

V(A). Planned Program (Summary)

Program # 1

1. Name of the Planned Program

4-H Youth Development

Reporting on this Program

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
806	Youth Development	100%		0%	
	Total	100%		0%	

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2012	Extension		Research	
	1862	1890	1862	1890
Plan	62.5	0.0	0.0	0.0
Actual Paid Professional	84.9	0.0	0.0	0.0
Actual Volunteer	0.0	0.0	0.0	0.0

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

Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
2280760	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
2280760	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

Activities

- Recruit Youth and Volunteers
- Provide Volunteer Leader Training for Youth Leaders and Adult Volunteers

- Provide Training on organization and maintenance of community clubs
- Provide recognition events for youth to exhibit project skills, including the following:
 - 4-H Club Congress
 - District Achievement Days
 - County, State, & Regional Fairs
 - Livestock and Horse Shows

work: To provide training to Extension personnel on experiential education through subject-matter

- Chartering all 4-H Clubs and groups
- Four Essential Elements
- Legal Use of the Name and Emblem
- Diversity Training
- Financial Management

2. Brief description of the target audience

All Mississippians between the ages of 6 and 18.

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2012	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	136257	129635	317933	302482

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

Patent Applications Submitted

Year: 2012
 Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2012	Extension	Research	Total
Actual	10	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Number of youth enrolled in 4-H Clubs.

Year	Actual
2012	23383

Output #2

Output Measure

- Number of clubs operating on military bases.

Year	Actual
2012	4

Output #3

Output Measure

- Number of youth-at-risk who join 4-H clubs.

Year	Actual
2012	7794

Output #4

Output Measure

- Number of volunteers attending local and/or district training.

Year	Actual
2012	2542

Output #5

Output Measure

- Number of volunteers attending state volunteer leaders conference.

Year	Actual
2012	491

Output #6

Output Measure

- Number of volunteers attending the regional 4-H volunteer leaders forum.

Year	Actual
2012	49

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Adult and youth volunteers increasing their knowledge and skills in being effective volunteer leaders.
2	Volunteers participating in training conferences incorporate their skills gained from training to work with 4-H clubs.
3	Volunteer-managed 4-H clubs are sustained at the local level.
4	Number of youth who improve life skills.
5	Number of youth who increase knowledge of subject-matter areas.
6	Number of 4-H projects completed.
7	Youth increase their involvement in leadership events and activities at the district, state, and national levels.

Outcome #1

1. Outcome Measures

Adult and youth volunteers increasing their knowledge and skills in being effective volunteer leaders.

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Actual
2012	8139

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Volunteers are essential to the successful delivery of 4-H programs to youth.

What has been done

4-H volunteers lead clubs and projects and coordinate or teach school enrichment programs or special interest programs. They also may serve on county advisory boards, fundraising teams, or committees. A variety of methods and locations are available for volunteers to get the latest information or learn new project skills: workshops, forums, and conferences conducted at the county, district, state, and national levels via traditional face-to-face activities or distance education.

Results

Each year, the Mississippi 4-H Volunteer Leaders Association recognizes outstanding 4-H leaders for their work and dedication to the Mississippi 4-H program. In 2012, 8 of the 8,139 4-H volunteer leaders in the state were recognized.

4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

Outcome #2

1. Outcome Measures

Volunteers participating in training conferences incorporate their skills gained from training to work with 4-H clubs.

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2012	3082

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

The 4-H club program demands a great deal of salaried staff time. The most cost-effective way to reach 4-H youth is to develop a productive staff of volunteers.

What has been done

In 2012, more than 8,139 adults served as Mississippi 4-H volunteer leaders working directly and indirectly with Mississippi youth.

Results

On average, a 4-H volunteer leader donates 220 hours per year preparing for club meetings and teaching youth. According to national research, the dollar value of volunteer time in Mississippi is \$15.43 per hour, which means the value of volunteer leaders to Mississippi 4-H is approximately \$27,628,649.

4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

Outcome #3

1. Outcome Measures

Volunteer-managed 4-H clubs are sustained at the local level.

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Condition Outcome Measure

3b. Quantitative Outcome

Year	Actual
2012	1116

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Military children and youth face more than the usual challenges of growing up, such as moving every few years and establishing new friendships, while worrying about family members who may not always be home but temporarily assigned somewhere else for a variety of reasons and length of time.

What has been done

Through the Mississippi 4-H program in 2011-2012, military youth at Columbus and Keesler Air Force Bases, Meridian Naval Air Station and Naval Construction Battalion Center, Gulfport are able to experience a variety of programs and projects focused on experiential learning and the development of personal and life skills.

Results

More than 252 military youth are enrolled in 6 chartered 4-H clubs with 2 more in the process of chartering. These youth and 20 adult volunteer leaders are not only involved with 4-H projects focusing on science, engineering and technology, healthy living and citizenship through their 4-H club membership, but are actively involved in county, district and state wide community service projects, conferences, leadership roles and contests. There was an overall increase of 93 4-H members participating in 4-H science projects: Keesler AFB had an increase of 45 members; Columbus AFB had an increase of 39 members; Naval CB Gulfport had an increase of 9 members and an increase of teen participation; and although NAS Meridian did not have an increase, all 4-Hers were involved in science activities through the summer program.

4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

Outcome #4

1. Outcome Measures

Number of youth who improve life skills.

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Actual
2012	17663

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

One of the mission mandates of the 4-H program is Healthy Lifestyles. The state of Mississippi is ranked 48th in health status of its citizens. Tunica County 4-H Move to Lose started as a request of the youth who participate in the county leadership program.

What has been done

Move to Lose is a partnership with Tunica County Health and Wellness Pavilion. That group provided a trainer twice a week for 30-40 minutes and the option of water aerobics or zumba on the third day. There were weekly nutrition classes to help participants be as successful as possible. They kept food journals that included what they were eating, how much they were eating, and most importantly, why. Mini competitions and monthly prizes kept participants excited. The program emphasized the concept of making healthy lifestyle changes, rather than dieting.

Results

There were 12-15 participants, ranging in age from 10 to 17, at various times during the 7-month program. Most participants lost between 12 and 21 pounds, but one lost a total of 76 pounds. Not surprisingly, that participants' remarkable weight loss has sparked the interest of many youth in the county, motivating them to join the program.

4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

Outcome #5

1. Outcome Measures

Number of youth who increase knowledge of subject-matter areas.

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Actual
2012	15014

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Mississippi has over 800,000 youth, 81% of which cannot read at grade level and are evaluated to be below proficient and with a graduation rate of around 64%. Mississippi's schools are failing and the opportunities for intellectual stimulation are minimal. Children are naturally interested in insects and as such represent an excellent way to gain, nurture and sustain their interest in science.

What has been done

The Entomology Extension Youth Program provides various opportunities. In addition to traditional 4-H competitions, the unit operates the oldest Entomology (and Plant) camp in the world. Entomological, environmental and horticultural programs are supported, and at many of these, campers are invited to participate as speakers or leaders. Other services include: school and bug club visits, presentations at numerous conferences, technical assistance, face-to-face and email communication on entomology, science, environmental and plant education.

Results

Bug Campers have found insects new to science and formally named some of them, found insects that are new to MS, become young entomologists in their communities and even had principals and farmers bring insects to them to identify and assisted with entomology programs around the state. Campers have produced articles for scientific journals and been invited to speak at professional meetings. Over 12 are known to have or be pursuing advanced degrees in entomology and more are in undergraduate programs with the intent of going into graduate entomology programs. Many that choose other careers have credited camp with their pursuing a college degree as a result of the opportunity to study with and converse with university professors at camp.

4. Associated Knowledge Areas

KA Code **Knowledge Area**
806 Youth Development

Outcome #6

1. Outcome Measures

Number of 4-H projects completed.

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2012	8831

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Mississippi 4-H livestock and horse programs provide tremendous opportunities for youth to develop life skills while learning about the responsibility and dedication needed to raise beef and dairy cattle, sheep, goats, swine, and horses for competition in the show ring. Additionally, many youth in Mississippi lack funds to attend college after graduating from high school.

What has been done

The Dixie National Sale of Junior Champions provided an opportunity for the Champion and Reserve Champion market animals to be sold in a bid auction at the conclusion of the 2012 Dixie National Junior Round-Up. Exhibitors received 80% of the sale price of the animal that can be used for their education while 20% was kept for sale expenses and awarded through various scholarships to MS youth. 4-Hers whose livestock project qualified for the Sale can use the money acquired for college expenses.

Results

A total of 44 animals qualified for the Dixie National Sale of Junior Champions that totaled \$299,325.50. In addition, another \$51,500 in scholarships was awarded to 34 Mississippi youth.

4. Associated Knowledge Areas

KA Code **Knowledge Area**
806 Youth Development

Outcome #7

1. Outcome Measures

Youth increase their involvement in leadership events and activities at the district, state, and national levels.

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2012	8831

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

4-Hers from the Mississippi 4-H Technology Team developed a program to teach city and county governments about the benefits and use of social media, such as Facebook and Twitter.

What has been done

With an investment of \$29,000 from TransCanada this year, the 4-H team expanded its program to include a stronger focus on emergency response across key cities in Mississippi. The 4-H team conducts training sessions with local fire, police, and other emergency management professionals throughout the state at the request of counties.

Results

These sessions enable the team to improve emergency communication methods and develop a strong leadership role in their communities. The funds from TransCanada help the Mississippi 4-H group to teach the program in other states. Training sessions were held in 2012 with Tennessee 4-H teams.

4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Appropriations changes
- Populations changes (immigration, new cultural groupings, etc.)

Brief Explanation

V(I). Planned Program (Evaluation Studies)

Evaluation Results

MSU Extension agents and specialists, as well as MAFES faculty, used a variety of recommended methods to gather needed information. Specific strategies will be initiated and utilized for collecting evaluation information to determine program outputs and outcomes (see impact statements for examples).

In FY 2012, MSU Extension agents and specialists were required to submit four quarterly reports (January, April, July, and September). This quarterly report collects information about the number of contacts, types of contacts, and number of programs conducted in each Priority Planning Area. In addition, two narrative Accomplishment Reports are required from each MSU Extension employee each year. Finally, a specific request for impact statements is also made. The evaluation results are a combination of this quantitative and qualitative data.

Key Items of Evaluation