potential of new and non-traditional crops and varieties for profitable production in Maine
14	Demonstrate how to grow fruits and vegetables
15	Demonstrate how to identify invasive species
16	Demonstrate how to identify native flora and fauna
17	Demonstrate how to identify non-native invasive species
18	Demonstrate how to incorporate native plants and native plant communities into constructed landscapes
19	Demonstrate how to take a soil test
20	Demonstrate how to use technology
21	Demonstrate management strategies for invasive species management
22	Demonstrate sustainable gardening practices
23	Describe IPM techniques
24	Describe IPM technologies and benefits
25	Describe alternative pest manage techniques
26	Describe an improved quality of life
27	Describe ecological principles
28	Describe hoop house crop management
29	Describe hoop house technology
30	Describe new crops and varieties
31	Describe practices that improve efficiency, reduce inputs, or increase profitability
32	Describe threats to water quality from land use practices
33	Use UM Diagnostic Services
34	Adopt appropriate management strategies
35	Adopt appropriate pest management practices
36	Adopt appropriate technologies
37	Adopt environmentally sound practices
38	Adopt environmentally sound technologies that improve economic viability
39	Adopt practices that maintain profitability
40	Be a mentor to other community organizations or groups

41	Complete volunteer commitment
42	Compost
43	Conduct community service or outreach
44	Expand IPM
45	Grow new crop
46	Grow new variety
47	Identify and respond to pest issues
48	Identify and respond to plant and animal disorders
49	Improve IPM
50	Improve production and quality of crops
51	Improve soil health
52	Increase consumption of locally-grown food
53	Increase crop production
54	Make appropriate cultivar choices
55	Make better decisions regarding pest management
56	Plant and harvest gardens
57	Pounds of food donated
58	Reduce the use of high-risk pesticides
59	Reduce waste stream
60	Test new crops
61	Test new production techniques
62	Test new varieties
63	Use non-chemical pest management practices
64	Use pesticides safely
65	Use relevant UMCE web-based resources
66	Enhance the economic and environmental sustainability of Maine agriculture and aquaculture
67	Enhance the safety, sustainability, and dependability of Maine's food supply
68	Increase the economic and social viability and sustainability of Maine communities
69	Protect and enhance Maine's natural resources and environment through sustainable stewardship
70	Adopt IPM strategies
71	Adopt practices that maintain long-term productivity
72	Create and sustain effective partnerships and collaborations
73	Develop environmentally sound technologies and practices
74	Develop partnerships among organizations or groups
75	Engage in leadership development
76	Evaluate the potential of new and non-traditional crops and varieties for profitable production in Maine
77	Increase purchase of Maine products
78	Protect or conserve biodiversity and habitat including native plant and animal species
79	Provide learning opportunities for groups or organizations
80	Demonstrate appreciation of wildlife in home landscape
81	Demonstrate effective collaborations skills and techniques
82	Demonstrate effective mentoring or coaching skills
83	Demonstrate group, organizational, or leadership activities
84	Demonstrate how to analyze records for decision making
85	Describe solar heating technology
86	Describe wildlife habitat components



**Outcome #1**

**1. Outcome Measures**

Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
502	New and Improved Food Products
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation
111	Conservation and Efficient Use of Water

**Outcome #2**

**1. Outcome Measures**

Access relevant UMCE publications

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	170	3206

**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>
102	Soil, Plant, Water, Nutrient Relationships
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
111	Conservation and Efficient Use of Water
132	Weather and Climate
213	Weeds Affecting Plants
502	New and Improved Food Products
206	Basic Plant Biology
133	Pollution Prevention and Mitigation

**Outcome #3****1. Outcome Measures**

Complete the Master Gardener Training

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	263	151

**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>
102	Soil, Plant, Water, Nutrient Relationships
206	Basic Plant Biology
403	Waste Disposal, Recycling, and Reuse
213	Weeds Affecting Plants
133	Pollution Prevention and Mitigation
111	Conservation and Efficient Use of Water
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants

**Outcome #4****1. Outcome Measures**

Demonstrate IPM techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	60	125

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
206	Basic Plant Biology
102	Soil, Plant, Water, Nutrient Relationships
133	Pollution Prevention and Mitigation
213	Weeds Affecting Plants

**Outcome #5****1. Outcome Measures**

Demonstrate how to access locally-grown foods

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	147

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
133	Pollution Prevention and Mitigation

**Outcome #6****1. Outcome Measures**

Demonstrate how to amend soils

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	273	169

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #7****1. Outcome Measures**

Demonstrate how to apply pesticides safely and effectively

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	145	2228

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management

**Outcome #8**

**1. Outcome Measures**

Demonstrate how to be positively engaged in their community

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	20

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
133	Pollution Prevention and Mitigation
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse

**Outcome #9**

**1. Outcome Measures**

Demonstrate how to compost

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	70	135

**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>
112	Watershed Protection and Management
206	Basic Plant Biology
102	Soil, Plant, Water, Nutrient Relationships
111	Conservation and Efficient Use of Water

**Outcome #10****1. Outcome Measures**

Demonstrate how to create effective partnerships in communities

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	10	0

**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>
133	Pollution Prevention and Mitigation
502	New and Improved Food Products
403	Waste Disposal, Recycling, and Reuse
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management

**Outcome #11****1. Outcome Measures**

Demonstrate how to design, facilitate, run, and maintain a volunteer program

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	90	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
133	Pollution Prevention and Mitigation
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse

**Outcome #12**

**1. Outcome Measures**

Demonstrate how to diagnose pest problems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	200	522

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
206	Basic Plant Biology
102	Soil, Plant, Water, Nutrient Relationships
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants

**Outcome #13**

**1. Outcome Measures**

Demonstrate how to evaluate the potential of new and non-traditional crops and varieties for profitable production in Maine

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	85

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
502	New and Improved Food Products

**Outcome #14**

**1. Outcome Measures**

Demonstrate how to grow fruits and vegetables

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	210	406

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
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111	Conservation and Efficient Use of Water
102	Soil, Plant, Water, Nutrient Relationships
206	Basic Plant Biology

**Outcome #15**

**1. Outcome Measures**

Demonstrate how to identify invasive species

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	29

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
112	Watershed Protection and Management
213	Weeds Affecting Plants
111	Conservation and Efficient Use of Water

**Outcome #16**

**1. Outcome Measures**

Demonstrate how to identify native flora and fauna

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	143

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

**Issue (Who cares and Why)**

**What has been done**

**Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
206	Basic Plant Biology
111	Conservation and Efficient Use of Water

**Outcome #17****1. Outcome Measures**

Demonstrate how to identify non-native invasive species

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	221

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

**Issue (Who cares and Why)**

**What has been done**

**Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
206	Basic Plant Biology

**Outcome #18****1. Outcome Measures**

Demonstrate how to incorporate native plants and native plant communities into constructed landscapes

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	115	287

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

**Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
111	Conservation and Efficient Use of Water
206	Basic Plant Biology

**Outcome #19****1. Outcome Measures**

Demonstrate how to take a soil test

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	253	179

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
206	Basic Plant Biology
102	Soil, Plant, Water, Nutrient Relationships
111	Conservation and Efficient Use of Water
133	Pollution Prevention and Mitigation

**Outcome #20****1. Outcome Measures**

Demonstrate how to use technology

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	530

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation
111	Conservation and Efficient Use of Water

**Outcome #21**

**1. Outcome Measures**

Demonstrate management strategies for invasive species management

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	50

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
111	Conservation and Efficient Use of Water

**Outcome #22**

**1. Outcome Measures**

Demonstrate sustainable gardening practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	235	546

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation
206	Basic Plant Biology
112	Watershed Protection and Management
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants
111	Conservation and Efficient Use of Water

**Outcome #23**

**1. Outcome Measures**

Describe IPM techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	78	130

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

**Issue (Who cares and Why)**

**What has been done**

**Results**



**4. Associated Knowledge Areas**

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
111	Conservation and Efficient Use of Water
213	Weeds Affecting Plants
206	Basic Plant Biology
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants
133	Pollution Prevention and Mitigation
403	Waste Disposal, Recycling, and Reuse

**Outcome #24**

**1. Outcome Measures**

Describe IPM technologies and benefits

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	70	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
111	Conservation and Efficient Use of Water
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants
213	Weeds Affecting Plants

**Outcome #25**

**1. Outcome Measures**

Describe alternative pest manage techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	680	279

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants
133	Pollution Prevention and Mitigation

**Outcome #26**

**1. Outcome Measures**  
Describe an improved quality of life

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	80	31

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
502	New and Improved Food Products
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse

**Outcome #27****1. Outcome Measures**

Describe ecological principles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	80	1657

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
102	Soil, Plant, Water, Nutrient Relationships
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation

**Outcome #28****1. Outcome Measures**

Describe hoop house crop management

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	55	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>
206	Basic Plant Biology
111	Conservation and Efficient Use of Water
502	New and Improved Food Products

**Outcome #29****1. Outcome Measures**

Describe hoop house technology

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	70	31

**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>
502	New and Improved Food Products
206	Basic Plant Biology
102	Soil, Plant, Water, Nutrient Relationships
111	Conservation and Efficient Use of Water

**Outcome #30****1. Outcome Measures**

Describe new crops and varieties

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	330	190

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
502	New and Improved Food Products

**Outcome #31**

**1. Outcome Measures**

Describe practices that improve efficiency, reduce inputs, or increase profitability

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	170	107

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
403	Waste Disposal, Recycling, and Reuse
502	New and Improved Food Products
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water

**Outcome #32**

**1. Outcome Measures**

Describe threats to water quality from land use practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	15	1067

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management
133	Pollution Prevention and Mitigation
111	Conservation and Efficient Use of Water

**Outcome #33**

**1. Outcome Measures**

Use UM Diagnostic Services

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	160	309

**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>
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants
102	Soil, Plant, Water, Nutrient Relationships
213	Weeds Affecting Plants
206	Basic Plant Biology
111	Conservation and Efficient Use of Water

**Outcome #34****1. Outcome Measures**

Adopt appropriate management strategies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	350	995

**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>
112	Watershed Protection and Management
133	Pollution Prevention and Mitigation
403	Waste Disposal, Recycling, and Reuse
111	Conservation and Efficient Use of Water
213	Weeds Affecting Plants

**Outcome #35****1. Outcome Measures**

Adopt appropriate pest management practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	92	90

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants
213	Weeds Affecting Plants

**Outcome #36**

**1. Outcome Measures**

Adopt appropriate technologies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	180	106

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
213	Weeds Affecting Plants
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation
502	New and Improved Food Products



**Outcome #37**

**1. Outcome Measures**

Adopt environmentally sound practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	1259

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water

**Outcome #38**

**1. Outcome Measures**

Adopt environmentally sound technologies that improve economic viability

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	150	280

**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>
133	Pollution Prevention and Mitigation
502	New and Improved Food Products
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse

**Outcome #39****1. Outcome Measures**

Adopt practices that maintain profitability

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	80	659

**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>
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants
403	Waste Disposal, Recycling, and Reuse
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #40****1. Outcome Measures**

Be a mentor to other community organizations or groups

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	30	60

**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>
133	Pollution Prevention and Mitigation
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
111	Conservation and Efficient Use of Water

**Outcome #41****1. Outcome Measures**

Complete volunteer commitment

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	85	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>
111	Conservation and Efficient Use of Water
133	Pollution Prevention and Mitigation
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management

**Outcome #42****1. Outcome Measures**

Compost

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	125	79

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse

**Outcome #43**

**1. Outcome Measures**

Conduct community service or outreach

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	110	2093

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation

**Outcome #44**

**1. Outcome Measures**

Expand IPM

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	35	56

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
403	Waste Disposal, Recycling, and Reuse
213	Weeds Affecting Plants
102	Soil, Plant, Water, Nutrient Relationships
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water

**Outcome #45**

**1. Outcome Measures**

Grow new crop

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	45	14

**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>
502	New and Improved Food Products

**Outcome #46**

**1. Outcome Measures**

Grow new variety

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	110	82

**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>
502	New and Improved Food Products

**Outcome #47**

**1. Outcome Measures**

Identify and respond to pest issues

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	210	782

**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>
102	Soil, Plant, Water, Nutrient Relationships
206	Basic Plant Biology
213	Weeds Affecting Plants
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants

**Outcome #48****1. Outcome Measures**

Identify and respond to plant and animal disorders

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	70	441

**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>
102	Soil, Plant, Water, Nutrient Relationships
206	Basic Plant Biology
213	Weeds Affecting Plants
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants

**Outcome #49****1. Outcome Measures**

Improve IPM

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	110	5

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
213	Weeds Affecting Plants
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants
206	Basic Plant Biology
111	Conservation and Efficient Use of Water
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #50****1. Outcome Measures**

Improve production and quality of crops

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	305	86

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
502	New and Improved Food Products
206	Basic Plant Biology
102	Soil, Plant, Water, Nutrient Relationships



**Outcome #51****1. Outcome Measures**

Improve soil health

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	45	52

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
403	Waste Disposal, Recycling, and Reuse
102	Soil, Plant, Water, Nutrient Relationships
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water

**Outcome #52****1. Outcome Measures**

Increase consumption of locally-grown food

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	332	173

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
403	Waste Disposal, Recycling, and Reuse
102	Soil, Plant, Water, Nutrient Relationships
502	New and Improved Food Products
111	Conservation and Efficient Use of Water

**Outcome #53**

**1. Outcome Measures**

Increase crop production

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	60	2

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
206	Basic Plant Biology
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #54**

**1. Outcome Measures**

Make appropriate cultivar choices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	310	132

**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>
133	Pollution Prevention and Mitigation
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water
213	Weeds Affecting Plants
502	New and Improved Food Products

**Outcome #55****1. Outcome Measures**

Make better decisions regarding pest management

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	205	1548

**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>
102	Soil, Plant, Water, Nutrient Relationships
403	Waste Disposal, Recycling, and Reuse
111	Conservation and Efficient Use of Water
206	Basic Plant Biology
133	Pollution Prevention and Mitigation
213	Weeds Affecting Plants

**Outcome #56****1. Outcome Measures**

Plant and harvest gardens

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	490	142

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation
102	Soil, Plant, Water, Nutrient Relationships
206	Basic Plant Biology

**Outcome #57****1. Outcome Measures**

Pounds of food donated

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	220000	7053

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
403	Waste Disposal, Recycling, and Reuse
502	New and Improved Food Products

**Outcome #58****1. Outcome Measures**

Reduce the use of high-risk pesticides

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	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
502	New and Improved Food Products
213	Weeds Affecting Plants
102	Soil, Plant, Water, Nutrient Relationships
133	Pollution Prevention and Mitigation

**Outcome #59****1. Outcome Measures**

Reduce waste stream

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	122

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
133	Pollution Prevention and Mitigation
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse

**Outcome #60**

**1. Outcome Measures**

Test new crops

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	45	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
502	New and Improved Food Products

**Outcome #61**

**1. Outcome Measures**

Test new production techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	110	47

**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>
111	Conservation and Efficient Use of Water
502	New and Improved Food Products
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management
133	Pollution Prevention and Mitigation

**Outcome #62****1. Outcome Measures**

Test new varieties

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	40	35

**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>
206	Basic Plant Biology
502	New and Improved Food Products

**Outcome #63****1. Outcome Measures**

Use non-chemical pest management practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	25	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
111	Conservation and Efficient Use of Water
102	Soil, Plant, Water, Nutrient Relationships
133	Pollution Prevention and Mitigation
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse

**Outcome #64**

**1. Outcome Measures**

Use pesticides safely

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	60	96

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse



**Outcome #65****1. Outcome Measures**

Use relevant UMCE web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1160	37825

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
213	Weeds Affecting Plants
403	Waste Disposal, Recycling, and Reuse
502	New and Improved Food Products
102	Soil, Plant, Water, Nutrient Relationships
132	Weather and Climate
111	Conservation and Efficient Use of Water
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants
206	Basic Plant Biology
133	Pollution Prevention and Mitigation

**Outcome #66****1. Outcome Measures**

Enhance the economic and environmental sustainability of Maine agriculture and aquaculture

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
102	Soil, Plant, Water, Nutrient Relationships
206	Basic Plant Biology
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management

**Outcome #67**

**1. Outcome Measures**

Enhance the safety, sustainability, and dependability of Maine's food supply

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water
133	Pollution Prevention and Mitigation
403	Waste Disposal, Recycling, and Reuse
206	Basic Plant Biology

**Outcome #68**

**1. Outcome Measures**

Increase the economic and social viability and sustainability of Maine communities

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
112	Watershed Protection and Management
133	Pollution Prevention and Mitigation
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse

**Outcome #69****1. Outcome Measures**

Protect and enhance Maine's natural resources and environment through sustainable stewardship

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
133	Pollution Prevention and Mitigation
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water

**Outcome #70**

**1. Outcome Measures**

Adopt IPM strategies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	35

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
213	Weeds Affecting Plants
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse
102	Soil, Plant, Water, Nutrient Relationships
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants

**Outcome #71**

**1. Outcome Measures**

Adopt practices that maintain long-term productivity

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	3389

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
403	Waste Disposal, Recycling, and Reuse
102	Soil, Plant, Water, Nutrient Relationships
111	Conservation and Efficient Use of Water
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants

**Outcome #72**

**1. Outcome Measures**

Create and sustain effective partnerships and collaborations

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	661

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management

**Outcome #73**

**1. Outcome Measures**

Develop environmentally sound technologies and practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	12

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water
213	Weeds Affecting Plants

**Outcome #74**

**1. Outcome Measures**

Develop partnerships among organizations or groups

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	4

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
403	Waste Disposal, Recycling, and Reuse
111	Conservation and Efficient Use of Water
502	New and Improved Food Products
112	Watershed Protection and Management

**Outcome #75****1. Outcome Measures**

Engage in leadership development

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	153

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
502	New and Improved Food Products
111	Conservation and Efficient Use of Water
133	Pollution Prevention and Mitigation
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management

**Outcome #76****1. Outcome Measures**

Evaluate the potential of new and non-traditional crops and varieties for profitable production in Maine

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	18

**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>
502	New and Improved Food Products

**Outcome #77****1. Outcome Measures**

Increase purchase of Maine products

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	{No Data Entered}	100

**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>
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation
502	New and Improved Food Products

**Outcome #78****1. Outcome Measures**

Protect or conserve biodiversity and habitat including native plant and animal species

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	{No Data Entered}	17

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



**Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
206	Basic Plant Biology
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water

**Outcome #79****1. Outcome Measures**

Provide learning opportunities for groups or organizations

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	63

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation
502	New and Improved Food Products

**Outcome #80****1. Outcome Measures**

Demonstrate appreciation of wildlife in home landscape

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	34

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
102	Soil, Plant, Water, Nutrient Relationships
133	Pollution Prevention and Mitigation
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse

**Outcome #81****1. Outcome Measures**

Demonstrate effective collaborations skills and techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	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
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
502	New and Improved Food Products
403	Waste Disposal, Recycling, and Reuse

**Outcome #82**

**1. Outcome Measures**

Demonstrate effective mentoring or coaching skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	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
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water

**Outcome #83**

**1. Outcome Measures**

Demonstrate group, organizational, or leadership activities

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	15

**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>
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation

**Outcome #84****1. Outcome Measures**

Demonstrate how to analyze records for decision making

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	{No Data Entered}	37

**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>
502	New and Improved Food Products
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
206	Basic Plant Biology
133	Pollution Prevention and Mitigation
132	Weather and Climate
111	Conservation and Efficient Use of Water
213	Weeds Affecting Plants
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #85****1. Outcome Measures**

Describe solar heating technology

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	23

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
403	Waste Disposal, Recycling, and Reuse
502	New and Improved Food Products
206	Basic Plant Biology
102	Soil, Plant, Water, Nutrient Relationships
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
133	Pollution Prevention and Mitigation

**Outcome #86**

**1. Outcome Measures**

Describe wildlife habitat components

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	57

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
213	Weeds Affecting Plants

**V(H). Planned Program (External Factors)****External factors which affected outcomes**

- Economy
- Government Regulations
- Competing Programmatic Challenges

**Brief Explanation**

As the economy worsens, more people ask for home horticulture education. New food safety regulations have added additional educational aspects to our past programming.

**V(I). Planned Program (Evaluation Studies and Data Collection)****1. Evaluation Studies Planned**

- Before-After (before and after program)
- During (during program)

**Evaluation Results**

{No Data Entered}

**Key Items of Evaluation**

{No Data Entered}

**Program #15**

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

**1. Name of the Planned Program**

Maine Livestock Industry

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

**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
102	Soil, Plant, Water, Nutrient Relationships	15%		15%	
301	Reproductive Performance of Animals	5%		5%	
302	Nutrient Utilization in Animals	10%		10%	
307	Animal Management Systems	15%		15%	
308	Improved Animal Products (Before Harvest)	10%		10%	
311	Animal Diseases	15%		15%	
315	Animal Welfare/Well-Being and Protection	5%		5%	
401	Structures, Facilities, and General Purpose Farm Supplies	5%		5%	
601	Economics of Agricultural Production and Farm Management	10%		10%	
602	Business Management, Finance, and Taxation	10%		10%	
<b>Total</b>		100%		100%	

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	2.9	0.0	0.5	0.0
<b>Actual</b>	2.0	0.0	0.4	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
94434	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
248438	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
24019	0	0	0

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

**1. Brief description of the Activity**

•Consultations - Livestock •Cornell Dairy Farm Business Summary Participation •Dairy Email Newsletters •Extension Livestock Website •Farmer Meetings •Farmer Seminars •Grass Farmers Network /Northeast Pasture Consortium •Nutrient Management •Piscataquis Farming Newsletter

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

•4-H Leaders (Adult) •4-H Members (Youth) •4-H Volunteers (Adult) •Agency Staff or Professionals (Adult)  
 •Agricultural Producers (Adult) •Commercial Dairy Producers (Adult) •Extension Faculty (Adult) •Farmers (Adult)  
 •General Public (Adult) •Media People (Adult) •Veterinarians (Adult)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	917	840	10	0
2007	1750	77429	38	0

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

**Patent Applications Submitted**

Year	Target
Plan:	0
2007 :	0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	Extension	Research	Total
Plan			
2007	0	0	0

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

**Output Target**



**Output #1****Output Measure**

- Direct - Applied Research

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	3	0

**Output #2****Output Measure**

- Direct - Collaborative or Cooperative Effort

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	60	86

**Output #3****Output Measure**

- Direct - Consultation

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	180	433

**Output #4****Output Measure**

- Direct - Forum

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	5	2

**Output #5****Output Measure**

- Direct - Pasture Walk

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	2	0

**Output #6****Output Measure**

- Direct - Seminar

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	6	2

**Output #7****Output Measure**

- Direct - Workshop - series

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	9	0

**Output #8****Output Measure**

- Indirect - Publication - newsletter

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	18	243

**Output #9****Output Measure**

- Direct - Written or e-mail Response to Client Request

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	80	0

**Output #10****Output Measure**

- Direct - Workshop - single session

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	4	0

**Output #11****Output Measure**

- Indirect - Website

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	154000

## V(G). State Defined Outcomes

## V. State Defined Outcomes Table of Content

O No.	OUTCOME NAME
1	Acquire quality assurance certification
2	Demonstrate animal management skills
3	Demonstrate basic business management skills
4	Demonstrate how to analyze records for decision making
5	Demonstrate how to develop certified nutrient management plans
6	Demonstrate how to develop integrated farming systems
7	Demonstrate how to effectively manage grasslands
8	Demonstrate how to feed animals with production and economy in mind
9	Demonstrate how to maximize return on farm enterprise
10	Demonstrate production recordkeeping
11	Demonstrate sound agricultural practices
12	Describe animal health programs
13	Describe financial management
14	Describe forages and forage quality
15	Describe nutrient sources, recycling and delivery methods that are compatible with crop, soil and production systems
16	Describe record keeping and record keeping systems
17	Describe sound animal production practices
18	Describe the benefits of grass-fed livestock
19	Describe the value of organic nutrient sources to sustainable cropping systems
20	Adopt appropriate management strategies
21	Adopt appropriate nutrient management strategies
22	Adopt appropriate technologies
23	Adopt practices that maintain long-term productivity
24	Adopt practices that maintain profitability
25	Develop a business plan
26	Improve animal well-being
27	Keep accurate records
28	Maintain nutrient management certification
29	Make better decisions using available diagnostics
30	Participate in Maine cattle health assurance program
31	Participate in farm animal identification program
32	Participate in livestock disease monitoring programs
33	Participate in livestock quality assurance program
34	Participate in relevant animal associations
35	Participate in the Maine grass farmer network
36	Use grasslands efficiently for feed and water quality protection
37	Use grasslands profitably
38	Use relevant UMCE web-based resources
39	Enhance the economic and environmental sustainability of Maine agriculture and aquaculture
40	Enhance the safety, sustainability, and dependability of Maine's food supply
41	Adopt appropriate practices

42	Create jobs
43	Increase consumption of locally-grown food
44	Manage business to achieve profit
45	Provide learning opportunities for groups or organizations
46	Use new technologies
47	Describe an improved quality of life
48	Describe advantages of alternative crop management strategies
49	Adopt appropriate handling and storage technologies Adopt appropriate pest management practices Adopt appropriate practices Compost

**Outcome #1**

**1. Outcome Measures**

Acquire quality assurance certification

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	12

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
308	Improved Animal Products (Before Harvest)
307	Animal Management Systems
601	Economics of Agricultural Production and Farm Management
315	Animal Welfare/Well-Being and Protection

**Outcome #2**

**1. Outcome Measures**

Demonstrate animal management skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	295	341

**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>
302	Nutrient Utilization in Animals
307	Animal Management Systems
602	Business Management, Finance, and Taxation

**Outcome #3****1. Outcome Measures**

Demonstrate basic business management skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	40	20

**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>
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #4****1. Outcome Measures**

Demonstrate how to analyze records for decision making

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	25	37

**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>
301	Reproductive Performance of Animals
311	Animal Diseases
307	Animal Management Systems
302	Nutrient Utilization in Animals
602	Business Management, Finance, and Taxation

**Outcome #5****1. Outcome Measures**

Demonstrate how to develop certified nutrient management plans

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	10	12

**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>
302	Nutrient Utilization in Animals
307	Animal Management Systems
602	Business Management, Finance, and Taxation

**Outcome #6****1. Outcome Measures**

Demonstrate how to develop integrated farming systems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	65	20

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
302	Nutrient Utilization in Animals
307	Animal Management Systems
602	Business Management, Finance, and Taxation

**Outcome #7****1. Outcome Measures**

Demonstrate how to effectively manage grasslands

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	115	57

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
401	Structures, Facilities, and General Purpose Farm Supplies
307	Animal Management Systems

**Outcome #8**

**1. Outcome Measures**

Demonstrate how to feed animals with production and economy in mind

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	450	262

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
315	Animal Welfare/Well-Being and Protection
308	Improved Animal Products (Before Harvest)
307	Animal Management Systems

**Outcome #9****1. Outcome Measures**

Demonstrate how to maximize return on farm enterprise

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	6

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

**Issue (Who cares and Why)**

**What has been done**

**Results**



**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
307	Animal Management Systems

**Outcome #10****1. Outcome Measures**

Demonstrate production recordkeeping

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	245	92

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
307	Animal Management Systems
602	Business Management, Finance, and Taxation

**Outcome #11****1. Outcome Measures**

Demonstrate sound agricultural practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	230	20

**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>
315	Animal Welfare/Well-Being and Protection
307	Animal Management Systems
602	Business Management, Finance, and Taxation
302	Nutrient Utilization in Animals

**Outcome #12****1. Outcome Measures**

Describe animal health programs

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	70	120

**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>
311	Animal Diseases
302	Nutrient Utilization in Animals
315	Animal Welfare/Well-Being and Protection
301	Reproductive Performance of Animals
307	Animal Management Systems

**Outcome #13****1. Outcome Measures**

Describe financial management

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	110	5

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
307	Animal Management Systems
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #14**

**1. Outcome Measures**

Describe forages and forage quality

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	130	136

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
401	Structures, Facilities, and General Purpose Farm Supplies
315	Animal Welfare/Well-Being and Protection
602	Business Management, Finance, and Taxation
307	Animal Management Systems

**Outcome #15**

**1. Outcome Measures**

Describe nutrient sources, recycling and delivery methods that are compatible with crop, soil and production systems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	145	73

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
302	Nutrient Utilization in Animals
307	Animal Management Systems
315	Animal Welfare/Well-Being and Protection

**Outcome #16**

**1. Outcome Measures**

Describe record keeping and record keeping systems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	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
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #17****1. Outcome Measures**

Describe sound animal production practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	280	28

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
302	Nutrient Utilization in Animals
307	Animal Management Systems
602	Business Management, Finance, and Taxation

**Outcome #18****1. Outcome Measures**

Describe the benefits of grass-fed livestock

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	65	130

**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>
307	Animal Management Systems
315	Animal Welfare/Well-Being and Protection
602	Business Management, Finance, and Taxation

**Outcome #19****1. Outcome Measures**

Describe the value of organic nutrient sources to sustainable cropping systems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	40	34

**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>
602	Business Management, Finance, and Taxation
307	Animal Management Systems

**Outcome #20****1. Outcome Measures**

Adopt appropriate management strategies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	70	995

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
301	Reproductive Performance of Animals
315	Animal Welfare/Well-Being and Protection
302	Nutrient Utilization in Animals
602	Business Management, Finance, and Taxation
307	Animal Management Systems
308	Improved Animal Products (Before Harvest)
311	Animal Diseases
601	Economics of Agricultural Production and Farm Management

**Outcome #21****1. Outcome Measures**

Adopt appropriate nutrient management strategies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	28

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
302	Nutrient Utilization in Animals

307	Animal Management Systems
308	Improved Animal Products (Before Harvest)
315	Animal Welfare/Well-Being and Protection

**Outcome #22****1. Outcome Measures**

Adopt appropriate technologies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	60	106

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
311	Animal Diseases
401	Structures, Facilities, and General Purpose Farm Supplies
307	Animal Management Systems
302	Nutrient Utilization in Animals

**Outcome #23****1. Outcome Measures**

Adopt practices that maintain long-term productivity

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	65	3389

**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>
307	Animal Management Systems
315	Animal Welfare/Well-Being and Protection
311	Animal Diseases
308	Improved Animal Products (Before Harvest)
602	Business Management, Finance, and Taxation

**Outcome #24****1. Outcome Measures**

Adopt practices that maintain profitability

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	100	659

**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>
307	Animal Management Systems
602	Business Management, Finance, and Taxation
308	Improved Animal Products (Before Harvest)
301	Reproductive Performance of Animals
315	Animal Welfare/Well-Being and Protection

**Outcome #25****1. Outcome Measures**

Develop a business plan

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	45

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
601	Economics of Agricultural Production and Farm Management
602	Business Management, Finance, and Taxation

**Outcome #26**

**1. Outcome Measures**

Improve animal well-being

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	200

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
307	Animal Management Systems
308	Improved Animal Products (Before Harvest)
311	Animal Diseases
302	Nutrient Utilization in Animals

**Outcome #27**

**1. Outcome Measures**

Keep accurate records

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	15

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
311	Animal Diseases
401	Structures, Facilities, and General Purpose Farm Supplies
315	Animal Welfare/Well-Being and Protection
307	Animal Management Systems
301	Reproductive Performance of Animals
602	Business Management, Finance, and Taxation
302	Nutrient Utilization in Animals

**Outcome #28**

**1. Outcome Measures**

Maintain nutrient management certification

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	60	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
302	Nutrient Utilization in Animals
307	Animal Management Systems

**Outcome #29****1. Outcome Measures**

Make better decisions using available diagnostics

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	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
307	Animal Management Systems
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #30****1. Outcome Measures**

Participate in Maine cattle health assurance program

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	20

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

**Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
311	Animal Diseases
315	Animal Welfare/Well-Being and Protection
307	Animal Management Systems
308	Improved Animal Products (Before Harvest)
602	Business Management, Finance, and Taxation

**Outcome #31****1. Outcome Measures**

Participate in farm animal identification program

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	500	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
315	Animal Welfare/Well-Being and Protection
308	Improved Animal Products (Before Harvest)
311	Animal Diseases

**Outcome #32****1. Outcome Measures**

Participate in livestock disease monitoring programs

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	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
311	Animal Diseases

**Outcome #33**

**1. Outcome Measures**

Participate in livestock quality assurance program

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	12

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
307	Animal Management Systems
315	Animal Welfare/Well-Being and Protection
311	Animal Diseases
602	Business Management, Finance, and Taxation
308	Improved Animal Products (Before Harvest)

**Outcome #34**

**1. Outcome Measures**

Participate in relevant animal associations

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	75	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
315	Animal Welfare/Well-Being and Protection
307	Animal Management Systems

**Outcome #35**

**1. Outcome Measures**

Participate in the Maine grass farmer network

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	160	125

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
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602	Business Management, Finance, and Taxation
307	Animal Management Systems
315	Animal Welfare/Well-Being and Protection

**Outcome #36**

**1. Outcome Measures**

Use grasslands efficiently for feed and water quality protection

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	120	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
307	Animal Management Systems
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #37**

**1. Outcome Measures**

Use grasslands profitably

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	90	0

**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>
102	Soil, Plant, Water, Nutrient Relationships
602	Business Management, Finance, and Taxation
308	Improved Animal Products (Before Harvest)
601	Economics of Agricultural Production and Farm Management

**Outcome #38****1. Outcome Measures**

Use relevant UMCE web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	300	37825

**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>
308	Improved Animal Products (Before Harvest)
315	Animal Welfare/Well-Being and Protection
301	Reproductive Performance of Animals
311	Animal Diseases
302	Nutrient Utilization in Animals
307	Animal Management Systems
601	Economics of Agricultural Production and Farm Management
401	Structures, Facilities, and General Purpose Farm Supplies
602	Business Management, Finance, and Taxation
102	Soil, Plant, Water, Nutrient Relationships

**Outcome #39****1. Outcome Measures**

Enhance the economic and environmental sustainability of Maine agriculture and aquaculture

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
307	Animal Management Systems

**Outcome #40****1. Outcome Measures**

Enhance the safety, sustainability, and dependability of Maine's food supply

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
307	Animal Management Systems

**Outcome #41****1. Outcome Measures**

Adopt appropriate practices

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	1127

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
302	Nutrient Utilization in Animals
301	Reproductive Performance of Animals
311	Animal Diseases
602	Business Management, Finance, and Taxation
308	Improved Animal Products (Before Harvest)
307	Animal Management Systems
315	Animal Welfare/Well-Being and Protection

**Outcome #42****1. Outcome Measures**

Create jobs

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	79

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
601	Economics of Agricultural Production and Farm Management
602	Business Management, Finance, and Taxation

**Outcome #43****1. Outcome Measures**

Increase consumption of locally-grown food

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	173

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #44****1. Outcome Measures**

Manage business to achieve profit

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	120

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

**Issue (Who cares and Why)**

**What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
601	Economics of Agricultural Production and Farm Management

**Outcome #45****1. Outcome Measures**

Provide learning opportunities for groups or organizations

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	63

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

**Issue (Who cares and Why)**

**What has been done**

**Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation

**Outcome #46****1. Outcome Measures**

Use new technologies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	671

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
311	Animal Diseases
307	Animal Management Systems
302	Nutrient Utilization in Animals
315	Animal Welfare/Well-Being and Protection
602	Business Management, Finance, and Taxation

**Outcome #47**

**1. Outcome Measures**

Describe an improved quality of life

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	31

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
307	Animal Management Systems
601	Economics of Agricultural Production and Farm Management

**Outcome #48**

**1. Outcome Measures**

Describe advantages of alternative crop management strategies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	146

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
602	Business Management, Finance, and Taxation
307	Animal Management Systems

**Outcome #49****1. Outcome Measures**

Adopt appropriate handling and storage technologies Adopt appropriate pest management practices Adopt appropriate practices Compost

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	0

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)**

International Carcass Disposal Symposium: The potential for epidemic livestock diseases and mass mortalities have increased the need for livestock producers and regulators to develop state-wide and national carcass management plans. Traditional methods of carcass management may not be capable of handling large numbers. Best practices need to be developed, evaluated, and shared to prepare for implementation. Bio-security is an integral part of the overall management plan.

**What has been done**

Extension programs staff from Iowa, Maine, and Pennsylvania worked with the USDA and the Cornell Waste Management Institute to co-sponsor the International Carcass Disposal Symposium: Connecting Research, Policy and Response in Beltsville Maryland in December 2006. Twenty-five presenters shared their collective expertise with more than 200 agriculture service providers from 46 states and eight countries.

**Results**

Many regulatory entities are now developing or modifying carcass management regulations in response to information transferred at the symposium. As an example, Michigan now has state policy that includes using best practices as an option for composting livestock mortalities, where none previously existed. California law, which currently does not allow composting of mammalian tissue, is being challenged based on scientific information disseminated at the Symposium. A best management program has been shared with regulators in Washington, Virginia, Iowa, California, Connecticut, Maine, Massachusetts, New York, and New Hampshire; and the USDA Animal, Plant Health Inspection Service (APHIS) has used the information to develop a decision protocol for emergency carcass management. These new regulations have positioned the U.S. livestock industry to better handle routine and catastrophic mortality events through increased awareness of bio-security and the need to protect the food supply.

#### 4. Associated Knowledge Areas

KA Code	Knowledge Area
307	Animal Management Systems
311	Animal Diseases

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

##### External factors which affected outcomes

- Economy
- Government Regulations
- Competing Public priorities

##### Brief Explanation

This year we had increased interest from individuals and agencies about estate planning and wealth transfer, specifically related to land and farming operations. This input necessitated additional programming in this area.

Stricter regulations of farm practices can pose challenges for farmers and create a negative economic affect as a result of increased expense or competitive disadvantage. Regulations changes this year have related to pesticide use, labor, and so called "nuisance" issues (noise, & odor).

The horse industry is greatly affected by changes in the general economy of the region. As personal income decreases the demand for lessons, boarding, training and breeding also decrease. As a result farm income from these enterprises decreases.

Lack of slaughterhouses and Federal/State inspection services in Maine are limiting local meat processing of large animals and poultry.

#### V(I). Planned Program (Evaluation Studies and Data Collection)

##### 1. Evaluation Studies Planned

- Before-After (before and after program)
- During (during program)
- Case Study
- Comparison between locales where the program operates and sites without program intervention

##### Evaluation Results

{No Data Entered}

##### Key Items of Evaluation

{No Data Entered}



**Program #16**

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

**1. Name of the Planned Program**

Pest Management

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

**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
211	Insects, Mites, and Other Arthropods Affecting Plants	25%		25%	
212	Pathogens and Nematodes Affecting Plants	18%		18%	
213	Weeds Affecting Plants	2%		2%	
215	Biological Control of Pests Affecting Plants	3%		3%	
216	Integrated Pest Management Systems	47%		47%	
721	Insects and Other Pests Affecting Humans	5%		5%	
<b>Total</b>		100%		100%	

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	10.1	0.0	1.4	0.0
<b>Actual</b>	7.4	0.0	1.3	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
65308	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
392100	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
1249561	0	0	0

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

**1. Brief description of the Activity**

•Client Consultation - Insect, Plant Disease, Pest Management •Cranberry Integrated Pest Management •Cranberry Related Fact Sheets •Educational Entomological Display •Fact Sheet - Wild Blueberry •Field Day - Blueberry Hill Farm Annual •Grower Site Visits •Insect Education - Bugmaine-ia •Integrated Pest Management •IR4 Residue/Efficacy Trials •Maine Agricultural Trade Show •Maine Cranberry Integrated Pest Management Guide •Master Gardener Training - Pests •Newsletter - Apple Pest Report •Newsletter - Wild Blueberry •Pesticide Applicator Training •Pesticide Applicator Training Certification Exams •Pesticide Applicator Training Educational Manuals •Plant Disease Diagnostics •Potato Integrated Pest Management •Presentations - Apple Integrated Pest Management •Public Presentations - Blueberries •School Presentations - Pest Management •Seminars and Training - Plant Disease Diagnostics •Soil & Water Conservation District Agricultural Conservation Fairs •Spring Wild Blueberry Meeting •Website - New England Pest Management Network •Website - Wild Blueberries •Wild Blueberry Farmer Site Visits •Wild Blueberry Integrated Crop Management

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

•Agency Staff or Professionals (Adult) •Agricultural Producers (Adult) •Agricultural Workers (Adult)  
 •Blueberry Growers (Adult) •Commercial Apple Growers (Adult) •Commercial Cranberry Growers (Adult)  
 •Commercial Potato Growers (Adult) •Consumers (Adult) •Extension - all staff (Adult) •Extension Faculty (Adult)  
 •Extension Professionals (Adult) •Farmers (Adult) •General Public (Adult) •General Public (Youth)  
 •Home Gardeners (Adult) •Homeowners (Adult) •Master Gardener Trainees (Adult) •Master Gardener Volunteers (Adult)  
 •Parent Educators (Adult) •Parents (Adult) •Pesticide Applicator Training Participants (Adult)  
 •Pesticide Applicators (Adult) •Policy Makers (Adult) •Scientists (Adult) •Student (Adult) •Students (Youth)  
 •Teachers (Adult) •Tourism Development Stakeholders (Adult) •Volunteers (Adult) •Youth (Youth) •Youth Educators (Adult)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	<b>Direct Contacts Adults</b>	<b>Indirect Contacts Adults</b>	<b>Direct Contacts Youth</b>	<b>Indirect Contacts Youth</b>
<b>Year</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>
<b>Plan</b>	7275	22265	5960	0
2007	17815	195183	5846	90210

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

**Patent Applications Submitted**

<b>Year</b>	<b>Target</b>
Plan:	0
2007 :	0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	<b>Extension</b>	<b>Research</b>	<b>Total</b>
<b>Plan</b>			
2007	0	0	0

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

**Output Target**

**Output #1****Output Measure**

- Direct - AV Resource

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	4	14980

**Output #2****Output Measure**

- Direct - Clinic

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1800	0

**Output #3****Output Measure**

- Direct - Collaborative or Cooperative Effort

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	510	6912

**Output #4****Output Measure**

- Direct - Conference or symposium

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	4	0

**Output #5****Output Measure**

- Direct - Consultation

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	675	0

**Output #6****Output Measure**

- Direct - Course

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	290	640

**Output #7****Output Measure**

- Direct - Demonstration Project

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	125	21

**Output #8****Output Measure**

- Direct - Display or exhibit

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	15	917

**Output #9****Output Measure**

- Direct - Group Presentation

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	6	30

**Output #10****Output Measure**

- Direct - Public Presentation

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	3	16

**Output #11****Output Measure**

- Direct - Seminar

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	22	1

**Output #12****Output Measure**

- Direct - Site visit

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	110	42

**Output #13****Output Measure**

- Direct - Volunteer Training

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	7	10

**Output #14****Output Measure**

- Direct - Workshop - series

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	18	25

**Output #15****Output Measure**

- Direct - Workshop - single session

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	14	6

**Output #16****Output Measure**

- Indirect - Applied Research

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	3	3

**Output #17****Output Measure**

- Indirect - Publication - booklet

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	1

**Output #18****Output Measure**

- Indirect - Publication - fact sheet

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	6	9

**Output #19****Output Measure**

- Indirect - Publication - manual

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1000	556

**Output #20****Output Measure**

- Indirect - Publication - newsletter

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	35	227

**Output #21****Output Measure**

- Indirect - Website

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	10	158076

**Output #22****Output Measure**

- Indirect - Written or e-mail response to Client Request

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	100	0

## V(G). State Defined Outcomes

## V. State Defined Outcomes Table of Content

O No.	OUTCOME NAME
1	Adopt and maintain integrated pest management strategies
2	Access relevant UMCE publications.
3	Access relevant UMCE web-based resources
4	Demonstrate IPM techniques
5	Demonstrate how to apply pesticides safely and effectively
6	Demonstrate how to diagnose pest problems
7	Demonstrate how to manage pests based on appropriate thresholds
8	Describe IPM techniques
9	Describe IPM technologies and benefits
10	Describe advantages of new technologies to improve crop yield and quality and to reduce environmental impacts and off-farm inputs
11	Describe alternative pest manage techniques
12	Describe environmental risks
13	Describe insects that affect agriculture
14	Describe integrated pest management (IPM) in wild blueberries and cranberries.
15	Describe personal risks
16	Describe plant and animal disorders
17	Describe production practices for wild blueberries and/or cranberries.
18	Describe sound agricultural practices
19	Describe the health benefits of consuming wild blueberries and cranberries.
20	Use UMaine Diagnostic Services
21	Acquire pesticide applicator certification
22	Adopt IPM strategies
23	Adopt appropriate technologies
24	Adopt practices that maintain long-term productivity
25	Adopt practices that maintain profitability
26	Develop environmentally sound technologies that improve economic viability
27	Expand IPM
28	Identify and respond to pest issues
29	Identify and respond to plant and animal disorders
30	Improve IPM
31	Maintain pesticide applicator certification
32	Make better decisions regarding pest management
33	Reduce the use of high-risk pesticides
34	Use pesticides safely
35	Use relevant UMCE web-based resources
36	Enhance the economic and environmental sustainability of Maine agriculture and aquaculture.
37	Enhance the safety, sustainability, and dependability of Maine's food supply.
38	Scout crops for pests
39	Describe cultural pest control practices
40	Describe financial benefits of integrated pest management (IPM)

41	<p>Adopt and maintain integrated pest management strategies Use UMaine Diagnostic Services Acquire pesticide applicator certification Adopt IPM strategies Adopt appropriate technologies Adopt practices that maintain long-term productivity Adopt practices that maintain profitability Develop environmentally sound technologies that improve economic viability Expand IPM Identify and respond to pest issues Identify and respond to plant and animal disorders Improve IPM Maintain pesticide applicator certification Make better decisions regarding pest management Reduce the use of high-risk pesticides Use pesticides safely</p>
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**Outcome #1****1. Outcome Measures**

Adopt and maintain integrated pest management strategies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	360	326

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
212	Pathogens and Nematodes Affecting Plants
721	Insects and Other Pests Affecting Humans
213	Weeds Affecting Plants
216	Integrated Pest Management Systems
211	Insects, Mites, and Other Arthropods Affecting Plants
215	Biological Control of Pests Affecting Plants

**Outcome #2****1. Outcome Measures**

Access relevant UMCE publications.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	120	3206

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done**

## Results

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
216	Integrated Pest Management Systems
215	Biological Control of Pests Affecting Plants
721	Insects and Other Pests Affecting Humans
212	Pathogens and Nematodes Affecting Plants
211	Insects, Mites, and Other Arthropods Affecting Plants
213	Weeds Affecting Plants

### Outcome #3

#### 1. Outcome Measures

Access relevant UMCE web-based resources

#### 2. Associated Institution Types

•1862 Extension

#### 3a. Outcome Type:

Change in Knowledge Outcome Measure

#### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	81900	86972

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
211	Insects, Mites, and Other Arthropods Affecting Plants
212	Pathogens and Nematodes Affecting Plants
215	Biological Control of Pests Affecting Plants
213	Weeds Affecting Plants
216	Integrated Pest Management Systems
721	Insects and Other Pests Affecting Humans

### Outcome #4

#### 1. Outcome Measures

Demonstrate IPM techniques

#### 2. Associated Institution Types

•1862 Extension



**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1850	125

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
213	Weeds Affecting Plants
216	Integrated Pest Management Systems
211	Insects, Mites, and Other Arthropods Affecting Plants
212	Pathogens and Nematodes Affecting Plants
721	Insects and Other Pests Affecting Humans

**Outcome #5****1. Outcome Measures**

Demonstrate how to apply pesticides safely and effectively

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1500	2228

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
212	Pathogens and Nematodes Affecting Plants
721	Insects and Other Pests Affecting Humans
213	Weeds Affecting Plants
216	Integrated Pest Management Systems

**Outcome #6**

**1. Outcome Measures**

Demonstrate how to diagnose pest problems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	2301	522

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
721	Insects and Other Pests Affecting Humans
211	Insects, Mites, and Other Arthropods Affecting Plants
216	Integrated Pest Management Systems
212	Pathogens and Nematodes Affecting Plants
213	Weeds Affecting Plants

**Outcome #7**

**1. Outcome Measures**

Demonstrate how to manage pests based on appropriate thresholds

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	2081	298

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

**Issue (Who cares and Why)**

**What has been done**

## Results

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
211	Insects, Mites, and Other Arthropods Affecting Plants
216	Integrated Pest Management Systems
213	Weeds Affecting Plants
721	Insects and Other Pests Affecting Humans
212	Pathogens and Nematodes Affecting Plants

### Outcome #8

#### 1. Outcome Measures

Describe IPM techniques

#### 2. Associated Institution Types

•1862 Extension

#### 3a. Outcome Type:

Change in Knowledge Outcome Measure

#### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	1600	130

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

Issue (Who cares and Why)

What has been done

Results

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
216	Integrated Pest Management Systems

### Outcome #9

#### 1. Outcome Measures

Describe IPM technologies and benefits

#### 2. Associated Institution Types

•1862 Extension

#### 3a. Outcome Type:

Change in Knowledge Outcome Measure

#### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	40	0

#### 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>
216	Integrated Pest Management Systems

**Outcome #10****1. Outcome Measures**

Describe advantages of new technologies to improve crop yield and quality and to reduce environmental impacts and off-farm inputs

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	800	360

**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>
216	Integrated Pest Management Systems

**Outcome #11****1. Outcome Measures**

Describe alternative pest manage techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	80	279

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
215	Biological Control of Pests Affecting Plants
216	Integrated Pest Management Systems

**Outcome #12****1. Outcome Measures**

Describe environmental risks

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	870	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
216	Integrated Pest Management Systems

**Outcome #13****1. Outcome Measures**

Describe insects that affect agriculture

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	800	1703

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
216	Integrated Pest Management Systems
721	Insects and Other Pests Affecting Humans
211	Insects, Mites, and Other Arthropods Affecting Plants

**Outcome #14**

**1. Outcome Measures**

Describe integrated pest management (IPM) in wild blueberries and cranberries.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	60	102

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
216	Integrated Pest Management Systems
213	Weeds Affecting Plants

**Outcome #15****1. Outcome Measures**

Describe personal risks

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	650	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
216	Integrated Pest Management Systems

**Outcome #16****1. Outcome Measures**

Describe plant and animal disorders

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1400	487

**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>
721	Insects and Other Pests Affecting Humans
212	Pathogens and Nematodes Affecting Plants
215	Biological Control of Pests Affecting Plants
211	Insects, Mites, and Other Arthropods Affecting Plants
216	Integrated Pest Management Systems

**Outcome #17****1. Outcome Measures**

Describe production practices for wild blueberries and/or cranberries.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	400	0

**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>
216	Integrated Pest Management Systems

**Outcome #18****1. Outcome Measures**

Describe sound agricultural practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	1200	125

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

**Issue (Who cares and Why)**



**What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
216	Integrated Pest Management Systems

**Outcome #19****1. Outcome Measures**

Describe the health benefits of consuming wild blueberries and cranberries.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1500	546

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

Issue (Who cares and Why)

**What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
216	Integrated Pest Management Systems
721	Insects and Other Pests Affecting Humans

**Outcome #20****1. Outcome Measures**

Use UMaine Diagnostic Services

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	6300	309

**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>
212	Pathogens and Nematodes Affecting Plants
213	Weeds Affecting Plants
216	Integrated Pest Management Systems
211	Insects, Mites, and Other Arthropods Affecting Plants
721	Insects and Other Pests Affecting Humans

**Outcome #21**

**1. Outcome Measures**

Acquire pesticide applicator certification

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	590	402

**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>
216	Integrated Pest Management Systems

**Outcome #22**

**1. Outcome Measures**

Adopt IPM strategies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	35

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
213	Weeds Affecting Plants
721	Insects and Other Pests Affecting Humans
212	Pathogens and Nematodes Affecting Plants
211	Insects, Mites, and Other Arthropods Affecting Plants
216	Integrated Pest Management Systems

**Outcome #23****1. Outcome Measures**

Adopt appropriate technologies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	450	106

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
216	Integrated Pest Management Systems
215	Biological Control of Pests Affecting Plants

**Outcome #24**

**1. Outcome Measures**

Adopt practices that maintain long-term productivity

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	420	3389

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
216	Integrated Pest Management Systems
215	Biological Control of Pests Affecting Plants

**Outcome #25**

**1. Outcome Measures**

Adopt practices that maintain profitability

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	420	659

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
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215 Biological Control of Pests Affecting Plants  
 216 Integrated Pest Management Systems

**Outcome #26**

**1. Outcome Measures**

Develop environmentally sound technologies that improve economic viability

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	200	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
216	Integrated Pest Management Systems

**Outcome #27**

**1. Outcome Measures**

Expand IPM

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	300	56

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
215	Biological Control of Pests Affecting Plants
216	Integrated Pest Management Systems

**Outcome #28****1. Outcome Measures**

Identify and respond to pest issues

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	2300	782

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
212	Pathogens and Nematodes Affecting Plants
215	Biological Control of Pests Affecting Plants
213	Weeds Affecting Plants
211	Insects, Mites, and Other Arthropods Affecting Plants
216	Integrated Pest Management Systems
721	Insects and Other Pests Affecting Humans

**Outcome #29****1. Outcome Measures**

Identify and respond to plant and animal disorders

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	240	441

**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>
213	Weeds Affecting Plants
215	Biological Control of Pests Affecting Plants
721	Insects and Other Pests Affecting Humans
211	Insects, Mites, and Other Arthropods Affecting Plants
216	Integrated Pest Management Systems
212	Pathogens and Nematodes Affecting Plants

**Outcome #30**

**1. Outcome Measures**

Improve IPM

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	500	5

**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>
213	Weeds Affecting Plants
211	Insects, Mites, and Other Arthropods Affecting Plants
212	Pathogens and Nematodes Affecting Plants
215	Biological Control of Pests Affecting Plants
721	Insects and Other Pests Affecting Humans
216	Integrated Pest Management Systems

**Outcome #31**

**1. Outcome Measures**

Maintain pesticide applicator certification

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	3200	213

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
216	Integrated Pest Management Systems

**Outcome #32****1. Outcome Measures**

Make better decisions regarding pest management

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1100	1548

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
216	Integrated Pest Management Systems
215	Biological Control of Pests Affecting Plants

**Outcome #33**



**1. Outcome Measures**

Reduce the use of high-risk pesticides

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	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
216	Integrated Pest Management Systems

**Outcome #34****1. Outcome Measures**

Use pesticides safely

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	350	96

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
211	Insects, Mites, and Other Arthropods Affecting Plants

213	Weeds Affecting Plants
721	Insects and Other Pests Affecting Humans
212	Pathogens and Nematodes Affecting Plants
216	Integrated Pest Management Systems

**Outcome #35****1. Outcome Measures**

Use relevant UMCE web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	19540	37825

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
216	Integrated Pest Management Systems
211	Insects, Mites, and Other Arthropods Affecting Plants
215	Biological Control of Pests Affecting Plants
213	Weeds Affecting Plants
721	Insects and Other Pests Affecting Humans
212	Pathogens and Nematodes Affecting Plants

**Outcome #36****1. Outcome Measures**

Enhance the economic and environmental sustainability of Maine agriculture and aquaculture.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
216	Integrated Pest Management Systems

**Outcome #37****1. Outcome Measures**

Enhance the safety, sustainability, and dependability of Maine's food supply.

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
216	Integrated Pest Management Systems

**Outcome #38****1. Outcome Measures**

Scout crops for pests

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	6

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
213	Weeds Affecting Plants
212	Pathogens and Nematodes Affecting Plants
216	Integrated Pest Management Systems
211	Insects, Mites, and Other Arthropods Affecting Plants
721	Insects and Other Pests Affecting Humans

**Outcome #39**

**1. Outcome Measures**

Describe cultural pest control practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	16

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
213	Weeds Affecting Plants
721	Insects and Other Pests Affecting Humans
212	Pathogens and Nematodes Affecting Plants
216	Integrated Pest Management Systems

**Outcome #40**

**1. Outcome Measures**

Describe financial benefits of integrated pest management (IPM)

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	3

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
216	Integrated Pest Management Systems

**Outcome #41**

**1. Outcome Measures**

Adopt and maintain integrated pest management strategies Use UMaine Diagnostic Services Acquire pesticide applicator certification Adopt IPM strategies Adopt appropriate technologies Adopt practices that maintain long-term productivity Adopt practices that maintain profitability Develop environmentally sound technologies that improve economic viability Expand IPM Identify and respond to pest issues Identify and respond to plant and animal disorders Improve IPM Maintain pesticide applicator certification Make better decisions regarding pest management Reduce the use of high-risk pesticides Use pesticides safely

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	0

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

**Issue (Who cares and Why)**

Integrated Pest Management: The identification, management, and control of plant and animal pests is integral to successful farming, and beneficial to the environment and human health.

#### What has been done

During 2007, UMaine Extensions Potato Integrated Pest Management (IPM) program monitored for pests and disease using insect traps, field scouts, and electronic monitoring stations. Up to the minute information was disseminated through consultations (more than 4,500), the Maine the Potato Hot Line (more than 900 calls), and our IPM Web site (336,000 visits). We trained 40 individuals and two consulting firms in IPM scouting techniques and produced a weekly newsletter for approximately 350 industry professionals.

#### Results

Results: Our monitoring efforts identified a very low population of aphids. Most growers were able to skip at least one calendar aphicide application on approximately 58,000 acres, saving approximately \$1.22 million in chemical and application expense. We also identified lower populations of European corn borer, with only three percent of acreage needing treatment, saving approximately \$341,000 in expense from the previous season. Both potato leafhopper and potato flea beetle were identified as having exceeded economic thresholds in some locations, requiring treatments to avoid an estimated \$365,200 in losses. Collectively, the monitoring efforts of our Potato Integrated Pest Management Program in 2007 resulted in approximately \$1.93 million in savings from reduced pesticide expense and targeted timely treatments to avoid losses.

#### 4. Associated Knowledge Areas

KA Code	Knowledge Area
211	Insects, Mites, and Other Arthropods Affecting Plants
212	Pathogens and Nematodes Affecting Plants
216	Integrated Pest Management Systems
721	Insects and Other Pests Affecting Humans
215	Biological Control of Pests Affecting Plants
213	Weeds Affecting Plants

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

##### External factors which affected outcomes

- Appropriations changes
- Public Policy changes
- Government Regulations

##### Brief Explanation

The federal funding which supports our Potato Integrated Pest Management (IPM) program was not awarded in FY07, and was approximately 50 percent of its pre-2007 level during FY08.

During 2007 the state of Maine passed legislation requiring that IPM be practiced in all state owned or leased buildings, creating a need for statewide assessment and education by our program staff.

#### V(I). Planned Program (Evaluation Studies and Data Collection)

##### 1. Evaluation Studies Planned

- After Only (post program)
- Comparison between locales where the program operates and sites without program intervention

##### Evaluation Results

{No Data Entered}

##### Key Items of Evaluation

{No Data Entered}

**Program #17**

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

**1. Name of the Planned Program**

Sustainable Communities

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

**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
111	Conservation and Efficient Use of Water	15%		15%	
112	Watershed Protection and Management	15%		15%	
133	Pollution Prevention and Mitigation	10%		10%	
136	Conservation of Biological Diversity	10%		10%	
403	Waste Disposal, Recycling, and Reuse	10%		10%	
605	Natural Resource and Environmental Economics	10%		10%	
608	Community Resource Planning and Development	10%		10%	
724	Healthy Lifestyle	10%		10%	
802	Human Development and Family Well-Being	5%		5%	
803	Sociological and Technological Change Affecting Individuals, Families and Communities	5%		5%	
<b>Total</b>		100%		100%	

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	2.1	0.0	0.3	0.0
<b>Actual</b>	0.8	0.0	0.3	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
34371	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
107928	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
28465	0	0	0

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

**1. Brief description of the Activity**

•Collaborative Fisheries Management Workshops •Food Donated to food cupboards and soup kitchens •Large-scale community vision-to-action projects •Public Issue education through facilitated community forums and conferences •Public Issue Education via Talk of the Towns and Family Radio Forum •Smart Growth Demonstration Projects •Smart Growth Programming •Sustainability Series

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

•Commercial Fishing Industry Organization Members (Adult) •Community Leaders (Adult) •Community Members (Adult) •General Public (Adult) •Home Gardeners (Adult) •Homeowners (Adult) •Municipal Officials (Adult) •Radio Program Audience (Adult) •Scientists (Adult) •Small or Home-Based Business Owners - Current (Adult) •Tourism Development Stakeholders (Adult) •Working Waterfront Industry Owners (Adult)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	400	7500	0	0
2007	464	17000	0	0

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

**Patent Applications Submitted**

Year	Target
Plan:	0
2007 :	0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	Extension	Research	Total
Plan			
2007	0	0	0

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

**Output Target**



**Output #1****Output Measure**

- Direct - Conference or symposium

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	1

**Output #2****Output Measure**

- Direct - Demonstration Project

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	21	1

**Output #3****Output Measure**

- Direct - Public Presentation

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	20	1132

**Output #4****Output Measure**

- Direct - Seminar

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	56

**Output #5****Output Measure**

- Direct - Workshop - series

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	58

**Output #6****Output Measure**

- Direct - Workshop - single session

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	3	4

**Output #7****Output Measure**

- Indirect - Radio Program

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	24	22

## V(G). State Defined Outcomes

## V. State Defined Outcomes Table of Content

O No.	OUTCOME NAME
1	Promote community responsibility and action
2	Promote personal responsibility and action
3	Reduce use of fossil fuels
4	Reduce waste stream
5	Reduces greenhouse gasses
6	Enhance the economic and environmental sustainability of Maine agriculture and aquaculture
7	Enhance the safety, sustainability, and dependability of Maine's food supply
8	Increase the economic and social viability and sustainability of Maine communities
9	Protect and enhance Maine's natural resources and environment through sustainable stewardship
10	Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness
11	Demonstrate how to assess and manage marine resources
12	Demonstrate how to compost
13	Demonstrate how to evaluate the effectiveness of existing policies or practices
14	Demonstrate how to influence environmentally-sound public policies
15	Demonstrate sustainable living principles and practices
16	Describe fisheries management practices that are environmentally and socially sound and lead to long-term economic viability
17	Describe how to balance ecological, social and economic needs
18	Describe importance of involving a broad range of stakeholders to assess the skills, resources, opportunities present in their community
19	Describe sources of locally-produced food
20	Describe sustainable living principles and practices
21	Describe the effects of individual and cumulative decisions and actions on local and global ecosystems
22	Describe water and land interaction, and related water-quality issues
23	Describe ways to reduce climate change
24	Adopt appropriate practices
25	Adopt appropriate technologies
26	Adopt lower impact lifestyles
27	Conduct community service or outreach
28	Develop local food production and distribution systems
29	Increase consumption of locally-grown food
30	Increase levels of community participation and decision making
31	Make better decision regarding natural resource management
32	Balance roles, responsibilities, and stress
33	Compost
34	Engage positively in their community
35	Facilitate community discussions
36	Pounds of food donated
37	Promote healthy relationships
38	Promote municipal responsibilities and action
39	Reduce pesticide use
40	Demonstrate basic business management skills

41	Demonstrate how to identify and access existing policies or practices
42	Demonstrate strategies to create a preferred community future
43	Describe ecological principles
44	Describe process for assessing organizational and community needs

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

Promote community responsibility and action

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	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
803	Sociological and Technological Change Affecting Individuals, Families and Communities
608	Community Resource Planning and Development

**Outcome #2****1. Outcome Measures**

Promote personal responsibility and action

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	60	122

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
111	Conservation and Efficient Use of Water
724	Healthy Lifestyle
403	Waste Disposal, Recycling, and Reuse
802	Human Development and Family Well-Being

**Outcome #3**

**1. Outcome Measures**

Reduce use of fossil fuels

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	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
605	Natural Resource and Environmental Economics
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #4**

**1. Outcome Measures**

Reduce waste stream

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	122

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation
112	Watershed Protection and Management

**Outcome #5**

**1. Outcome Measures**

Reduces greenhouse gasses

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	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
133	Pollution Prevention and Mitigation
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #6**

**1. Outcome Measures**

Enhance the economic and environmental sustainability of Maine agriculture and aquaculture

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
133	Pollution Prevention and Mitigation
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #7**

**1. Outcome Measures**

Enhance the safety, sustainability, and dependability of Maine's food supply

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
803	Sociological and Technological Change Affecting Individuals, Families and Communities
133	Pollution Prevention and Mitigation

**Outcome #8**

**1. Outcome Measures**

Increase the economic and social viability and sustainability of Maine communities

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #9**

**1. Outcome Measures**

Protect and enhance Maine's natural resources and environment through sustainable stewardship

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
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403	Waste Disposal, Recycling, and Reuse
803	Sociological and Technological Change Affecting Individuals, Families and Communities
605	Natural Resource and Environmental Economics
133	Pollution Prevention and Mitigation

**Outcome #10**

**1. Outcome Measures**

Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
803	Sociological and Technological Change Affecting Individuals, Families and Communities
724	Healthy Lifestyle

**Outcome #11**

**1. Outcome Measures**

Demonstrate how to assess and manage marine resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	180	259

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

**Issue (Who cares and Why)**

**What has been done**

## Results

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation
605	Natural Resource and Environmental Economics

### Outcome #12

#### 1. Outcome Measures

Demonstrate how to compost

#### 2. Associated Institution Types

•1862 Extension

#### 3a. Outcome Type:

Change in Knowledge Outcome Measure

#### 3b. Quantitative Outcome

Year	Quantitative Target	Actual
2007	35	135

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

Issue (Who cares and Why)

What has been done

Results

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
605	Natural Resource and Environmental Economics
608	Community Resource Planning and Development
111	Conservation and Efficient Use of Water

### Outcome #13

#### 1. Outcome Measures

Demonstrate how to evaluate the effectiveness of existing policies or practices

#### 2. Associated Institution Types

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	35	12

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
605	Natural Resource and Environmental Economics
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation
608	Community Resource Planning and Development
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #14****1. Outcome Measures**

Demonstrate how to influence environmentally-sound public policies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	70	30

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
605	Natural Resource and Environmental Economics
403	Waste Disposal, Recycling, and Reuse

608	Community Resource Planning and Development
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #15****1. Outcome Measures**

Demonstrate sustainable living principles and practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	35	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
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse
605	Natural Resource and Environmental Economics
133	Pollution Prevention and Mitigation

**Outcome #16****1. Outcome Measures**

Describe fisheries management practices that are environmentally and socially sound and lead to long-term economic viability

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	248

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
605	Natural Resource and Environmental Economics
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation

**Outcome #17**

**1. Outcome Measures**

Describe how to balance ecological, social and economic needs

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	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
803	Sociological and Technological Change Affecting Individuals, Families and Communities
403	Waste Disposal, Recycling, and Reuse
605	Natural Resource and Environmental Economics

**Outcome #18**

**1. Outcome Measures**

Describe importance of involving a broad range of stakeholders to assess the skills, resources, opportunities present in their community

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	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

**Outcome #19****1. Outcome Measures**

Describe sources of locally-produced food

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	120	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
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #20****1. Outcome Measures**

Describe sustainable living principles and practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	65	803

**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
608	Community Resource Planning and Development
605	Natural Resource and Environmental Economics

**Outcome #21**

**1. Outcome Measures**

Describe the effects of individual and cumulative decisions and actions on local and global ecosystems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	225

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation

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802	Human Development and Family Well-Being
403	Waste Disposal, Recycling, and Reuse
608	Community Resource Planning and Development
605	Natural Resource and Environmental Economics
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #22****1. Outcome Measures**

Describe water and land interaction, and related water-quality issues

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	75	923

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management
133	Pollution Prevention and Mitigation
605	Natural Resource and Environmental Economics
111	Conservation and Efficient Use of Water

**Outcome #23****1. Outcome Measures**

Describe ways to reduce climate change

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	60	0

**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>
136	Conservation of Biological Diversity
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
111	Conservation and Efficient Use of Water
133	Pollution Prevention and Mitigation

**Outcome #24****1. Outcome Measures**

Adopt appropriate practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	120	1127

**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>
112	Watershed Protection and Management
136	Conservation of Biological Diversity
608	Community Resource Planning and Development
111	Conservation and Efficient Use of Water
605	Natural Resource and Environmental Economics
133	Pollution Prevention and Mitigation
403	Waste Disposal, Recycling, and Reuse

**Outcome #25****1. Outcome Measures**

Adopt appropriate technologies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	106

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
133	Pollution Prevention and Mitigation
605	Natural Resource and Environmental Economics
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
608	Community Resource Planning and Development

**Outcome #26**

**1. Outcome Measures**

Adopt lower impact lifestyles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	15	753

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
403	Waste Disposal, Recycling, and Reuse
111	Conservation and Efficient Use of Water

**Outcome #27**

**1. Outcome Measures**

Conduct community service or outreach

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	27	2093

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
403	Waste Disposal, Recycling, and Reuse
724	Healthy Lifestyle
802	Human Development and Family Well-Being
133	Pollution Prevention and Mitigation
803	Sociological and Technological Change Affecting Individuals, Families and Communities
608	Community Resource Planning and Development

**Outcome #28**

**1. Outcome Measures**

Develop local food production and distribution systems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1	0

**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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities
608	Community Resource Planning and Development

**Outcome #29****1. Outcome Measures**

Increase consumption of locally-grown food

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	27	173

**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>
133	Pollution Prevention and Mitigation
608	Community Resource Planning and Development
403	Waste Disposal, Recycling, and Reuse
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #30****1. Outcome Measures**

Increase levels of community participation and decision making

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	42	0

**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

**Outcome #31****1. Outcome Measures**

Make better decision regarding natural resource management

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	10	11

**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>
133	Pollution Prevention and Mitigation
403	Waste Disposal, Recycling, and Reuse
605	Natural Resource and Environmental Economics
608	Community Resource Planning and Development
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #32****1. Outcome Measures**

Balance roles, responsibilities, and stress

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	12

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
802	Human Development and Family Well-Being
608	Community Resource Planning and Development
724	Healthy Lifestyle

**Outcome #33**

**1. Outcome Measures**

Compost

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	79

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water

**Outcome #34**

**1. Outcome Measures**

Engage positively in their community

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	401

**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
724	Healthy Lifestyle
803	Sociological and Technological Change Affecting Individuals, Families and Communities
802	Human Development and Family Well-Being
133	Pollution Prevention and Mitigation
403	Waste Disposal, Recycling, and Reuse

**Outcome #35**

**1. Outcome Measures**

Facilitate community discussions

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	15

**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>
133	Pollution Prevention and Mitigation
403	Waste Disposal, Recycling, and Reuse
608	Community Resource Planning and Development
803	Sociological and Technological Change Affecting Individuals, Families and Communities
724	Healthy Lifestyle
605	Natural Resource and Environmental Economics
802	Human Development and Family Well-Being

**Outcome #36****1. Outcome Measures**

Pounds of food donated

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	{No Data Entered}	7053

**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
608	Community Resource Planning and Development
724	Healthy Lifestyle

**Outcome #37****1. Outcome Measures**

Promote healthy relationships

**2. Associated Institution Types**

•1862 Extension



**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	24

**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
724	Healthy Lifestyle

**Outcome #38****1. Outcome Measures**

Promote municipal responsibilities and action

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	18

**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
608	Community Resource Planning and Development

**Outcome #39**

**1. Outcome Measures**

Reduce pesticide use

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	2

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
133	Pollution Prevention and Mitigation

**Outcome #40**

**1. Outcome Measures**

Demonstrate basic business management skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	20

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
---------	----------------

133	Pollution Prevention and Mitigation
608	Community Resource Planning and Development
403	Waste Disposal, Recycling, and Reuse
605	Natural Resource and Environmental Economics

**Outcome #41**

**1. Outcome Measures**

Demonstrate how to identify and access existing policies or practices

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	11

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
133	Pollution Prevention and Mitigation
608	Community Resource Planning and Development
112	Watershed Protection and Management
605	Natural Resource and Environmental Economics
403	Waste Disposal, Recycling, and Reuse

**Outcome #42**

**1. Outcome Measures**

Demonstrate strategies to create a preferred community future

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	25

**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
605	Natural Resource and Environmental Economics
403	Waste Disposal, Recycling, and Reuse
133	Pollution Prevention and Mitigation

**Outcome #43**

**1. Outcome Measures**

Describe ecological principles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	1657

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
111	Conservation and Efficient Use of Water
605	Natural Resource and Environmental Economics
403	Waste Disposal, Recycling, and Reuse
608	Community Resource Planning and Development
112	Watershed Protection and Management
136	Conservation of Biological Diversity

**Outcome #44**

**1. Outcome Measures**

Describe process for assessing organizational and community needs

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	23

**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
605	Natural Resource and Environmental Economics

**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**

{No Data Entered}

**V(I). Planned Program (Evaluation Studies and Data Collection)****1. Evaluation Studies Planned**

- Retrospective (post program)
- Before-After (before and after program)
- Comparisons between program participants (individuals, group, organizations) and non-participants
- Comparisons between different groups of individuals or program participants experiencing different levels of program intensity.

**Evaluation Results**

{No Data Entered}

**Key Items of Evaluation**

{No Data Entered}

**Program #18**

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

**1. Name of the Planned Program**

Youth Development

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

**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
133	Pollution Prevention and Mitigation	5%		5%	
134	Outdoor Recreation	15%		15%	
724	Healthy Lifestyle	20%		20%	
801	Individual and Family Resource Management	5%		5%	
802	Human Development and Family Well-Being	15%		15%	
803	Sociological and Technological Change Affecting Individuals, Families and Communities	10%		10%	
805	Community Institutions, Health, and Social Services	3%		3%	
806	Youth Development	27%		27%	
<b>Total</b>		<b>100%</b>		<b>100%</b>	

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	8.8	0.0	0.6	0.0
<b>Actual</b>	8.3	0.0	0.1	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
313888	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
930621	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
194827	0	0	0

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

**1. Brief description of the Activity**

•4-H Afterschool •4-H Civil Rights Teams •4-H Club Leader Development and Support •4-H Club Support •4-H County Club Program •4-H County Club Programs •4-H Earth Connections Day Camp •4-H leader and volunteer development •4-H Super Sitter •4-H Youth In Governance •Adult 4-H Volunteer Trainings •County 4-H Leadership Team •County Executive Committee Support •Create and implement teen leadership trainings and opportunities, youth and adult partnerships in service learning, leadership and team building programs for 4-H. Provide technical assistance to community collaborations and youth and adult partnership initiatives. •Cumberland County 4-H School Enrichment •Financial Literacy for High School Students •GIS/GPS Training •Healthy Life Styles- Community Programs •Healthy Lifestyles- Safe Operation of Farm Tractors and Equipment •Healthy Lifestyles: 4-H School Enrichment •Healthy Lifestyles: 4-H School Enrichment •Japanese Exchange Program •Knox-Lincoln Counties 4-H School Enrichment •Maine 4-H GIS/GPS Project-Cumberland County •Maine 4-H GIS/GPS Project-Franklin County •Maine 4-H International Exchanges/month long summer exchange •New 4-H Volunteer Training •New Media On-line Communities Outreach - Youth Community Action YouthCAN Website & Dream Now Website; research into engaging adults in Youth Community Action •Operation Military Kids •Outreach to new audiences - Native American Communities; Operation Military Kids •Professional Development via Conference Workshops & Presentations - Citizenship Washington Focus (CWF); Children, Youth, and Families at Risk (CYFAR); Youth Voices; and National 4-H Conference (N4-HC); and National 4-H Educators Association (NAE4-HA) •Professional Development via Conference Workshops & Presentations - Citizenship Washington Focus (CWF) •Promote positive learning experiences that promote healthy life choices. •Provide Technical assistance and team consultations with community and school based groups delivering or initiating out of school based programs. Initiatives are designed to provide young people with safe and quality out of school programs. •Summer Camps - 4-H Day Camp •Tanglewood Leadership Program •Tanglewood Summer Residential Camp •Teen and Older 4-H Member Leadership Development •Teen Leadership Council Entrepreneurship Activities •Volunteer Development - Clubs and 4-H Afterschool •York County 4-H Discovery Arts •Youth/Adult Partnership Building via Maine Teen Leadership Conferences - EDGE, Bangor, Sunday River

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

•4-H Community or Project Clubs Participants (Youth) •4-H Independent Members (Youth) •4-H Leader or Project Skills Training Program Participants (Youth) •4-H Leaders (Adult) •4-H Leaders (Youth) •4-H Members (Youth) •4-H Special Interest or Short-Term Program Participants (Youth) •4-H Volunteers (Adult) •4-H Volunteers (Youth) •Adults with Disabilities (Adults) •Agency Staff or Professionals (Adult) •Agricultural Workers (Adult) •Community Leaders (Adult) •Community Members (Adult) •Community Organization Members or Staff (Adult) •County Executive Committee Members (Adult) •Extension - all staff (Adult) •Extension Faculty (Adult) •Extension Professionals (Adult) •Families (Adult) •Families (Youth) •General Public (Adult) •Master Gardener Volunteers (Adult) •Media People (Adult) •Municipal Officials (Adult) •Parents (Adult) •School Administrators (Adult) •School Board Members (Adult) •School Enrichment Program Participants (Youth) •Student (Adult) •Students (Youth) •Teachers (Adult) •Tourism Development Stakeholders (Adult) •Volunteers (Adult) •Volunteers (Youth) •Youth (Youth) •Youth Educators (Adult)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	<b>Direct Contacts Adults</b>	<b>Indirect Contacts Adults</b>	<b>Direct Contacts Youth</b>	<b>Indirect Contacts Youth</b>
<b>Year</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>
<b>Plan</b>	1353	0	4698	0
2007	3224	211	12703	1519

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

**Patent Applications Submitted**

**Year Target**  
**Plan:** 0  
 2007 : 0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	<b>Extension</b>	<b>Research</b>	<b>Total</b>
<b>Plan</b>			
2007	0	0	0

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

**Output Target**



**Output #1****Output Measure**

- Direct - 4-H After School

Year	Target	Actual
2007	12	47

**Output #2****Output Measure**

- Direct - 4-H Club - Community

Year	Target	Actual
2007	50	103

**Output #3****Output Measure**

- Direct - 4-H Club - Project

Year	Target	Actual
2007	150	542

**Output #4****Output Measure**

- Direct - 4-H Day Camp

Year	Target	Actual
2007	5	5

**Output #5****Output Measure**

- Direct - 4-H Overnight Camp

Year	Target	Actual
2007	525	20

**Output #6****Output Measure**

- Direct - 4-H School Enrichment

Year	Target	Actual
2007	50	29

**Output #7****Output Measure**

- Direct - 4-H Short-term

Year	Target	Actual
2007	3	1

**Output #8****Output Measure**

- Direct - 4-H Special Interest

Year	Target	Actual
2007	250	440

**Output #9****Output Measure**

- Direct - Experiential Learning

Year	Target	Actual
2007	8	0

**Output #10****Output Measure**

- Direct - Collaborative or Cooperative Effort

Year	Target	Actual
2007	{No Data Entered}	13

**Output #11****Output Measure**

- Direct - Conference or symposium; Planning and/or participation

Year	Target	Actual
2007	{No Data Entered}	6

**Output #12****Output Measure**

- Direct - Consultation; phone, written, in-person

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	{No Data Entered}	70

**Output #13****Output Measure**

- Direct - Train the Trainer

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	{No Data Entered}	15

**Output #14****Output Measure**

- Direct - Volunteer training

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	{No Data Entered}	89

**Output #15****Output Measure**

- Direct - Workshop - series

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	{No Data Entered}	2

**Output #16****Output Measure**

- Indirect - Resulting from Train the Trainer

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	{No Data Entered}	1

## V(G). State Defined Outcomes

## V. State Defined Outcomes Table of Content

O No.	OUTCOME NAME
1	Demonstrate animal handling practices
2	Demonstrate basic facilitation skills
3	Demonstrate best practices for community groups and organizations
4	Demonstrate conflict management or mediation skills
5	Demonstrate effective collaboration skills and techniques
6	Demonstrate effective relationship skills
7	Demonstrate healthy lifestyle choices
8	Demonstrate how to apply animal behavior principles to safe animal management and handling
9	Demonstrate how to build relationships
10	Demonstrate how to collect and analyze data
11	Demonstrate how to communicate effectively
12	Demonstrate how to confront disrespectful behavior
13	Demonstrate how to create effective partnerships
14	Demonstrate how to create new media that promotes positive human development
15	Demonstrate how to create safe spaces
16	Demonstrate how to effectively lead organizations or community groups
17	Demonstrate how to identify native flora and fauna
18	Demonstrate how to identify needs that can be met through community service activities
19	Demonstrate how to keep good records
20	Demonstrate how to operate farm equipment safely
21	Demonstrate how to reduce, reuse, recycle, and refuse
22	Demonstrate how to respect others
23	Demonstrate how to respond to an emergency situation
24	Demonstrate how to set goals and priorities
25	Demonstrate how to support development of whole people
26	Demonstrate how to use basic facilitation skills to run effective meetings
27	Demonstrate how to use dietary guidelines and food guide pyramid to plan menus or choose foods
28	Demonstrate how to use science process skills
29	Demonstrate how to use technology
30	Demonstrate improved communication skills
31	Demonstrate leadership skills
32	Demonstrate planning and organizational skills
33	Demonstrate positive engagement in their communities
34	Demonstrate project-related science or technology skills
35	Demonstrate public speaking skills
36	Demonstrate safe behavior and safety practices
37	Demonstrate science and technology skills needed in the workforce
38	Describe another culture
39	Describe benefits of community involvement
40	Describe careers in science and technology
41	Describe gender stereotypes and their effects

- |    |   |
|----|---|
| 42 | Describe healthy lifestyle choices  |
| 43 | Describe how to integrate regular physical activity into daily lives in a variety of ways |
| 44 | Describe learning that occurred through a service activity                                |
| 45 | Describe principles of good communication   |
| 46 | Describe relationships between humans and wildlife  |
| 47 | Describe science and technology skills needed in the workforce                            |
| 48 | Describe self as part of the web of life  |
| 49 | Describe sustainable living principles and practices                                      |
| 50 | Describe the benefits of physical activity  |
| 51 | Describe the ecosystems where they live   |
| 52 | Describe the effect of cultural and media messages  |
| 53 | Describe the effects of decisions and actions on local and global ecosystems              |
| 54 | Describe the health dangers of childhood obesity  |
| 55 | Describe the laws of ecology  |
| 56 | Describe the value of community involvement and civic participation                       |
| 57 | Demonstrate appreciation of diversity   |
| 58 | Describe the watershed where they live  |
| 59 | Describe ways science and technology skills can be useful to the community                |
| 60 | Describe ways to observe, explore, and experience nature                                  |
| 61 | Develop a plan for increasing physical activity   |
| 62 | Learn to develop a plan to help prevent childhood obesity                                 |
| 63 | Conduct tours of agricultural employers in Maine  |
| 64 | Adopt appropriate technologies  |
| 65 | Adopt lower impact lifestyles   |
| 66 | Adopt the USDA dietary guidelines and the food guide pyramid                              |
| 67 | Assume personal responsibility for health   |
| 68 | Balance roles, responsibilities, and stress   |
| 69 | Be a global citizen   |
| 70 | Conduct community service or outreach   |
| 71 | Conduct community service or outreach using science and technology skills                 |
| 72 | Create and sustain effective partnerships and collaborations                              |
| 73 | Create learning opportunities based on principles of positive human development           |
| 74 | Create learning opportunities that are safe and empowering                                |
| 75 | Develop a financial plan  |
| 76 | Develop a sense of belonging to a community   |
| 77 | Develop community resources   |
| 78 | Develop literacy and critical thinking skills   |
| 79 | Develop skills that promote healthy relationships   |
| 80 | Engage in leadership development  |
| 81 | Engage positively in their community  |
| 82 | Ensure that all people feel safe and accepted   |
| 83 | Facilitate meetings effectively   |
| 84 | Handle animals safely   |
| 85 | Identify and solve problems using science and technology skills                           |
| 86 | Increase capacity to achieve goals  |
| 87 | Increase capacity to establish goals or make decisions                                    |
| 88 | Integrate regular physical activity into daily life                                       |
| 89 | Keep livestock healthy  |

90	Make better decisions
91	Make better decisions regarding healthy lifestyle
92	Make better decisions regarding healthy lifestyle using improved literacy and critical thinking skills
93	Manage community resources
94	Model positive group behavior to others
95	Operate equipment safely
96	Participate in leadership roles
97	Participation in 4-H Dairy projects and events
98	Practice safety
99	Support and mentor others in leadership roles
100	Take leadership role
101	Teach effectively
102	Treat all people with dignity and respect
103	Use clear and effective communication skills
104	Use new technologies
105	Work effectively with diverse groups
106	Work productively in a team
107	Enhance the economic and environmental sustainability of Maine agriculture and aquaculture
108	Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness
109	Increase the economic and social viability and sustainability of Maine communities
110	Protect and enhance Maine's natural resources and environment through sustainable stewardship
111	Adopt record-keeping system
112	Collect information and communicate results
113	Create safe and empowering learning opportunities
114	Develop a business plan
115	Increase volunteerism
116	Lead effectively
117	Promote healthy relationships
118	Protect or conserve biodiversity and habitat including native plant and animal species
119	Use relevant UMaine Extension web-based resources
120	Demonstrate animal management skills
121	Demonstrate effective leadership skills and strategies
122	Demonstrate how to use the 'train-the-trainer' model
123	Describe age-appropriate safety practices
124	Describe diversity
125	Describe financial management
126	Describe the components of a business plan
127	Describe the components of a record-keeping system
128	Describe the value of diversity
129	Describe the value of good communication
130	Describe the value of water resources, riparian areas, and ecosystems
131	Describe what is included in a good record
132	Be a global citizen Conduct community service or outreach Conduct community service or outreach using science and technology skills Develop a sense of belonging to a community Develop community resources Engage positively in their community Take leadership role Use new technologies

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

Demonstrate animal handling practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	465	950

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
134	Outdoor Recreation
806	Youth Development
801	Individual and Family Resource Management

**Outcome #2****1. Outcome Measures**

Demonstrate basic facilitation skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	60

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services
133	Pollution Prevention and Mitigation

**Outcome #3**

**1. Outcome Measures**

Demonstrate best practices for community groups and organizations

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	287

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services
133	Pollution Prevention and Mitigation

**Outcome #4**

**1. Outcome Measures**

Demonstrate conflict management or mediation skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	90	0

**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

**Outcome #5****1. Outcome Measures**

Demonstrate effective collaboration skills and techniques

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	100	78

**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>
133	Pollution Prevention and Mitigation
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services

**Outcome #6****1. Outcome Measures**

Demonstrate effective relationship skills

**2. Associated Institution Types**

•1862 Extension



**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	300	301

**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
724	Healthy Lifestyle
802	Human Development and Family Well-Being
805	Community Institutions, Health, and Social Services

**Outcome #7**

**1. Outcome Measures**

Demonstrate healthy lifestyle choices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	460	469

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #8**

**1. Outcome Measures**

Demonstrate how to apply animal behavior principles to safe animal management and handling

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	125

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
134	Outdoor Recreation
801	Individual and Family Resource Management
806	Youth Development

**Outcome #9**

**1. Outcome Measures**

Demonstrate how to build relationships

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	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
724	Healthy Lifestyle
802	Human Development and Family Well-Being

**Outcome #10**

**1. Outcome Measures**

Demonstrate how to collect and analyze data

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	190	241

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities
133	Pollution Prevention and Mitigation

**Outcome #11**

**1. Outcome Measures**

Demonstrate how to communicate effectively

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	160	96

**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>
133	Pollution Prevention and Mitigation
801	Individual and Family Resource Management
805	Community Institutions, Health, and Social Services
806	Youth Development
802	Human Development and Family Well-Being
724	Healthy Lifestyle

**Outcome #12****1. Outcome Measures**

Demonstrate how to confront disrespectful behavior

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	40	133

**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>
724	Healthy Lifestyle
806	Youth Development
802	Human Development and Family Well-Being
805	Community Institutions, Health, and Social Services

**Outcome #13****1. Outcome Measures**

Demonstrate how to create effective partnerships

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	39

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
802	Human Development and Family Well-Being
806	Youth Development
801	Individual and Family Resource Management
805	Community Institutions, Health, and Social Services
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #14**

**1. Outcome Measures**

Demonstrate how to create new media that promotes positive human development

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	52

**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
805	Community Institutions, Health, and Social Services
802	Human Development and Family Well-Being

**Outcome #15****1. Outcome Measures**

Demonstrate how to create safe spaces

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	76

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

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

**Outcome #16****1. Outcome Measures**

Demonstrate how to effectively lead organizations or community groups

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	20

**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>
133	Pollution Prevention and Mitigation
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services

**Outcome #17****1. Outcome Measures**

Demonstrate how to identify native flora and fauna

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	40	143

**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>
134	Outdoor Recreation
133	Pollution Prevention and Mitigation
806	Youth Development

**Outcome #18****1. Outcome Measures**

Demonstrate how to identify needs that can be met through community service activities

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	170	2040

**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
801	Individual and Family Resource Management
724	Healthy Lifestyle

**Outcome #19**

**1. Outcome Measures**

Demonstrate how to keep good records

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	225	1103

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
133	Pollution Prevention and Mitigation
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services



**Outcome #20**

**1. Outcome Measures**

Demonstrate how to operate farm equipment safely

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	47	41

**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
134	Outdoor Recreation
801	Individual and Family Resource Management

**Outcome #21**

**1. Outcome Measures**

Demonstrate how to reduce, reuse, recycle, and refuse

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	90	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
724	Healthy Lifestyle
133	Pollution Prevention and Mitigation
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #22**

**1. Outcome Measures**

Demonstrate how to respect others

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	400	893

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #23**

**1. Outcome Measures**

Demonstrate how to respond to an emergency situation

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	34

**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>
133	Pollution Prevention and Mitigation
806	Youth Development
802	Human Development and Family Well-Being
801	Individual and Family Resource Management
805	Community Institutions, Health, and Social Services

**Outcome #24****1. Outcome Measures**

Demonstrate how to set goals and priorities

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	300	938

**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
806	Youth Development
724	Healthy Lifestyle
805	Community Institutions, Health, and Social Services
802	Human Development and Family Well-Being

**Outcome #25****1. Outcome Measures**

Demonstrate how to support development of whole people

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	15

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #26**

**1. Outcome Measures**  
Demonstrate how to use basic facilitation skills to run effective meetings

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	1907

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
805	Community Institutions, Health, and Social Services
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #27**

**1. Outcome Measures**

Demonstrate how to use dietary guidelines and food guide pyramid to plan menus or choose foods

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	90	21

**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
801	Individual and Family Resource Management
724	Healthy Lifestyle
802	Human Development and Family Well-Being

**Outcome #28**

**1. Outcome Measures**

Demonstrate how to use science process skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	75	385

**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
133	Pollution Prevention and Mitigation

**Outcome #29****1. Outcome Measures**

Demonstrate how to use technology

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	495	530

**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
133	Pollution Prevention and Mitigation
134	Outdoor Recreation
805	Community Institutions, Health, and Social Services
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #30****1. Outcome Measures**

Demonstrate improved communication skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	400	1588

**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
806	Youth Development
805	Community Institutions, Health, and Social Services
801	Individual and Family Resource Management

**Outcome #31****1. Outcome Measures**

Demonstrate leadership skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	675	1814

**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
133	Pollution Prevention and Mitigation
805	Community Institutions, Health, and Social Services

**Outcome #32****1. Outcome Measures**

Demonstrate planning and organizational skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	600	2418

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
806	Youth Development
801	Individual and Family Resource Management
805	Community Institutions, Health, and Social Services

**Outcome #33**

**1. Outcome Measures**

Demonstrate positive engagement in their communities

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	150	124

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
724	Healthy Lifestyle
805	Community Institutions, Health, and Social Services
803	Sociological and Technological Change Affecting Individuals, Families and Communities
806	Youth Development



**Outcome #34****1. Outcome Measures**

Demonstrate project-related science or technology skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	300	104

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services
133	Pollution Prevention and Mitigation
806	Youth Development

**Outcome #35****1. Outcome Measures**

Demonstrate public speaking skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	160	423

**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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities
801	Individual and Family Resource Management
805	Community Institutions, Health, and Social Services
806	Youth Development
133	Pollution Prevention and Mitigation

**Outcome #36****1. Outcome Measures**

Demonstrate safe behavior and safety practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	275	531

**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
806	Youth Development

**Outcome #37****1. Outcome Measures**

Demonstrate science and technology skills needed in the workforce

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	255	215

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services
134	Outdoor Recreation

**Outcome #38****1. Outcome Measures**

Describe another culture

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	70	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
805	Community Institutions, Health, and Social Services
724	Healthy Lifestyle
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #39**

**1. Outcome Measures**

Describe benefits of community involvement

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	180	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
805	Community Institutions, Health, and Social Services
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #40**

**1. Outcome Measures**

Describe careers in science and technology

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	245	169

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
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803	Sociological and Technological Change Affecting Individuals, Families and Communities
806	Youth Development
802	Human Development and Family Well-Being
133	Pollution Prevention and Mitigation

**Outcome #41**

**1. Outcome Measures**

Describe gender stereotypes and their effects

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	25

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #42**

**1. Outcome Measures**

Describe healthy lifestyle choices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	790	1130

**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
724	Healthy Lifestyle
133	Pollution Prevention and Mitigation
801	Individual and Family Resource Management
802	Human Development and Family Well-Being

**Outcome #43****1. Outcome Measures**

Describe how to integrate regular physical activity into daily lives in a variety of ways

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	340	603

**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>
724	Healthy Lifestyle
803	Sociological and Technological Change Affecting Individuals, Families and Communities
806	Youth Development
802	Human Development and Family Well-Being
134	Outdoor Recreation

**Outcome #44****1. Outcome Measures**

Describe learning that occurred through a service activity

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	60	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
805	Community Institutions, Health, and Social Services
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #45**

**1. Outcome Measures**

Describe principles of good communication

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	190	82

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
724	Healthy Lifestyle
802	Human Development and Family Well-Being
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities
806	Youth Development
805	Community Institutions, Health, and Social Services

**Outcome #46**

**1. Outcome Measures**

Describe relationships between humans and wildlife

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	40	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
134	Outdoor Recreation

**Outcome #47**

**1. Outcome Measures**

Describe science and technology skills needed in the workforce

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	60	15

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
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134	Outdoor Recreation
133	Pollution Prevention and Mitigation
803	Sociological and Technological Change Affecting Individuals, Families and Communities
806	Youth Development
805	Community Institutions, Health, and Social Services

**Outcome #48**

**1. Outcome Measures**

Describe self as part of the web of life

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1520	2556

**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
802	Human Development and Family Well-Being

**Outcome #49**

**1. Outcome Measures**

Describe sustainable living principles and practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	788	803

**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
801	Individual and Family Resource Management
133	Pollution Prevention and Mitigation
134	Outdoor Recreation
724	Healthy Lifestyle
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services
806	Youth Development

**Outcome #50****1. Outcome Measures**

Describe the benefits of physical activity

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	40	298

**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
134	Outdoor Recreation
806	Youth Development
724	Healthy Lifestyle

**Outcome #51****1. Outcome Measures**

Describe the ecosystems where they live

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	780	2536

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
134	Outdoor Recreation
806	Youth Development
133	Pollution Prevention and Mitigation

**Outcome #52**

**1. Outcome Measures**

Describe the effect of cultural and media messages

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	38

**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
133	Pollution Prevention and Mitigation
802	Human Development and Family Well-Being
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #53****1. Outcome Measures**

Describe the effects of decisions and actions on local and global ecosystems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	90	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
133	Pollution Prevention and Mitigation
134	Outdoor Recreation
805	Community Institutions, Health, and Social Services
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #54****1. Outcome Measures**

Describe the health dangers of childhood obesity

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	60	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
724	Healthy Lifestyle
802	Human Development and Family Well-Being

**Outcome #55****1. Outcome Measures**

Describe the laws of ecology

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	780	2631

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
134	Outdoor Recreation
806	Youth Development
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #56****1. Outcome Measures**

Describe the value of community involvement and civic participation

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities
724	Healthy Lifestyle
806	Youth Development
133	Pollution Prevention and Mitigation
802	Human Development and Family Well-Being

**Outcome #57****1. Outcome Measures**

Demonstrate appreciation of diversity

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	210	537

**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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities
134	Outdoor Recreation
806	Youth Development
805	Community Institutions, Health, and Social Services
802	Human Development and Family Well-Being

**Outcome #58****1. Outcome Measures**

Describe the watershed where they live

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	80	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
134	Outdoor Recreation
133	Pollution Prevention and Mitigation

**Outcome #59****1. Outcome Measures**

Describe ways science and technology skills can be useful to the community

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	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
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #60****1. Outcome Measures**

Describe ways to observe, explore, and experience nature

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	128	1862

**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
134	Outdoor Recreation

**Outcome #61****1. Outcome Measures**

Develop a plan for increasing physical activity

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	65	175

**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
724	Healthy Lifestyle
806	Youth Development



**Outcome #62****1. Outcome Measures**

Learn to develop a plan to help prevent childhood obesity

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	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
803	Sociological and Technological Change Affecting Individuals, Families and Communities
806	Youth Development
802	Human Development and Family Well-Being

**Outcome #63****1. Outcome Measures**

Conduct tours of agricultural employers in Maine

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	3	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
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services

**Outcome #64**

**1. Outcome Measures**

Adopt appropriate technologies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	230	106

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services
133	Pollution Prevention and Mitigation
806	Youth Development
724	Healthy Lifestyle

**Outcome #65**

**1. Outcome Measures**

Adopt lower impact lifestyles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	750	753

**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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities
134	Outdoor Recreation
802	Human Development and Family Well-Being
801	Individual and Family Resource Management
724	Healthy Lifestyle
806	Youth Development
805	Community Institutions, Health, and Social Services
133	Pollution Prevention and Mitigation

**Outcome #66**

**1. Outcome Measures**

Adopt the USDA dietary guidelines and the food guide pyramid

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	40	1700

**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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities
802	Human Development and Family Well-Being
724	Healthy Lifestyle
806	Youth Development

**Outcome #67**

**1. Outcome Measures**

Assume personal responsibility for health

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	250	181

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

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

**Outcome #68****1. Outcome Measures**

Balance roles, responsibilities, and stress

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	12

**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
801	Individual and Family Resource Management
802	Human Development and Family Well-Being
724	Healthy Lifestyle

**Outcome #69****1. Outcome Measures**

Be a global citizen

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	135	265

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
724	Healthy Lifestyle
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities
802	Human Development and Family Well-Being
806	Youth Development

**Outcome #70****1. Outcome Measures**

Conduct community service or outreach

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1400	2093

**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
724	Healthy Lifestyle
802	Human Development and Family Well-Being
803	Sociological and Technological Change Affecting Individuals, Families and Communities
133	Pollution Prevention and Mitigation
805	Community Institutions, Health, and Social Services
801	Individual and Family Resource Management

**Outcome #71****1. Outcome Measures**

Conduct community service or outreach using science and technology skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	300	60

**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>
133	Pollution Prevention and Mitigation

**Outcome #72****1. Outcome Measures**

Create and sustain effective partnerships and collaborations

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	140	661

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
805	Community Institutions, Health, and Social Services
133	Pollution Prevention and Mitigation
803	Sociological and Technological Change Affecting Individuals, Families and Communities
724	Healthy Lifestyle
802	Human Development and Family Well-Being
806	Youth Development

**Outcome #73**

**1. Outcome Measures**

Create learning opportunities based on principles of positive human development

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	800	1306

**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 #74**

**1. Outcome Measures**

Create learning opportunities that are safe and empowering

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	250	2185

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #75**

**1. Outcome Measures**

Develop a financial plan

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	300	15

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

**Issue (Who cares and Why)**

**What has been done**

**Results**



**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
805	Community Institutions, Health, and Social Services

**Outcome #76**

**1. Outcome Measures**

Develop a sense of belonging to a community

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	920	699

**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
724	Healthy Lifestyle
803	Sociological and Technological Change Affecting Individuals, Families and Communities
806	Youth Development
805	Community Institutions, Health, and Social Services

**Outcome #77**

**1. Outcome Measures**

Develop community resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	0

**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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services

**Outcome #78****1. Outcome Measures**

Develop literacy and critical thinking skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	100	0

**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
806	Youth Development

**Outcome #79****1. Outcome Measures**

Develop skills that promote healthy relationships

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	750	557

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #80**

**1. Outcome Measures**

Engage in leadership development

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	153

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #81**

**1. Outcome Measures**

Engage positively in their community

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	700	401

**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
724	Healthy Lifestyle
133	Pollution Prevention and Mitigation
802	Human Development and Family Well-Being
805	Community Institutions, Health, and Social Services

**Outcome #82****1. Outcome Measures**

Ensure that all people feel safe and accepted

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	630	403

**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>
724	Healthy Lifestyle
805	Community Institutions, Health, and Social Services
802	Human Development and Family Well-Being
806	Youth Development

**Outcome #83****1. Outcome Measures**

Facilitate meetings effectively

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	80	33

**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>
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services
133	Pollution Prevention and Mitigation

**Outcome #84****1. Outcome Measures**

Handle animals safely

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	460	641

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #85**

**1. Outcome Measures**

Identify and solve problems using science and technology skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	350	147

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #86**

**1. Outcome Measures**

Increase capacity to achieve goals

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	75	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
133	Pollution Prevention and Mitigation
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities
802	Human Development and Family Well-Being
806	Youth Development
724	Healthy Lifestyle
805	Community Institutions, Health, and Social Services

**Outcome #87**

**1. Outcome Measures**

Increase capacity to establish goals or make decisions

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	600	2106

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
806	Youth Development

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802	Human Development and Family Well-Being
801	Individual and Family Resource Management
724	Healthy Lifestyle

**Outcome #88****1. Outcome Measures**

Integrate regular physical activity into daily life

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	420	290

**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
724	Healthy Lifestyle
802	Human Development and Family Well-Being

**Outcome #89****1. Outcome Measures**

Keep livestock healthy

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	15

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done**



**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management

**Outcome #90**

**1. Outcome Measures**

Make better decisions

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	300	65

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
724	Healthy Lifestyle
806	Youth Development
805	Community Institutions, Health, and Social Services
802	Human Development and Family Well-Being
803	Sociological and Technological Change Affecting Individuals, Families and Communities
801	Individual and Family Resource Management
133	Pollution Prevention and Mitigation

**Outcome #91**

**1. Outcome Measures**

Make better decisions regarding healthy lifestyle

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	1175	6812

**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
724	Healthy Lifestyle
802	Human Development and Family Well-Being

**Outcome #92**

**1. Outcome Measures**

Make better decisions regarding healthy lifestyle using improved literacy and critical thinking skills

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	200	60

**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
724	Healthy Lifestyle
806	Youth Development

**Outcome #93**

**1. Outcome Measures**

Manage community resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	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
805	Community Institutions, Health, and Social Services
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #94**

**1. Outcome Measures**

Model positive group behavior to others

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	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
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802	Human Development and Family Well-Being
803	Sociological and Technological Change Affecting Individuals, Families and Communities
806	Youth Development

**Outcome #95**

**1. Outcome Measures**

Operate equipment safely

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	25

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services
806	Youth Development
133	Pollution Prevention and Mitigation
724	Healthy Lifestyle

**Outcome #96**

**1. Outcome Measures**

Participate in leadership roles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	300	630

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services

**Outcome #97**

**1. Outcome Measures**

Participation in 4-H Dairy projects and events

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	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
802	Human Development and Family Well-Being
806	Youth Development

**Outcome #98**

**1. Outcome Measures**

Practice safety

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	180	218

**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
801	Individual and Family Resource Management
724	Healthy Lifestyle
803	Sociological and Technological Change Affecting Individuals, Families and Communities
134	Outdoor Recreation
805	Community Institutions, Health, and Social Services
802	Human Development and Family Well-Being
133	Pollution Prevention and Mitigation

**Outcome #99**

**1. Outcome Measures**

Support and mentor others in leadership roles

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	200	120

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities

805	Community Institutions, Health, and Social Services
133	Pollution Prevention and Mitigation

**Outcome #100****1. Outcome Measures**

Take leadership role

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	2051

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities
133	Pollution Prevention and Mitigation
805	Community Institutions, Health, and Social Services
134	Outdoor Recreation

**Outcome #101****1. Outcome Measures**

Teach effectively

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	0

**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
806	Youth Development

**Outcome #102****1. Outcome Measures**

Treat all people with dignity and respect

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	770	2728

**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
806	Youth Development
805	Community Institutions, Health, and Social Services
724	Healthy Lifestyle

**Outcome #103****1. Outcome Measures**

Use clear and effective communication skills

**2. Associated Institution Types**

•1862 Extension



**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	600	497

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
801	Individual and Family Resource Management
802	Human Development and Family Well-Being
133	Pollution Prevention and Mitigation
805	Community Institutions, Health, and Social Services
806	Youth Development

**Outcome #104****1. Outcome Measures**

Use new technologies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	550	671

**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
724	Healthy Lifestyle
803	Sociological and Technological Change Affecting Individuals, Families and Communities

134	Outdoor Recreation
802	Human Development and Family Well-Being
805	Community Institutions, Health, and Social Services
133	Pollution Prevention and Mitigation
801	Individual and Family Resource Management

**Outcome #105**

**1. Outcome Measures**

Work effectively with diverse groups

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	800	2960

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
802	Human Development and Family Well-Being
805	Community Institutions, Health, and Social Services
724	Healthy Lifestyle
134	Outdoor Recreation
806	Youth Development
133	Pollution Prevention and Mitigation
801	Individual and Family Resource Management

**Outcome #106**

**1. Outcome Measures**

Work productively in a team

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	300	855

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
134	Outdoor Recreation
801	Individual and Family Resource Management
133	Pollution Prevention and Mitigation
805	Community Institutions, Health, and Social Services
806	Youth Development
724	Healthy Lifestyle
802	Human Development and Family Well-Being

**Outcome #107**

**1. Outcome Measures**

Enhance the economic and environmental sustainability of Maine agriculture and aquaculture

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services
133	Pollution Prevention and Mitigation

**Outcome #108**

**1. Outcome Measures**

Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
802	Human Development and Family Well-Being
803	Sociological and Technological Change Affecting Individuals, Families and Communities
724	Healthy Lifestyle
806	Youth Development

**Outcome #109**

**1. Outcome Measures**

Increase the economic and social viability and sustainability of Maine communities

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #110****1. Outcome Measures**

Protect and enhance Maine's natural resources and environment through sustainable stewardship

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
133	Pollution Prevention and Mitigation
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services

**Outcome #111****1. Outcome Measures**

Adopt record-keeping system

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	157

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
805	Community Institutions, Health, and Social Services
802	Human Development and Family Well-Being
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities
724	Healthy Lifestyle

**Outcome #112**

**1. Outcome Measures**

Collect information and communicate results

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	278

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #113**

**1. Outcome Measures**

Create safe and empowering learning opportunities

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	108

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
134	Outdoor Recreation
802	Human Development and Family Well-Being
806	Youth Development
724	Healthy Lifestyle
805	Community Institutions, Health, and Social Services

**Outcome #114**

**1. Outcome Measures**

Develop a business plan

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	45

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
134	Outdoor Recreation
805	Community Institutions, Health, and Social Services

**Outcome #115**

**1. Outcome Measures**

Increase volunteerism

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	10

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
724	Healthy Lifestyle
805	Community Institutions, Health, and Social Services
802	Human Development and Family Well-Being
806	Youth Development
133	Pollution Prevention and Mitigation

**Outcome #116**

**1. Outcome Measures**

Lead effectively

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	37

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

**Issue (Who cares and Why)**

**What has been done**

**Results**



**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
133	Pollution Prevention and Mitigation
805	Community Institutions, Health, and Social Services

**Outcome #117**

**1. Outcome Measures**

Promote healthy relationships

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	24

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #118**

**1. Outcome Measures**

Protect or conserve biodiversity and habitat including native plant and animal species

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	17

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
134	Outdoor Recreation
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #119**

**1. Outcome Measures**

Use relevant UMaine Extension web-based resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	37825

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
134	Outdoor Recreation
801	Individual and Family Resource Management
806	Youth Development
805	Community Institutions, Health, and Social Services
724	Healthy Lifestyle
803	Sociological and Technological Change Affecting Individuals, Families and Communities
133	Pollution Prevention and Mitigation
802	Human Development and Family Well-Being

**Outcome #120**

**1. Outcome Measures**

Demonstrate animal management skills

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	341

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
134	Outdoor Recreation
806	Youth Development
133	Pollution Prevention and Mitigation
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #121**

**1. Outcome Measures**

Demonstrate effective leadership skills and strategies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	12

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services

**Outcome #122**

**1. Outcome Measures**

Demonstrate how to use the 'train-the-trainer' model

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	27

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services
803	Sociological and Technological Change Affecting Individuals, Families and Communities

**Outcome #123**

**1. Outcome Measures**

Describe age-appropriate safety practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	146

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

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

**Outcome #124**

**1. Outcome Measures**

Describe diversity

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	5

**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
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services
802	Human Development and Family Well-Being

**Outcome #125**

**1. Outcome Measures**

Describe financial management

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	5

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
805	Community Institutions, Health, and Social Services

**Outcome #126**

**1. Outcome Measures**

Describe the components of a business plan

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	127

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
805	Community Institutions, Health, and Social Services

**Outcome #127**

**1. Outcome Measures**

Describe the components of a record-keeping system

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	195

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services
806	Youth Development
724	Healthy Lifestyle
801	Individual and Family Resource Management

**Outcome #128**

**1. Outcome Measures**

Describe the value of diversity

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	24

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
803	Sociological and Technological Change Affecting Individuals, Families and Communities
133	Pollution Prevention and Mitigation
802	Human Development and Family Well-Being
806	Youth Development

**Outcome #129**

**1. Outcome Measures**

Describe the value of good communication

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	17

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
133	Pollution Prevention and Mitigation
806	Youth Development
801	Individual and Family Resource Management
803	Sociological and Technological Change Affecting Individuals, Families and Communities
805	Community Institutions, Health, and Social Services
802	Human Development and Family Well-Being

**Outcome #130**

**1. Outcome Measures**

Describe the value of water resources, riparian areas, and ecosystems

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	56

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services
806	Youth Development
803	Sociological and Technological Change Affecting Individuals, Families and Communities



**Outcome #131**

**1. Outcome Measures**

Describe what is included in a good record

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	81

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
801	Individual and Family Resource Management
806	Youth Development

**Outcome #132**

**1. Outcome Measures**

Be a global citizen Conduct community service or outreach Conduct community service or outreach using science and technology skills Develop a sense of belonging to a community Develop community resources Engage positively in their community Take leadership role Use new technologies

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	0

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

**Issue (Who cares and Why)**

importance of being good citizens and giving back to their communities. It is important for youth and adults to work together to make a difference in their communities. Many organizations, agencies and communities depend on volunteers to support their programs –if did not have volunteers needs would not be met and issues would not be addressed.

Youth enrolled in 4-H clubs, afterschool programs and school enrichment programs identified community needs and participated in numerous community service projects.

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

Ten groups in six Maine counties received Youth in Action Grants and 18 groups received small grants from the Pine Tree State 4-H Foundation to fund new community service team projects. Within all of the projects youth and adults worked together to truly made a difference in their respective communities.

#### **Results**

In 2007, more than 2,000 4-H youth engaged in community service or outreach and 60 used science and technology as a component of their projects. More than 2,000 youth demonstrated how to identify needs that can be met through community service activities. Examples of projects that made a difference in their communities included community and school wide substance abuse prevention, support to homeless teens, community trail maintenance, building a barn to serve as a community youth center, raising funds for various non-profit organizations, providing backpacks and school supplies for low income youth, and growing food for local food pantries. The economic impact of the projects is more significant since some of these needs would not have been met otherwise or would require additional funds to complete. Using the Federal rate of \$14.29 per hour as the value of volunteering (adjusted for Maine), more than 1,300 4-H volunteers contributed approximately 30,100 hours at an estimated value of \$442,990 during 2007.

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

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

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

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

- Economy

##### **Brief Explanation**

Programming in the 4-H Youth Development area was affected by the struggling economy. We rely heavily on volunteers for our youth development programs and with the high fuel and heating oil prices it made it difficult for people to contribute as they have in the past. This also impacted the youth that participated in our programs as there were occasions when families were unable to fully participate in programs because of a decrease in family budgets.

#### **V(I). Planned Program (Evaluation Studies and Data Collection)**

##### **1. Evaluation Studies Planned**

- Retrospective (post program)
- During (during program)
- Comparisons between program participants (individuals,group,organizations) and non-participants

##### **Evaluation Results**

{No Data Entered}

##### **Key Items of Evaluation**

{No Data Entered}

**Program #19**

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

**1. Name of the Planned Program**

Watershed Management

**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	10%			
111	Conservation and Efficient Use of Water	20%			
112	Watershed Protection and Management	20%			
131	Alternative Uses of Land	10%			
132	Weather and Climate	15%			
403	Waste Disposal, Recycling, and Reuse	10%			
901	Program and Project Design, and Statistics	15%			
<b>Total</b>		100%			

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

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	1.4	0.0	0.0	0.0
<b>Actual</b>	1.1	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
0	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
1796	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
164800	0	0	0

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

**1. Brief description of the Activity**

- Outreach Planning for Lake Groups Training    •Watershed Management Related Publications (conference proceedings)
- Watershed Planning with Municipalities    •Watershed Stewards Program

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

- Community Leaders (Adult)    •General Public (Adult)    •Municipal Officials (Adult)    •Natural Resource Professional (Adult)
- Volunteers (Adult)    •Watershed Stewards (Adult)

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

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	<b>Direct Contacts Adults</b>	<b>Indirect Contacts Adults</b>	<b>Direct Contacts Youth</b>	<b>Indirect Contacts Youth</b>
<b>Year</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>
<b>Plan</b>	98	0	10	0
2007	335	0	1010	0

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

**Patent Applications Submitted**

<b>Year</b>	<b>Target</b>
<b>Plan:</b>	0
2007 :	0

**Patents listed**

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

**Number of Peer Reviewed Publications**

	<b>Extension</b>	<b>Research</b>	<b>Total</b>
<b>Plan</b>			
2007	0	0	0

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

**Output Target**

**Output #1**

**Output Measure**

- Direct - Public Presentation

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	0

**Output #2**

**Output Measure**

- Direct - Workshop - series

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	7	6

**Output #3**

**Output Measure**

- Direct - Workshop - single session

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	2	2

**Output #4**

**Output Measure**

- Indirect - Publication - conference proceedings

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	{No Data Entered}	1

**V(G). State Defined Outcomes****V. State Defined Outcomes Table of Content**

O No.	OUTCOME NAME
1	Define a watershed
2	Demonstrate how to assess and manage marine resources
3	Demonstrate how to create outreach plans
4	Demonstrate how to identify invasive species
5	Demonstrate how to install conservation plantings using primarily native plants
6	Demonstrate knowledge of when and how to obtain a wellwater test
7	Describe how to install or enhance vegetated buffers
8	Describe the effects of individual and cumulative decisions and actions on local and global ecosystems
9	Describe the need for storm water management at individual site
10	Describe the value of community involvement and civic participation
11	Describe threats to freshwater quality
12	Describe threats to water quality from land use practices
13	Describe water and land interaction, and related water-quality issues
14	Conduct a watershed survey
15	Identify pollution sources
16	Install or enhance conservation plantings using primarily native plants
17	Install or enhance vegetated buffers
18	Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness
19	Increase the economic and social viability and sustainability of Maine communities
20	Protect and enhance Maine's natural resources and environment through sustainable stewardship
21	Act on the results of a well-water test
22	Address water quality issues when making land and water use and planning decisions
23	Be involved in town government
24	Conduct community service or outreach
25	Identify and remediate pollution sources
26	Promote municipal responsibility and action
27	Test well-water
28	Use services of natural resource professionals
29	Describe how to become involved in local town government
30	Describe the need for storm water management at municipal level

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

Define a watershed

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	100	1026

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management

**Outcome #2****1. Outcome Measures**

Demonstrate how to assess and manage marine resources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	150	259

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management

**Outcome #3**

**1. Outcome Measures**

Demonstrate how to create outreach plans

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	6	18

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management

**Outcome #4**

**1. Outcome Measures**

Demonstrate how to identify invasive species

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	29

**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>
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water

**Outcome #5****1. Outcome Measures**

Demonstrate how to install conservation plantings using primarily native plants

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2007	20	36

**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>
112	Watershed Protection and Management

**Outcome #6****1. Outcome Measures**

Demonstrate knowledge of when and how to obtain a wellwater test

**2. Associated Institution Types**

•1862 Extension



**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	25	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
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management

**Outcome #7**

**1. Outcome Measures**

Describe how to install or enhance vegetated buffers

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	70	48

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management

**Outcome #8**

**1. Outcome Measures**

Describe the effects of individual and cumulative decisions and actions on local and global ecosystems

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	225

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
131	Alternative Uses of Land

**Outcome #9**

**1. Outcome Measures**

Describe the need for storm water management at individual site

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	120	999

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water

**Outcome #10**

**1. Outcome Measures**

Describe the value of community involvement and civic participation

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	30	115

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water

**Outcome #11**

**1. Outcome Measures**

Describe threats to freshwater quality

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	90	1041

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water

**Outcome #12**

**1. Outcome Measures**

Describe threats to water quality from land use practices

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	80	1067

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management

**Outcome #13**

**1. Outcome Measures**

Describe water and land interaction, and related water-quality issues

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	75	923

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management

**Outcome #14**

**1. Outcome Measures**

Conduct a watershed survey

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	20	47

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management

**Outcome #15**

**1. Outcome Measures**

Identify pollution sources

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	50	57

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results****4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
901	Program and Project Design, and Statistics

**Outcome #16****1. Outcome Measures**

Install or enhance conservation plantings using primarily native plants

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	15	13

**3c. Qualitative Outcome or Impact Statement****Issue (Who cares and Why)****What has been done****Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management

**Outcome #17**

**1. Outcome Measures**

Install or enhance vegetated buffers

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	10	13

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse

**Outcome #18**

**1. Outcome Measures**

Improve the lives of Maine citizens through positive human development, healthy lifestyles and nutrition, and lifelong wellness

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
403	Waste Disposal, Recycling, and Reuse

**Outcome #19**

**1. Outcome Measures**

Increase the economic and social viability and sustainability of Maine communities

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
403	Waste Disposal, Recycling, and Reuse
111	Conservation and Efficient Use of Water
131	Alternative Uses of Land
112	Watershed Protection and Management

**Outcome #20**

**1. Outcome Measures**

Protect and enhance Maine's natural resources and environment through sustainable stewardship

**2. Associated Institution Types**

- 1862 Extension



**3a. Outcome Type:**  
Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	0	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
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse

**Outcome #21**

**1. Outcome Measures**

Act on the results of a well-water test

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**  
Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	3

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse

**Outcome #22**

**1. Outcome Measures**

Address water quality issues when making land and water use and planning decisions

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	3

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water

**Outcome #23**

**1. Outcome Measures**

Be involved in town government

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	3

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
901	Program and Project Design, and Statistics

**Outcome #24**

**1. Outcome Measures**

Conduct community service or outreach

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	2093

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water
901	Program and Project Design, and Statistics

**Outcome #25**

**1. Outcome Measures**

Identify and remediate pollution sources

**2. Associated Institution Types**

- 1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	140

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
901	Program and Project Design, and Statistics
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management

**Outcome #26**

**1. Outcome Measures**

Promote municipal responsibility and action

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	18

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
901	Program and Project Design, and Statistics
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management

**Outcome #27**

**1. Outcome Measures**

Test well-water

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	3

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
111	Conservation and Efficient Use of Water

**Outcome #28****1. Outcome Measures**

Use services of natural resource professionals

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	101

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

Issue (Who cares and Why)

What has been done

Results

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
112	Watershed Protection and Management
403	Waste Disposal, Recycling, and Reuse
111	Conservation and Efficient Use of Water
101	Appraisal of Soil Resources

**Outcome #29**

**1. Outcome Measures**

Describe how to become involved in local town government

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	12

**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
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse
112	Watershed Protection and Management

**Outcome #30**

**1. Outcome Measures**

Describe the need for storm water management at municipal level

**2. Associated Institution Types**

•1862 Extension

**3a. Outcome Type:**

Change in Knowledge Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2007	{No Data Entered}	35

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

**Issue (Who cares and Why)**

**What has been done**

**Results**

#### 4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

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

##### External factors which affected outcomes

- Economy
- Appropriations changes

##### Brief Explanation

No external factors were identified.

#### V(I). Planned Program (Evaluation Studies and Data Collection)

##### 1. Evaluation Studies Planned

- After Only (post program)
- Other (Water Testing)

##### Evaluation Results

{No Data Entered}

##### Key Items of Evaluation

{No Data Entered}