

2011 Prairie View A&M University Extension Annual Report of Accomplishments and Results

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I. Report Overview

1. Executive Summary

Texas is a very large and diverse state and the 2011 Census reports approximately 25.8 million citizens. While Texas is often thought of as a rural state, it is also very urban. A majority of the population lives in 20 of the state's 254 counties. In addressing the NIFA Priority Goals, formal and informal educational programs and activities are conducted in 24 Texas counties. Some Texas counties for CEP staff were vacant for approximately 24 months. Because of this diversity of population, ethnic groups, religions, and cultural and socioeconomic backgrounds, the outreach methods used to address the needs of the clientele are varied.

Prairie View A&M University is the second oldest state institution of Higher Education in the State of Texas. The Cooperative Extension Program is a part of the College of Agriculture and Human Sciences and is the primary outreach arm of the University. The Cooperative Extension Program provides life-long learning and youth development opportunities to citizens across the state.

Research-based information is translated to practical best management practices and disseminated via numerous channels including the Extension agents located in selected counties across the state. Both needs and issues are assessed through the involvement of advisory groups and other citizens to generate the information needed to assist the clientele.

Total Actual Amount of professional FTEs/SYs for this State

Year: 2011	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	68.0	0.0	0.0
Actual	0.0	63.0	0.0	0.0

II. Merit Review Process

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

- Internal University Panel

2. Brief Explanation

Merit reviewers for the Federal Plan of Work, the Federal Report of Accomplishments and Results, and associated grants and contracts are program leaders with the Cooperative Extension Program, mid-managers with Texas AgriLife Extension, professors in the College of Agriculture and Human Sciences and some key stakeholders familiar with the organization. The leadership team is responsible for the oversight and management of all programs conducted by Extension staff. Other members provide insight into the program.

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

Brief explanation.

The Cooperative Extension Program utilizes various methods to reach stakeholder groups within the State of Texas. Multiple sources of input from stakeholders include local clientele, commodity/special interest groups, trend data monitored by specialists, various county committees, elected officials, media including public service announcements and online communications and emerging issues. Programs are focused issues and analyzed, which leads to priority setting and development of educational activities to address the needs and issues raised by the various stakeholder groups. Extension utilizes Leadership Advisory Boards (LABs) to validate issues raised in the local stakeholder input process. Leadership Advisory Boards serve as a conduit to local citizens and their needs. These boards are comprised of community opinion leaders charged with providing visioning and advocacy for the local Extension program. Additional citizens serve on program area committees, task forces, coalitions, and youth boards. These volunteers represent specific areas of the local program and are involved in issues identification, program development and delivery, evaluation and interpretation of programs, and management of other volunteers. These volunteers represent the counties in the state serviced by the Cooperative Extension Program.

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
- Open Listening Sessions
- Needs Assessments
- Other (Meetings with stakeholder groups.)

Brief explanation.

Cooperative Extension utilizes open listening sessions as a means of getting grassroots involvement in its program planning and data collection process. These sessions allow local clientele to give their opinion on issues of importance to their communities. Additionally, Leadership Advisory Boards and other program advisory committees and/or groups are used to provide input on program direction and implementation. Cooperative Extension staff also meet with various commodity and interest groups that provide insight into issues facing the targeted audience.

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 with the general public (open meeting advertised to all)
- Meeting with invited selected individuals from the general public

Brief explanation.

Data is collected via numerous methods from the stakeholders mentioned in the previous section including meeting with advisory committees, holding open forums with clientele and other groups and collecting needs assessments and/or surveys at educational programs across the state. Likewise, Extension staff members identify needs while conducting research and working with clientele.

3. A statement of how the input will be considered

- To Identify Emerging Issues
- Redirect Extension Programs

Brief explanation.

The Cooperative Extension Program utilizes various methods to reach stakeholder groups within the State of Texas. Extension used multiple sources of input from stakeholders including local clientele, commodity/special interest groups, trend data monitored by specialists, various county committees, elected officials, and emerging issues. Extension staff meet based on the need to analyze these issues, which leads to priority setting and development of programs to address the needs and issues raised by the various stakeholder groups and methods.

Extension utilizes Leadership Advisory Boards (LABs) to validate issues raised in the local stakeholder input process. Leadership Advisory Boards serve as a conduit to local citizens and their needs. These boards are comprised of community opinion leaders charged with providing long-term visioning and advocacy for the local Extension program. Additional citizens serve on program area committees, task forces, coalitions, and youth boards. These volunteers represent specific areas of the local program and are involved in issues identification, program development and delivery, evaluation and interpretation of programs, and management of other volunteers. These volunteers represent the counties in the state serviced by the Cooperative Extension Program.

Brief Explanation of what you learned from your Stakeholders

Health issues such as chronic diseases and childhood obesity are major concerns within the targeted audience. Family financial stability, community economics, sustainable agriculture, parenting education and youth development are also issues of high importance.

IV. Expenditure Summary

1. Total Actual Formula dollars Allocated (prepopulated from C-REEMS)			
Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
0	4184269	0	0

2. Totaled Actual dollars from Planned Programs Inputs				
Extension			Research	
	Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
Actual Formula	0	3244932	0	0
Actual Matching	0	1546456	0	0
Actual All Other	0	224266	0	0
Total Actual Expended	0	5015654	0	0

3. Amount of Above Actual Formula Dollars Expended which comes from Carryover funds from previous				
Carryover	0	838828	0	0

V. Planned Program Table of Content

S. No.	PROGRAM NAME
1	4-H Leadership and Civic Engagement Program
2	4-H & Youth Life Skills
3	4-H Career Development, Work-Force Preparation and Youth Entrepreneurship Program
4	Economic Growth & Development
5	Housing
6	Community Development
7	Sustainable Agriculture Production Systems
8	Small Farm Financial Management and Marketing
9	Natural Resources, Water and the Environment
10	Family Finance and Resource Management
11	Nutrition, Health and Wellness
12	Parenting Education and Family Life Skills
13	Human Health and Well-Being
14	4-H SET/STEAM (Science, Technology, Engineering, Agriculture & Mathematics)

V(A). Planned Program (Summary)

Program # 1

1. Name of the Planned Program

4-H Leadership and Civic Engagement 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
608	Community Resource Planning and Development		50%		
806	Youth Development		50%		
	Total		100%		

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2011	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	6.0	0.0	0.0
Actual Paid Professional	0.0	6.0	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
0	380741	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	121594	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	23145	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Career Awareness Youth Leadership Laboratory
Educational leadership workshops

- Newsletters
- Club organizations
- Leadership camps, summits and retreats
- 4-H clubs' officer trainings
- Adult leaders' institute
- Local, state and national leadership events (State and National Congress and Conference)

2. Brief description of the target audience

- Limited-resource youth, ages 8 thru 19
- Limited-resource adult volunteers

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2011	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	950	84750	3800	84750

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

Patent Applications Submitted

Year: 2011
 Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2011	Extension	Research	Total
Actual	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Leadership trainings for adult leaders. Train adult leaders to work with youth. Train youth.

Conduct a Career Awareness & Youth Leadership Laboratory. Conduct educational leadership workshops. Develop newsletters. Organize youth into groups and clubs. Implement leadership camps and retreats. Involve youth in 4-H clubs officer trainings.

Year	Actual
2011	6441

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	youth adopt leadership skills, youth serve as 4-H officers, youth serve on a community board, youth and adult partnerships form, youth participate in an organized club/group, youth change behaviors and gain a sense of belonging

Outcome #1

1. Outcome Measures

youth adopt leadership skills, youth serve as 4-H officers, youth serve on a community board, youth and adult partnerships form, youth participate in an organized club/group, youth change behaviors and gain a sense of belonging

2. Associated Institution Types

- 1890 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2011	3650

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Rapid changes in society and adverse affects of risky environmental factors have influenced youth in communities in dramatic and unpredictable ways. Research has noted that the 21st century has been entered with a dramatic deficit of leaders. This deficit is not a deficit of leadership, but a deficit in leadership development. This lack of leadership skills is most noticeable in teens. Limited resource youth often lack the opportunity to serve in leadership roles that provide them with meaningful experiences. There is a need to provide youth from diverse backgrounds with the necessary skills to assist them in becoming competent and confident contributors to society.

What has been done

Cooperative Extension agents have been introducing civic engagement projects to ignite youth participation in civic engagement. Civic engagement opportunities have been provided for youth to build leadership competencies and to foster youth as partners in their own development and the development of their communities. Community forums were held with youth and adults working as partners to improve their communities. Youth were also provided an opportunity to learn more about their county government and the services it provides to citizens by participating in Keys to the Courthouse Curriculum Enrichment Program.

Results

Partnerships have been developed, which have resulted in youth working in partnership with adults to renovate buildings, clean and restore community parks, and form of new 4-H Clubs. Youth have increased participation in county fairs and 4-H food shows. Evaluations show that the Keys to the Courthouse curriculum have been favorable with teachers citing positive student responses.

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.)
- Economy
- Appropriations changes
- Competing Public priorities
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)
- Other (social environmental changes)

Brief Explanation

Texas experienced extreme drought and wildfires. Extension agents assisted with families in shelters and some of the programs and meetings were cancelled due to these conditions in various Texas counties. Cooperative Extension provides a comprehensive youth development program and young people have many opportunities to be involved in positive educational activities.

V(I). Planned Program (Evaluation Studies)

Evaluation Results

According to post surveys, a majority of the participants have found the program to be very rewarding. The majority of participants stated that they would invite other youth to become involved.

Key Items of Evaluation

Positive feedback from parents, youth, and adult leaders.

V(A). Planned Program (Summary)

Program # 2

1. Name of the Planned Program

4-H & Youth Life 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
802	Human Development and Family Well-Being		40%		
806	Youth Development		60%		
	Total		100%		

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2011	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	7.5	0.0	0.0
Actual Paid Professional	0.0	7.5	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
0	380741	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	181594	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	23145	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

The following program activities will be developed and conducted:

- Summer Day Camps
- Educational workshops
- Newsletters
- 4-H clubs/projects
- School enrichment programs
- Adult leader training(s)
- Develop new curriculum

2. Brief description of the target audience

Underrepresented and underserved youth ages 8 through 19
 Adult volunteers and parents

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2011	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	425	63650	8000	63650

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

Patent Applications Submitted

Year: 2011

Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2011	Extension	Research	Total
Actual	1	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Provide life skill development programs for youth. Train adult leaders to implement life skill development programs for youth. Conduct local and state summer camping programs with emphasis on life skill development for youth.

Year	Actual
2011	2997

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Adopt healthy practices and behaviors. Change behaviors. Improved life skills.

Outcome #1

1. Outcome Measures

Adopt healthy practices and behaviors. Change behaviors. Improved life skills.

2. Associated Institution Types

- 1890 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2011	3775

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

In every Texas county where the 1890 Cooperative Extension Program is implemented, constituents continue to note the important need for more educational programs and opportunities in the target area of life skill development and health education for children and youth. Both rural and urban youth populations are comprised of youngsters from increasingly diverse, social linguistic, educational, economic and cultural backgrounds. Many of today's youth are faced with litany of societal pressures that result in problematic consequences stemming from a need to belong and be accepted. This leads to a greater number of poorly developed choice related risk factors (i. e., sexual pressures, drug abuse, teen violence, gang involvement, physical and emotional engagement abuse, crime, delinquency, bullying and etc.). Bullying is an issue on the rise with more than 21% of elementary school students having experienced bullying in 2005-2006 according to Bullying National Statistical Data.

What has been done

Cooperative Extension agents have introduced the Take a Stand curriculum as an anti-bullying enrichment resource at schools and after school programs. Youth participated in experiential role play and discussion aimed at improved knowledge, skills, and behavior changes associated with conflict resolution, communications, respect, teamwork, and cultural sensitivity.

Results

Youth are learning to recognize signs of anger within themselves and how to control it. Youth are learning to be more inclusive of others and accepting cultural differences such as customs and traditions. School and after school program learning environments are being impacted by improved character development.

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.)
- Economy
- Appropriations changes
- Competing Public priorities
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)
- Other (social environmental changes)

Brief Explanation

Summer camp was not conducted because of funding constraints.

V(I). Planned Program (Evaluation Studies)

Evaluation Results

Over seventy five percent of youth indicated learning valuable skills in decision making, teamwork and self confidence.

Key Items of Evaluation

Increase knowledge of life skills
Increase in number of trained volunteers

V(A). Planned Program (Summary)

Program # 3

1. Name of the Planned Program

4-H Career Development, Work-Force Preparation and Youth Entrepreneurship 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
608	Community Resource Planning and Development		50%		
806	Youth Development		50%		
	Total		100%		

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2011	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	7.0	0.0	0.0
Actual Paid Professional	0.0	7.0	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
0	380741	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	181594	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	23145	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Career Awareness Youth Leadership Laboratory
 Educational job-readiness and entrepreneurship workshops

- Newsletters
- 4-H clubs/ projects
- School enrichment programs on entrepreneurship
- Adult leader training(s)

2. Brief description of the target audience

Limited-resource youth, ages 8 through 19
 Adult volunteers and parents

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2011	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	475	1000	6200	13000

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

Patent Applications Submitted

Year: 2011
 Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2011	Extension	Research	Total
Actual	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Provide job-readiness trainings and entrepreneurship trainings for youth. Train adult leaders to implement job-readiness and entrepreneurship trainings for youth. Conduct a three day career awareness laboratory targeting youth. Conduct educational tours of businesses.

Year	Actual
2011	1285

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Adopt core work-force skills and practices. Change in behaviors and attitude about work ethic. Identify career goals. Obtain summer employment or after school employment.

Outcome #1

1. Outcome Measures

Adopt core work-force skills and practices. Change in behaviors and attitude about work ethic. Identify career goals. Obtain summer employment or after school employment.

2. Associated Institution Types

- 1890 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2011	6780

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Due to a limited pool of qualified and trained workers for the projected career opportunities in service and related industries, the concern for creation of job opportunities and helping young people to acquire basic skills to explore technical and professional career opportunities is a significant issue for 18 Texas counties served by CEP. Negative or adverse economic conditions in rural, urban and inner city communities are complex, varied and exacerbated by teenage parents and single parent households. Also, lack of parental guidance and familial support, positive role models, school-dropout rate, juvenile recidivism, failure and inability to find jobs have caused large numbers of limited resource youth to face economic disparity. Limited-resource youth from distressed communities have fewer job opportunities due to a number of factors such as the lack of transportation, developmental social and technical skills and training in the basic fundamental pre-employment skills for successful negotiation of jobs. School settings are often the only source of Internet connectivity. It is incumbent that the public and private sectors of society design and implement programs that train and educate youth in the skills that lead to productive and useful lives.

What has been done

Cooperative Extension Program presented the annual Career Awareness and Youth Leadership Lab that introduced youth to STEM and other careers. Training and programs were delivered on filling out employment applications, cover letter writing, resume development, and opportunities to participate in mock interviews and dress for success workshops.

Results

Youth have been exposed to inspirational speakers and mentoring adult role models that provide encouragement and social support. Youth have learned how to navigate The Workforce Solutions web-site for employment, business resources, education, and financial information. More than 100 youth participated in the Career Awareness and Youth Leadership Laboratory. Several

participants reported job placement.

4. Associated Knowledge Areas

KA Code	Knowledge Area
608	Community Resource Planning and Development
806	Youth Development

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Appropriations changes
- Competing Public priorities
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)
- Other (social environmental changes)

Brief Explanation

Abilities to work with school districts due to state mandated testing dates.

V(I). Planned Program (Evaluation Studies)

Evaluation Results

Over 90% of Career Awareness Youth Leadership participants stated that information presented was relevant and rated the three day on-campus experience positive. Several students who participated in Workforce Preparation series were placed in jobs. Youth involved in the entrepreneur program indicated learning skills in order to consider starting their own business.

Key Items of Evaluation

Increased awareness of career preparation
Youth job placement
Youth interest in starting a business

V(A). Planned Program (Summary)

Program # 4

1. Name of the Planned Program

Economic Growth & 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
602	Business Management, Finance, and Taxation		100%		
	Total		100%		

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2011	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	4.0	0.0	0.0
Actual Paid Professional	0.0	3.0	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
0	87689	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	41232	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	5331	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Conduct educational programs

Conduct business development seminars

Provide one-on-one consultations

Assist communities in assessing their strengths and weaknesses

Conduct business development training

Assist clients with writing business plans

2. Brief description of the target audience

Low-income individuals, underrepresented groups, limited resource business owners and small farm and potential small farm producers.

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2011	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	4289	474341	2148	0

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

Patent Applications Submitted

Year: 2011

Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2011	Extension	Research	Total
Actual	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Conduct educational programs on production, management and marketing for small farm producers. Conduct business development seminars and workshops. Provide one-on-one consultations for small business owners and aspiring entrepreneurs. Assist clients in developing business plans.

Year	Actual
2011	634

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Business plans approved. New businesses started. Jobs maintained/saved. Jobs created. Businesses expanded. Youth maintaining businesses. Youth starting new businesses. Dollars saved. Businesses experiencing increased income. Loans and grants received.

Outcome #1

1. Outcome Measures

Business plans approved. New businesses started. Jobs maintained/saved. Jobs created. Businesses expanded. Youth maintaining businesses. Youth starting new businesses. Dollars saved. Businesses experiencing increased income. Loans and grants received.

2. Associated Institution Types

- 1890 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2011	2466

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

The economy has stalled and recovery has been slower than many analysts expected. The stagnant economic situation and higher than acceptable unemployment among majority and minority population groups continue to threaten the health and prosperity of families and communities. Non-traditional skills sets and education are needed to allow a paradigm shift that improves economic outcomes. Minority agricultural producers, agri-businesses, and startup micro-businesses, the majority of whom are first generation entrepreneurs, continue to suffer from a lack of qualified technical assistance, financial record-keeping, and access to capital. The unemployment rate for minorities continues to be significantly higher than unemployment in the majority population (exceeding 20% in some communities). Pervasive layoffs and continuing high unemployment numbers have forced a new wave of aspiring entrepreneurs who are ill-equipped to survive in an already tough marketplace flooded with displaced public and private sector individuals attempting to earn a living as business owners.

What has been done

Community & Economic Development staff have provided one-on-one technical assistance to business owners and aspiring entrepreneurs through small business workshops, general consultation, business planning assistance, efficient business management, business opportunities, and loan package development with emphasis placed in working with economically depressed communities.

Results

Since 2004, over 25,000 rural residents have been contacted concerning small business opportunities, over 800 new jobs have been created and over \$30 million dollars in new revenue has been pumped into the Texas economy. In 2011 approximately 93 small business workshops have been conducted to throughout the state of Texas to rural entrepreneurs including farmers

and ranchers. The staff has also packaged or provided loan assistance in the amount of \$2.1 million to small business owners and agri-businesses throughout the state of Texas. The creation and expansion of small businesses have increased the standard of living and quality of life for business owners, their employees/families and entire communities.

4. Associated Knowledge Areas

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

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Appropriations changes
- Government Regulations

Brief Explanation

During the economic recession, many businesses have closed and/or have faced challenges in remaining a viable part of the community.

V(I). Planned Program (Evaluation Studies)

Evaluation Results

Over 90% of participants in programs and one-on-one consultations reported an increase in knowledge, skills, and small business improvement through sustainability, increased capacity, job retention or expansion, and profitable business practices.

Key Items of Evaluation

Staff has received positive feedback from community program participants.

Community enhancement
Community center business development

V(A). Planned Program (Summary)

Program # 5

1. Name of the Planned Program

Housing

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
804	Human Environmental Issues Concerning Apparel, Textiles, and Residential and Commercial Structures		100%		
	Total		100%		

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2011	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	3.0	0.0	0.0
Actual Paid Professional	0.0	1.6	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
0	42536	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	40700	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	8908	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Conduct housing fairs and other educational programs and workshops
 Provide one-on-one technical and educational assistance

2. Brief description of the target audience

Low-income individuals and families
 Extension educators

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2011	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	321	0	0	0

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

Patent Applications Submitted

Year: 2011
 Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2011	Extension	Research	Total
Actual	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Provide families and individuals information on housing programs targeting low-income. Provide assistance to low-income individuals and families needing help in completing housing loan applications. County staff in 26 counties will conduct at least one housing program targeting low-income residents. Conduct one state level training on housing for Extension staff.

Year	Actual
2011	17

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Families and individuals will acquire housing that meets approved government inspection standards.

Outcome #1

1. Outcome Measures

Families and individuals will acquire housing that meets approved government inspection standards.

2. Associated Institution Types

- 1890 Extension

3a. Outcome Type:

Change in Condition Outcome Measure

3b. Quantitative Outcome

Year	Actual
2011	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

The housing market downturn has continued to make a significant impact on the U.S. economy since 2007 when the recession officially began. Home ownership has decreased, property values have dwindled resulting in loss of equity and in some cases has forced foreclosure. Home buying has always been a means of building wealth and increasing assets, but as a result of the economy and lack of home purchasing knowledge more people are hesitant to purchase a home. Limited resource clientele specifically find it difficult to apply and purchase a home and find it easier to purchase a depreciating asset like a new expense vehicle than a home.

What has been done

A housing fair was conducted to address homeownership, maintenance, energy efficiency, weatherization, and home improvement resources.

Results

Participants in the program reported an increase in knowledge on the home buying process, how to make their existing home energy efficient, and local programs that can help limited resources improve their properties.

4. Associated Knowledge Areas

KA Code	Knowledge Area
804	Human Environmental Issues Concerning Apparel, Textiles, and Residential and Commercial Structures

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Economy
- Appropriations changes
- Government Regulations

Brief Explanation

The impact of the economic recession contributed to lack of home ownership, banks limitation on loans through banks, constant increase in unemployment.

V(I). Planned Program (Evaluation Studies)

Evaluation Results

Participants in the program reported an increase in knowledge on the home buying process, how to make their existing home energy efficient, and local programs that can help limited resource audiences improve their properties.

Key Items of Evaluation

Staff has received positive feedback from housing fair participants.

V(A). Planned Program (Summary)

Program # 6

1. Name of the Planned Program

Community 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
805	Community Institutions, Health, and Social Services		100%		
	Total		100%		

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2011	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	4.0	0.0	0.0
Actual Paid Professional	0.0	3.1	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
0	175944	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	83018	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	10695	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

To accomplish the goals of this program, workshops and trainings will be conducted for both staff and clientele. Staff will conduct educational programs for clientele. One-on-one assistance will be provided to groups and community leaders.

2. Brief description of the target audience

Low income community residents, low income neighborhoods, small town officials, community leaders

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2011	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	3618	5205	0	0

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

Patent Applications Submitted

Year: 2011

Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2011	Extension	Research	Total
Actual	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Develop and conduct programs that promote community maintenance and improvement in counties. Conduct in-service training for county staff on community beautification and enhancements. Assist communities with receiving their 501c3 status. Disseminate applicable information in rural communities needing facilities and facilities upgrades. Provide technical assistance to communities when needed.

Year	Actual
2011	91

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	<p>People in communities will organize to enhance their communities and the place where they reside. Community residents will participate in community clean-up and fix-up activities. Families and individuals will adopt home beautification and maintenance practices. Community residents will establish and conduct programs that provide education recreation and a safe environment. Communities will establish rural water systems, and repair, upgrade and expand existing ones. Organized communities will acquire and maintain quality volunteer fire and safety departments. Communities will acquire facilities to conduct meetings and recreational and educational activities. Organized groups and individuals will establish facilities to market their products.</p>

Outcome #1

1. Outcome Measures

People in communities will organize to enhance their communities and the place where they reside. Community residents will participate in community clean-up and fix-up activities. Families and individuals will adopt home beautification and maintenance practices. Community residents will establish and conduct programs that provide education recreation and a safe environment. Communities will establish rural water systems, and repair, upgrade and expand existing ones. Organized communities will acquire and maintain quality volunteer fire and safety departments. Communities will acquire facilities to conduct meetings and recreational and educational activities. Organized groups and individuals will establish facilities to market their products.

2. Associated Institution Types

- 1890 Extension

3a. Outcome Type:

Change in Condition Outcome Measure

3b. Quantitative Outcome

Year	Actual
2011	426

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Low-income families and individuals are unaware of community programs and resources that can assist them in asset development and wealth building means that can increase their standard of living. Often limited resource clientele are uninformed in the areas of community protection and safety, senior programs, credit building, saving, investing, debt management and budgeting, which has an overall effect on their decision making and the lifestyle they live.

What has been done

Cooperative Extension Program staff has conducted community workshops on disaster preparedness for individuals, small businesses, and community organizations. Over 3,600 individuals have been trained in areas that promote credit improvements, better budgeting and debt management, opportunities to increase their assets and program development within community organizations.

Results

Community and businesses alike are knowledgeable of emergency preparedness action plans and resources. Several community based organizations throughout the State of Texas have been trained on capacity building through grant writing/fundraising, community program development and expansion, and organizational management.

4. Associated Knowledge Areas

KA Code	Knowledge Area
805	Community Institutions, Health, and Social Services

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Economy
- Appropriations changes
- Government Regulations

Brief Explanation

Economic recession and its impact on communities and business.

V(I). Planned Program (Evaluation Studies)

Evaluation Results

Participants in the program reported an increase in knowledge on asset and capacity building procedures.

Key Items of Evaluation

Staff has received positive feedback from participants.
Community and economic development

V(A). Planned Program (Summary)

Program # 7

1. Name of the Planned Program

Sustainable Agriculture Production Systems

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		25%		
205	Plant Management Systems		25%		
211	Insects, Mites, and Other Arthropods Affecting Plants		10%		
301	Reproductive Performance of Animals		25%		
303	Genetic Improvement of Animals		15%		
	Total		100%		

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2011	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	6.8	0.0	0.0
Actual Paid Professional	0.0	5.7	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
0	236318	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	102533	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	19569	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Cooperative Extension will:
 Conduct educational programs
 Conduct subject matter workshops / field days / tours
 Provide one-on-one technical assistance / consultations
 Conduct training programs
 Assist clients with development of farm plans
 Hold on-farm demonstrations

2. Brief description of the target audience

Small farmers; limited resource farmers; family farmers and socially disadvantaged farmers.

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2011	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	1968	6940	137	486

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

Patent Applications Submitted

Year: 2011

Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2011	Extension	Research	Total
Actual	2	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Conduct educational programs focusing on sustainable production practices in crops and livestock. Provide one-on-one technical assistance/consultations. Assist small scale and socially disadvantaged farmers with alternative marketing plans.

Year	Actual
2011	348

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Program participants are expected to benefit from the educational training programs, workshops and technical assistance offered by extension service personnel. This will be measured by: number of farms adapting sustainable techniques for agricultural production, number of farms producing alternative crops, number of farms adopting new, sustainable management practices, number of farms participating in on-farm demonstrations in sustainable agriculture.

Outcome #1

1. Outcome Measures

Program participants are expected to benefit from the educational training programs, workshops and technical assistance offered by extension service personnel. This will be measured by: number of farms adapting sustainable techniques for agricultural production, number of farms producing alternative crops, number of farms adopting new, sustainable management practices, number of farms participating in on-farm demonstrations in sustainable agriculture.

2. Associated Institution Types

- 1890 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Actual
2011	260

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Sustainability of the small family farm is important to the local communities. Seeing that they are environmentally friendly, socially acceptable and economically feasible is the cornerstone of keeping these operations viable.

What has been done

Extension agents and specialists worked one-on-one with producers, conducted group meetings, used direct mail and internet to engage landowners in adopting new and improved sustainable agricultural practices.

Results

As a result of our efforts in this area producers are reporting increased profits or in some cases decreased losses. Small farmers are adopting techniques to manage risks associated with farming or ranchers. Small farmers and ranchers are adopting new production techniques as well as learning the importance of keeping good records.

4. Associated Knowledge Areas

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
205	Plant Management Systems
211	Insects, Mites, and Other Arthropods Affecting Plants
301	Reproductive Performance of Animals

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Public Policy changes

Brief Explanation

Extreme weather conditions (droughts and floods and wildfires) in some parts of the state had an adverse effect on parts of the farming community. Likewise, economic factors like the rising cost of fuel also affected many farming operations.

V(I). Planned Program (Evaluation Studies)

Evaluation Results

90% of the participants surveyed indicated that they benefitted from the programs delivered.
80% indicated that they would or has already adopted at least one sustainable agriculture practice taught by extension staff.

Key Items of Evaluation

Sustainable practices adopted
Participants benefitted from educational programs

V(A). Planned Program (Summary)

Program # 8

1. Name of the Planned Program

Small Farm Financial Management and Marketing

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		50%		
602	Business Management, Finance, and Taxation		25%		
604	Marketing and Distribution Practices		25%		
	Total		100%		

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2011	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	7.2	0.0	0.0
Actual Paid Professional	0.0	3.1	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
0	175944	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	49918	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	10695	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Cooperative Extension will:

- Conduct educational programs
- Conduct subject matter workshops/field days/tours
- Provide one-on-one technical assistance / consultations
- Conduct training programs
- Assist clients with development of farm plans

2. Brief description of the target audience

Small farmers; limited resource farmers; family farmers and socially disadvantaged farmers.

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2011	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	1548	4254	108	297

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

Patent Applications Submitted

Year: 2011

Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2011	Extension	Research	Total
Actual	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Conduct educational programs focusing on farm financial management, production and marketing. Provide one-on-one technical assistance/consultations. Assist small scale and

socially disadvantaged farmers with farm plans.

Year	Actual
2011	277

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Program participants are expected to benefit from the educational training programs, workshops and technical assistance offered by extension service personnel. This will be measured by: number of farms adopting record keeping system, number of farm plans developed, number of farms with increase in income, number of farms adopting new management practices, and number of farm loans received as a result of farm business planning.

Outcome #1

1. Outcome Measures

Program participants are expected to benefit from the educational training programs, workshops and technical assistance offered by extension service personnel. This will be measured by: number of farms adopting record keeping system, number of farm plans developed, number of farms with increase in income, number of farms adopting new management practices, and number of farm loans received as a result of farm business planning.

2. Associated Institution Types

- 1890 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Actual
2011	150

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Many farmers lack the skills necessary to grow and prosper. Because small farmers are such an important economic factor in rural communities, it is imperative that they thrive.

What has been done

Members of the Extension staff and program specialists provided one-on-one assistance and conducted group meetings with producers on farm management. Extension also partnered with Local Banks, FSA and CBO to conduct workshops targeted at improving small producers management skills.

Results

Seventy five small farmers participated in farm financial management workshops. Over fifty received one-on-one assistance. Producers were able to obtain loans and keep better records which improved their operations.

4. Associated Knowledge Areas

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

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Public Policy changes

Brief Explanation

Conduct educational programs
Conduct subject matter workshops/field days/tours
Provide one-on-one technical assistance/consultations
Assist clients with development of farm plans
Assist clients with loan packaging for farm operation and ownership

V(I). Planned Program (Evaluation Studies)

Evaluation Results

Producers were surveyed to measure increase and knowledge and understanding of matters relating to farm financial management. 70% reported they had a better understanding of topics relating to this issue.

Key Items of Evaluation

Increased knowledge of farm management

V(A). Planned Program (Summary)

Program # 9

1. Name of the Planned Program

Natural Resources, Water and the Environment

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		55%		
111	Conservation and Efficient Use of Water		25%		
123	Management and Sustainability of Forest Resources		20%		
	Total		100%		

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2011	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	4.2	0.0	0.0
Actual Paid Professional	0.0	5.2	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
0	293052	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	179347	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	17814	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Cooperative Extension will:

- Conduct educational programs
- Conduct subject matter workshops/field days/tours
- Provide one-on-one technical assistance/consultations
- Conduct training programs
- Assist clients with development of farm plans

2. Brief description of the target audience

Small scale, limited resource, traditionally underserved farmers and landowners.

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2011	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	224	350	16	25

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

Patent Applications Submitted

Year: 2011

Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2011	Extension	Research	Total
Actual	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Conduct educational programs focusing on natural resources, water and the environment.

Provide one-on-one technical assistance/consultations. Assist small scale and socially disadvantaged farmers and the Natural Resources Conservation Service to develop best management practices and/or conservation plans.

Year	Actual
2011	600

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Program participants are expected to benefit from the educational training programs, workshops, and technical assistance offered by extension service personnel. This will be measured by: number of farms adopting best management practices, number of conservation plans developed, number of farms with forest management plans, and number of farms adopting new management techniques.

Outcome #1

1. Outcome Measures

Program participants are expected to benefit from the educational training programs, workshops, and technical assistance offered by extension service personnel. This will be measured by: number of farms adopting best management practices, number of conservation plans developed, number of farms with forest management plans, and number of farms adopting new management techniques.

2. Associated Institution Types

- 1890 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Actual
2011	150

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

The conservation and management of land and other rural resources in rural communities is important to their survival.

What has been done

Extension developed a series on workshop and programs designed to assist landowners on being better stewards of their land. The workshops and programs were conducted in the area of Water Quality, Pond Management, Forestry, and Conservation Management.

Results

A mailing list and e-mail list of producers were developed and direct mails were sent to landowners. E-mail blasts were developed to inform producers about programs relating to the areas of Forestry. Extension agents worked with USDA agencies and CBOs to provide educational programs on this subject. Over 400 producers were involved in this effort. Producers report increase in the number of trees planted, increase in the price they received for their timber and a reduction in timber thief.

4. Associated Knowledge Areas

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
111	Conservation and Efficient Use of Water
123	Management and Sustainability of Forest Resources

V(H). Planned Program (External Factors)

External factors which affected outcomes

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

Brief Explanation

Extreme weather played a factor in carrying out some of the plans for this program. There were extreme moisture conditions in parts of the state and drought conditions in other parts of the state.

V(I). Planned Program (Evaluation Studies)

Evaluation Results

55% of the participants indicated that they would adopt at least one new Best Management Practices on which they were trained. Participants also applied for an increased number of cost share under the Equip Program related to Water and Forestry Management.

Key Items of Evaluation

Adoption of Best Management Practices

V(A). Planned Program (Summary)

Program # 10

1. Name of the Planned Program

Family Finance and Resource 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
801	Individual and Family Resource Management		100%		
	Total		100%		

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2011	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	3.1	0.0	0.0
Actual Paid Professional	0.0	3.2	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
0	409593	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	195356	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	24900	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Individuals and families will learn to take control of their finances through experiential learning activities. Credit and debt management workshops and seminars will be conducted using the College of Ag & Human Sciences E-Bus (mobile internet unit with lap top computers).

2. Brief description of the target audience

Limited resource families, Single Parents, College Students, Individuals who have experienced job loss

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2011	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	1760	35000	400	21000

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

Patent Applications Submitted

Year: 2011

Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2011	Extension	Research	Total
Actual	2	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Conduct educational programs on family resource management, budgeting and credit management. Provide one-on-one consultations for individuals and families. Identify number of participants attending financial management workshops, seminars and classes. Utilize the College of Ag & Human Sciences E-Bus to assist under represented families with debt and credit management.

Year

Actual

2011

0

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Improved credit scores, number of savings account, number of clientele developing a budgeting plan, number of individuals and families setting goals.

Outcome #1

1. Outcome Measures

Improved credit scores, number of savings account, number of clientele developing a budgeting plan, number of individuals and families setting goals.

2. Associated Institution Types

- 1890 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2011	750

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

College students are expending large sums in student loans and are unable to pay loans upon graduation. Limited resource families are continuously challenged with developing financial goals and lowering debt in an effort to enhance family stability and confidence during these economic times.

What has been done

A variety of experiential learning experiences targeted college students, single family households, and limited resource families. Educational activities included: simulation workshops, seminars, newsletters, web sites and media.

Results

Students are reducing the amount of loans they are taking out for their education. Individuals have learned to start designing a budget in accordance to the amount of resources coming into their home as well as the amount of money being spent. Families are communicating their feelings about things that are of importance to them and how it affects the family budget. Families are reducing their food budget by preparing healthy meals at home and eating out less.

4. Associated Knowledge Areas

KA Code	Knowledge Area
801	Individual and Family Resource Management

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Competing Public priorities
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)

Brief Explanation

Due to the economic recession many individuals and families found new interest, confidence and skills needed to manage finances during difficult times. Some individuals were unable to attend workshops and educational activities due to transportation limitations, rising cost of fuel and lack of child care support.

V(I). Planned Program (Evaluation Studies)

Evaluation Results

The majority of individuals who participated in the financial management outreach activities revealed new knowledge gained; debt reduction; and checking and savings accounts opened. Families learned how to develop and use a shopping list to make purchases. Credit discrepancies resolved for college students and clientele.

Key Items of Evaluation

Credit
Budgeting
Savings plan
Financial management

V(A). Planned Program (Summary)

Program # 11

1. Name of the Planned Program

Nutrition, Health and Wellness

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		100%		
	Total		100%		

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2011	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	7.0	0.0	0.0
Actual Paid Professional	0.0	3.1	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
0	175944	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	83918	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	10695	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Provide one-on-one consultations
 Conduct on-site food demonstrations
 Provide train-the-trainer opportunities

Conduct educational programs and classes
 Teach a series of nutrition classes to special interest groups
 Exhibit educational displays at various sites

2. Brief description of the target audience

Minority families and individuals
 Senior adults
 Single parents
 Persons coping with and at risk for chronic illnesses

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2011	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	9015	65000	1650	28500

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

Patent Applications Submitted

Year: 2011
 Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2011	Extension	Research	Total
Actual	1	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Conduct educational programs on basic nutrition, enroll participants in a series of nutrition educational classes, conduct nutrition workshops and seminars on new dietary guidelines and

MyPyramid, disseminate information letters addressing nutrition and health, and conduct on site food demonstrations for adults and youth.

Year	Actual
2011	850

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Participants understand and use MyPyramid in meal buying and preparation. Participants become aware of diet related diseases. Participants understand the connection between diet and exercise. Participants increase consumption of fruits and vegetables. Expectant teen mothers adopt healthy eating habits. Participants modify recipes to decrease amount of calories.

Outcome #1

1. Outcome Measures

Participants understand and use MyPyramid in meal buying and preparation. Participants become aware of diet related diseases. Participants understand the connection between diet and exercise. Participants increase consumption of fruits and vegetables. Expectant teen mothers adopt healthy eating habits. Participants modify recipes to decrease amount of calories.

2. Associated Institution Types

- 1890 Extension

3a. Outcome Type:

Change in Condition Outcome Measure

3b. Quantitative Outcome

Year	Actual
2011	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

According to the National Institute of Health, 23.6 million Americans -7.8% of the population have diabetes, with nearly a third undiagnosed. According to the Texas Diabetes Council, diabetes is the sixth leading cause of death in Texas. Within the targeted population of limited resource audience, diabetes is exacerbated by disease of the heart attributing to cause of death. Obesity leads to an increase in diabetes, hypertension and other chronic conditions.

What has been done

Limited resource individuals and families attended six education classes focusing on understanding, coping, controlling, and the complications of diabetes. Individuals attended health fairs, received free screenings, healthy food demonstrations, participated in exercise aerobics, walking, 5-K runs, Line Dancing, and Zumba.

Results

Medical doctors informed over 48% of participants that they were diabetic, 58% were overweight, and 67% had high blood pressure. Participants lost weight and reduced risks of diabetes through participating in walking, reducing caloric intake, eating more vegetables and fruit, and preparing food with less salt, sugar and fat.

4. Associated Knowledge Areas

KA Code	Knowledge Area
703	Nutrition Education and Behavior

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Competing Programmatic Challenges
- Other (CEP staff changes)

Brief Explanation

Individual class participants unable for various reasons to complete all sessions.
Lack of available transportation.
Personnel changes at community sites.
Lack of family support for individuals enrolled in class series.

Extreme heat, wild fires, and drought conditions in various Texas counties where Extension agents are located.

V(I). Planned Program (Evaluation Studies)

Evaluation Results

Individuals change food portion consumption.
More individuals read food labels.
Increase in home gardens.
Regular monitoring of blood glucose levels.
Increase in physical fitness activities, such as walking and dancing.
Increase consumption of fruits and vegetables.
Weight loss which led to decrease in prescribed medications.

Key Items of Evaluation

Increase knowledge and adoption of nutrition education
Diabetes and obesity management
Family meal time and food preparation
Health

V(A). Planned Program (Summary)

Program # 12

1. Name of the Planned Program

Parenting Education and Family Life 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
802	Human Development and Family Well-Being		100%		
	Total		100%		

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2011	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	5.4	0.0	0.0
Actual Paid Professional	0.0	6.8	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
0	385266	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	183755	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	23421	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Conduct educational programs on parenting, grandparents as parents, improving communications and listening skills, discipline, building self esteem, and bullying.

2. Brief description of the target audience

- Single parents
- Grandparents as parents
- Teen parents
- Parents
- Students
- Educators

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2011	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	2900	16800	1700	8500

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

Patent Applications Submitted

Year: 2011
 Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2011	Extension	Research	Total
Actual	1	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Conduct educational programs on parenting. Provide one-on-one consultations for parents/grandparents. Measure knowledge gained, behavioral changes, and adoption of best practices of participants attending conferences/seminars, and students participating in educational sessions.

Year	Actual
2011	3200

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Improved communication skills, learned new ways to manage anger, learned how to cope with stress, identify effective discipline strategies, increased awareness of dealing with bullies

Outcome #1

1. Outcome Measures

Improved communication skills, learned new ways to manage anger, learned how to cope with stress, identify effective discipline strategies, increased awareness of dealing with bullies

2. Associated Institution Types

- 1890 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Actual
2011	900

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Children are influenced by many different elements in their environment and parents are the primary influence in the lives of their children. Research indicates that children who grow up with actively involved and nurturing parents (as opposed to uninvolved parents) reap numerous benefits, including better school performance, increased self-esteem, healthier relationships with peers, and greater access to financial resources. Quality education programs can assist parents in developing skills they need to effectively raise their children (i.e., conflict resolution, effective communication, effective discipline, consequences)

What has been done

Education classes and workshops were conducted to address new and emerging family challenges such as bullying, cyber bullying, anger management, parenting, and a back-to-school boot camp.

Results

Through education classes, parents and youth expressed their ability to communicate more effectively by listening to each other. Youth surveyed indicated that they were better equipped to handle their anger and informed adults when being bullied. Also, bullies stated that they have a better understanding of how their behavior can negatively impact their peers.

4. Associated Knowledge Areas

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

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)
- Other (CEP staff changes)

Brief Explanation

Economic recession
Lack of community resources and support systems
Families in transition
Grandparents and other family members raising children again
Military parents and the impact of deployment
Incarcerated
Parents suffering from depression and other illnesses
Consequence of drug addicted parents

V(I). Planned Program (Evaluation Studies)

Evaluation Results

After participating in the Bullying Summit, students, parents, and teachers became more alert about the consequences of bullying and being bullied. Adults identified several key elements that their children/students may exhibit when they are bullied/cyber bullied. Teachers, parents and school staff members are better prepared to identify and address all forms of bullying. Teen parents developed and implemented knowledge gained for healthier and safe children. Parents indicated that they communicated more effectively with their children. Additionally, new methods of discipline were applied.

Key Items of Evaluation

School violence
Family resiliency
Parenting
Intergenerational families

V(A). Planned Program (Summary)

Program # 13

1. Name of the Planned Program

Human Health and Well-Being

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
724	Healthy Lifestyle		100%		
	Total		100%		

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2011	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	6.0	0.0	0.0
Actual Paid Professional	0.0	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
0	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	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

Numbers and descriptions for the Human Health and Well-Being Planned Program were reported in the:

#11 Nutrition, Health and Wellness Planned Program.

2. Brief description of the target audience

Numbers and descriptions for the Human Health and Well-Being Planned Program were reported in the:

#11 Nutrition, Health and Wellness Planned Program.

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2011	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	0	0	0	0

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

Patent Applications Submitted

Year: 2011

Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2011	Extension	Research	Total
Actual	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Conduct educational programs on chronic illnesses, participants attending conferences/seminars, individuals receiving free health screenings, disseminate newsletters via

website

Not reporting on this Output for this Annual Report

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Increased number of individuals participating in health screenings, participants become aware of diet related diseases and prevention strategies, participants understand the importance of early diagnoses for all family members

Outcome #1

1. Outcome Measures

Increased number of individuals participating in health screenings, participants become aware of diet related diseases and prevention strategies, participants understand the importance of early diagnoses for all family members

Not Reporting on this Outcome Measure

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)
- Other (CEP staff changes)

Brief Explanation

Numbers and descriptions for the Human Health and Well-Being Planned Program were reported in the:

#11 Nutrition, Health and Wellness Planned Program.

V(I). Planned Program (Evaluation Studies)

Evaluation Results

Numbers and descriptions for the Human Health and Well-Being Planned Program were reported in the:

#11 Nutrition, Health and Wellness Planned Program.

Key Items of Evaluation

Numbers and descriptions and evaluation information for the Human Health and Well-Being Planned Program were reported in the:

#11 Nutrition, Health and Wellness Planned Program.

V(A). Planned Program (Summary)

Program # 14

1. Name of the Planned Program

4-H SET/STEAM (Science, Technology, Engineering, Agriculture & Mathematics)

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		40%		
806	Youth Development		60%		
	Total		100%		

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2011	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	6.0	0.0	0.0
Actual Paid Professional	0.0	3.0	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
0	120423	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	101897	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	22803	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Career Awareness and Youth Leadership Laboratory
 Educational SET/STEAM workshops, training sessions/seminars, conferences and
 Web-seminars

College of Ag & Human Sciences E-Bus
 Specialty Camps and Day Camps
 Adult Leader's Training Retreats and Institutes
 Newsletters

2. Brief description of the target audience

Underrepresented and underserved youth ages 8 to 19 years old
 Underrepresented and underserved adult leaders 8 to 19 years old

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2011	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	238	59250	3282	59250

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

Patent Applications Submitted

Year: 2011
 Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2011	Extension	Research	Total
Actual	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- 4-H SET/STEAM training sessions for adult leaders. Train adults to work with youth and promote science, engineering and technology projects. Conduct 4-H SET fairs and community science academy. Conduct educational SET workshops. Develop newsletters. Organize youth into groups and clubs. Implement 4-H SET camps and retreats. Involve youth in 4-H project groups

and clubs.

Year	Actual
2011	5604

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Youth will become involved within a variety of SET activities to enhance their competencies. Increase awareness and interest in SET projects to pursue future careers in foods and agriculture sciences.

Outcome #1

1. Outcome Measures

Youth will become involved within a variety of SET activities to enhance their competencies. Increase awareness and interest in SET projects to pursue future careers in foods and agriculture sciences.

2. Associated Institution Types

- 1890 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Actual
2011	1411

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

According to the National Research Council (2009), today's challenges center around finding solutions to global affects related to energy, security, human health, environment, climate change and food reproduction and demands. All of these challenges are related to agriculture. According to the literature, science, technology, engineering and mathematics are often referred to as SET or STEM discipline and these disciplines play essential roles in finding solutions. It is very important that youth are aware of the importance of agriculture as a discipline that is increasingly intertwined with food, fiber, fuel, bio fuels, greenhouse gas emissions, human nutrition and health, environment, water, and bio-security. Therefore, early outreach to youth is critical to foster the awareness of agricultural issues and its vital role in solving today's challenges. It is also imperative that awareness is made, so that more qualified individuals will enter into the workforce as scientists in the field.

What has been done

Youth were provided opportunities to engage youth in hands- on experiences of practical sciences. Youth participated in training/seminars, workshops, and projects that allowed them to explore and make connections with new and emerging fields of SET/STEAM opportunities. Youth were introduced to a number of physical activity programs promoting physical fitness, diet and food safety. Photography was a popular introduction to technology that attracted male and female youth. Robotics was implemented statewide and the Junior Master Gardener program continued to grow.

Results

Youth are now participating as soil judges, and entering into food show contests. Youth are demonstrating learning patience, and problem solving skills required to become employed in a technological society. The Career Awareness and Youth Leadership Lab was well attended with

youth reporting interest in STEM career fields.

4. Associated Knowledge Areas

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
806	Youth Development

V(H). Planned Program (External Factors)

External factors which affected outcomes

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

Brief Explanation

Texas experienced extreme drought and wildfires. Extension agents assisted with families in shelters, and some of the programs and meetings were cancelled due to these conditions in various Texas counties. Cooperative Extension provides a comprehensive youth development program and young people have many opportunities to be involved in positive educational activities.

V(I). Planned Program (Evaluation Studies)

Evaluation Results

Over 70% of participants in STEM related programs expressed a willingness to consider a career in the STEM field if given an opportunity.

Key Items of Evaluation

Increased awareness of career preparation
Youth job placement
Youth interest in starting a business