

V(A). Planned Program (Summary)

Program # 9

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: 2013	Extension		Research	
	1862	1890	1862	1890
Plan	70.3	0.0	0.0	0.0
Actual Paid Professional	76.7	0.0	0.0	0.0
Actual Volunteer	0.0	0.0	0.0	0.0

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

Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
1965020	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
1965020	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 include:

- 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 4-H Club Congress; District Achievement Days; County, State, & Regional Fairs; and Livestock and Horse Shows
 - Provide training to Extension personnel on experiential education through subject-matter work on chartering all 4-H Clubs and groups, the four essential elements, legal use of the name and emblem, diversity training, and financial management

2. Brief description of the target audience

All Mississippians between the ages of 5 and 18.

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2013	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	114262	131687	266611	307271

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

Patent Applications Submitted

Year: 2013
 Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2013	Extension	Research	Total
Actual	3	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Number of youth enrolled in 4-H Clubs.

Year	Actual
2013	22354

Output #2

Output Measure

- Number of clubs operating on military bases.

Year	Actual
2013	4

Output #3

Output Measure

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

Year	Actual
2013	7444

Output #4

Output Measure

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

Year	Actual
2013	1068

Output #5

Output Measure

- Number of volunteers attending state volunteer leaders conference.

Year	Actual
2013	329

Output #6

Output Measure

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

Year	Actual
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2013

26

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
2013	8241

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

The public is largely unaware that societal health is connected to environmental health. With little understanding of environmental processes, it will be difficult to communicate to citizens about environmental issues and unrealistic to expect democratic discourse on solutions. Mississippians are the least prepared academically to deal with environmental problems. Science achievement by students is the lowest in the U.S.; therefore, there is need for youth-serving adults to have greater understanding of natural resources science issues.

What has been done

Extension personnel in the MSU Department of Wildlife, Fisheries and Aquaculture annually conduct a variety of training programs for volunteer youth leaders and education professionals. Programs provide practical methods for engaging youth in the outdoors, improving interest in nature, incorporating science in multi-disciplinary instruction, and enhancing understanding of relevant and research-based science.

Results

Assessments of the youth conservation education workshops indicate participants gain increased knowledge and a greater comfort level with natural resources science topics and content. Volunteer leaders and professional educators indicate a greater willingness to implement workshop material in their local youth instructional efforts. A substantial number of volunteer leaders return to attend additional workshops, indicating retained interest and confidence in the workshops' benefits. Collaboration with other educational institutions and natural resources entities in some of the educational programs improves inter-agency cooperation and communication, creating synergy and leveraging resources to improve educational outcomes.

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
2013	1423

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

The urban Wingfield High School football program faced several challenges: the team had lost 17 straight games heading into 2012, the school had only 500 pounds in weights and no youth-football feeder system, the booster club had under \$100 in the bank, and the players were physically weak and lacked discipline and focus. The 4-H Youth Development program strives to improve the quality of life for Mississippi youth by developing their potential and providing "hands-on" (experiential) educational programs. Program priorities identified include leadership development, life skills training, developing positive self-esteem, and empowering volunteers.

What has been done

The coach of the football team worked with MSU Extension and MSU Horticulture faculty to establish the Dr. George Washington Carver Future Scientists 4-H Club. The primary focus of the club has been a 2-acre garden at Foot Print Farms, a 98-acre urban-rural farm. By locating there instead of at the school, the 4-H members and club leaders also gained access to equipment, expertise, and a real farming experience. Football team members participated in all aspects of farming from soil preparation to tilling and planting to harvesting and selling.

Results

The football team grew over 1,000 watermelons in its first growing season. Profits from sales at the market and donations went back into the football program, enabling the team to buy weights, team apparel, and pregame meals. The youth have learned to work together. Their attitudes and grades have improved (50% made honor roll), they are physically stronger, and freshmen enrollment on the team increased from 3 to 22 in one year. As the coach stated, "We were showing them that they can be producers in society." The project has garnered national attention

with stories in USA Today High School Sports and an appearance on Katie Couric's show, "Katie."

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
2013	1095

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

KidsCount.org reports 46% of youth in the Jackson County, MS, Pascagoula School District (PSD) are evaluated to be at or below proficient levels in overall academic achievement, and the 2002 Tufts University 4-H Study of Positive Youth Development Study shows that participation in 4-H clubs increases educational achievement. Students who participated in 4-H clubs reported better grades, higher levels of academic competence, and an elevated level of engagement at school, and 4-H members are 3 times more likely to actively contribute to their communities.

What has been done

In collaboration with Gautier Middle School, Jackson County 4-H established 32 4-H clubs for 6th-8th grade students. Each project club was based on the essential elements of 4-H, including life skills, leadership, and citizenship. School teachers were assigned as club leaders, based upon their interest and skills; students were also assigned a club based upon interest and availability. Clubs met for one hour, once a month, throughout the 2012-2013 school year.

Results

Jackson County 4-H and Gautier Middle School (GMS) provided 690 students the opportunity to participate in 4-H Clubs and utilized 71 teachers as club leaders and volunteers. Club members and leaders reported 355 community service volunteer hours, which is valued at \$7,459.70 to the City of Gautier and Jackson County community (based on Current Independent Sector rate for

volunteer hours of \$22.14/hr). The 2012-2013 PSD Achievement and Performance report is not available yet, but, based upon expectations from school administration, it is expected to see notable increases in achievement standards. Based upon the outcomes and experiences provided, GMS has continued to implement the 4-H Club program for another year in 2013-2014.

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
2013	14812

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

The Jobs for Mississippi Graduates (JMG) program helps assist students to stay in school, graduate, and successfully transition from school into employment, post-secondary education, other training, or the military. Natchez High School JMG Director, Linda Bowers, contacted the Adams County 4-H program in need of leadership programs for JMG students. Many of the youth needed some leadership programs that the school couldn't offer them to improve themselves for the future and beyond.

What has been done

Adams County 4-H program agent, Jason Jones, met with Linda Bowers to discuss what topics and events would help her youth get better leadership skills and get involved in 4-H. Both agreed to have the JMG students help out with Real World program station, which would be held at the school in March. Also, youth would participate in various presentations.

Results

Fifty-five youth learned about the benefits of 4-H, importance of being a leader, ways to help improve their community, and importance in helping others. On the evaluation, over 47 youth indicated they learned new leadership practices that will benefit them in their lives. Also, 12 youth

indicated they wanted work in a manger position or some kind leadership role to help improve others after the leadership presentations. Youth learned more responsibility, how to prepare for college, how to be more financially responsible, and how to be an overall better leader in their communities. Over 10 youth signed up to join the 4-H club.

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
2013	12590

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Adams County youth have the benefit of living in an environment with an abundant amount of agriculture and natural resources. However, the vast majority of our school students have limited interaction with agriculture or farming of any kind. The school teachers have asked us to provide more hands-on knowledge to students.

What has been done

The Adams County Extension Service made the decision to plan a multiple day event to take 9-12 year old students out to learn about agriculture. We partnered with other agricultural agencies to obtain funding for transportation and meals for the participants. Then eight different farming operations agreed to provide hands-on training in their areas: exotic wildlife management, blueberry production, aquaculture, horse training, cattle production, vegetable gardening, agronomy, pond construction, sod farming, and avian wildlife conservation.

Results

Twenty-five students participated in the Farm Camp. 100% of the participants indicated on a post-evaluation that they had learned and visited places they had never seen before. Over 30% of the participants had never been on a farm before. The camp was a tremendous success, and future

endeavors like this will be provided on an annual basis.

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
2013	7406

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

In Mississippi in 2012, 26 incidents of injuries/death of youth between the ages of 15-19 due to firearms were reported, and there was an increase of media coverage on this issue. Mississippi was ranked fourth in firearm-related deaths throughout the nation according to the World Life Expectancy website.

What has been done

In response to this, a shooting sports/hunter education certification program was offered in one county. There were 7 hunter education classes conducted within the county open enrollment and county schools. In the shooting sports program participants learn time management, leadership skills, life skills, and proper use of a firearm. In the hunter education program participants learn other safety measures such as first aid, shoot and don't shoot situations, and other firearm safety.

Results

After applying this program with youth in the county there is a new interest in participation in shooting sports. In 2013, the participation and retention was increased in the shooting sports program with 12 new members and 15 returning members. While on the range, they demonstrated time management, leadership skills, and proper use of firearms. The hunter education program was conducted through the seventh grade classes in the county schools which were increased from two to five schools and three open classes with estimated participation

to be approximately 300 students/participants to pass the certification along with a written and fire arm demonstration exam.

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
2013	7406

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Currently, Newton County has approximately just over 5,000 youth under the age of 18. Other than hunter education classes there are no other firearm educational opportunities for the youth in the county. Many of the youth are hunting and need more hands on experience in handling firearms in a safe manner. Newton County is considered a rural county and many of the youth have hunting and fishing interest.

What has been done

The Newton County 4-H Shooting Sports program provides opportunities for the youth in the county to learn firearm safety. Certified instructors lead youth in a classroom setting on parts of the firearm and how to safely handle the firearm. The instructors also lead youth in actual hands-on training on the firing range. Once the youth have been properly trained, they are allowed to compete in competitions.

Results

4-H Shooting Sports members have become very efficient shooters and have had the opportunity to compete on a district, state, and national level. Members have also had opportunity to guide hunts for hunters with disabilities. Many of these youth now feel comfortable handling firearms and hunting alone. There are currently over 60 youth participating in the program on the county level, and 6 have qualified to compete on a national level.

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 were initiated and utilized for collecting evaluation information to determine program outputs and outcomes (see impact statements for examples). In FY 2013, 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. Our Planned Program Areas (PPAs) changed in 2013 - a reduction from over 20 PPAs in 2012 to 10 for this current reporting cycle. Previous PPAs of 4-H Youth Development and Youth Technology Education were combined into 4-H Youth Development.

Given the time it takes to adapt an electronic reporting system and ensure all end-users are trained and understand how to report in new ways and new PPAs, our outcome data matching process required modification for 2013. As a result, some of our numbers may appear skewed from previous ones. This reduction of PPAs and thus combination of outcomes led to some outcomes within each PPA being very similar for 2013. Our reporting system would not allow us to make detailed distinctions at this point in time, so numbers were evenly distributed across those similar outcomes when appropriate. As our data collection system evolves over the next year or two, we will be able to more clearly align the various data elements within the system to resolve this issue.

Key Items of Evaluation