



## 2011 District 12 4-H Shooting Sports Project

### Evaluation Summary

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Shooting Sports has grown in popularity among District 12 4-H members, aside from being one of the Texas 4-H program's largest volunteer-driven programs. Enrollment in 2010-2011 within the 20-counties of District 12 reflected that 518 youth selected Shooting Sports as a 4-H project. Through 2010, shooting sports had been primarily supported at the county level through local clubs and matches organized by county Extension agents, volunteers, and coaches. District 12 hosted an annual Rifle Match in connection with other 4-H Roundup events. In 2010, a small committee of agents gathered to discuss the possibility of expanding district-wide opportunities. As a result of that discussion, the District 12 4-H program hosted a Shooting Sports Postal League for smallbore and archery disciplines. In addition, they hosted a Shooting Sports Match, which included smallbore and archery, in lieu of only a smallbore rifle match. Both events provided a new opportunity for smallbore (postal league) and two opportunities for archery which had never been provided at the district level in recent years.

There were 120 youth that participated in the postal league (80-smallbore, 40-archery), and there were 153 youth that attended the 2-day Shooting Sports Match that included smallbore and archery. While the postal league was not a formal meet, the Shooting Sports Match resulted in over 400 people in attendance, including contestants. It is important to note, however, that there were many other events conducted locally to support 4-H Shooting Sports. One of the most important tools to assess effectiveness and improve the quality of programs we conduct is to solicit feedback and input from our clientele through surveys and evaluations. The evaluation was administered online to participants of 4-H Shooting Sports as determined by project selection.

The online evaluation was administered in two weeks after the event, with a follow-up a week later. Respondents were asked to respond about their personal development as well as knowledge and skills gained as a result of their involvement in Shooting Sports. The evaluation was distributed to 103 unique email addresses targeting 518 youth. There were 80 respondents to the evaluation representing 15% of all youth who designated Shooting Sports as a 4-H project. This also represents a 78% (80 of 103) response rate based on each unique email address.

### **BEHAVIOR**

The online evaluation asked participants to indicate behavior changes in their own personal development in thirteen different areas (assets). Youth were asked to assess changes in their behavior *as a result of their involvement* in the shooting sports project. Changes were based on a 4-point scale (Not at All, Very Little, Somewhat, and Greatly). The participants' responses (n=80) reflected the following results as it relates to behavior changes in their personal development:

- **87.0%** (70 of 80) greatly increased how they ***show respect for others and their feelings***
- **78.8%** (63 of 80) greatly increased how they ***cooperate with others***
- **77.5%** (62 of 80) greatly increased their ***positive attitude towards others***
- **71.2%** (57 of 80) greatly increased how well they ***listen to what others have to say***
- **67.5%** (54 of 80) greatly increased ***completing their obligations & following through with promises***



There were approximately 1,040 (80 respondents x 13 assets) total responses from the 80 respondents in the Personal Development section of the assessment. The responses of the collective group of personal development assets reflected the following:

- **99.0%** (1030 of 1040) reflected ***positive change in personal development (13 assets)***
- **92.2%** (959 of 1040) demonstrated ***Somewhat to Greatly change in personal development (13 assets)***

## **KNOWLEDGE**

The online evaluation assessed increases in knowledge in six areas related to shooting sports. They were asked to rate their level of knowledge increase in each of the areas on a 4-point scale (Not at All, Very Little, Somewhat, and Greatly) as *a result of their involvement in the shooting sports project*. The participants' responses (n=80) reflect the following increases in knowledge:

- **85.0%** (68 of 80) ***Greatly increased*** their knowledge of ***shooting safety***
- **83.8%** (67 of 80) ***Greatly increased*** their knowledge of the ***types of equipment***
- **82.5%** (66 of 80) ***Greatly increased*** their knowledge of ***shooting etiquette***
- **77.5%** (62 of 80) ***Greatly increased*** their knowledge of the ***rules for competition***
- **76.3%** (61 of 80) ***Greatly increased*** their knowledge of ***sportsmanship***
- **75.0%** (60 of 80) ***Greatly increased*** their knowledge of ***how to score targets***

There were approximately 480 (80 respondents x 6 areas) total responses from the 80 respondents in the Knowledge areas of the assessment. The responses of the collective group of knowledge areas assets reflected the following:

- **98.7 %** (474 of 480) ***increased*** their ***knowledge of shooting sports (6 areas)***
- **95.6%** (459 of 480) ***Somewhat to Greatly increased*** in their ***knowledge of shooting sports (6 areas)***

## **SKILLS**

The online evaluation assessed increases in four different skills related to the shooting sports. They were asked to rate their increase in each of the four skills on a 4-point scale (Not at All, Very Little, Somewhat, and Greatly) as *a result of their involvement in the shooting sports project*. The participants' responses (n=80) reflected the following increases in skills:

- **77.5%** (62 of 80) ***Greatly increased*** their ability to ***use correct form when shooting***
- **73.8%** (59 of 80) ***Greatly increased*** their ability to ***improve their score through practice and coaching***
- **60.0%** (48 of 80) ***Greatly increased*** their ability to ***group their shots***
- **58.8%** (47 of 80) ***Greatly increased*** their ability to ***determine how far it is to a target***

There were approximately 320 (80 respondents x 4 areas) total responses from the 80 respondents in the Knowledge areas of the assessment. The responses of the collective group of knowledge areas assets reflected the following:

- **96.9%** (310 of 320) ***increased*** their ***shooting sports skills (4 areas)***
- **94.7%** (303 of 320) ***Somewhat to Greatly increased*** their ***shooting sports skills (4 areas)***

## **INVOLVEMENT**

Respondents were asked a variety of questions related to their shooting sports involvement. Participants were asked to specify which type of shooting sports discipline (e.g. smallbore, archery) they had experienced. Participants were also asked to disclose where they participated (e.g. club, county, district, state). The District 12 4-H program hosted five independent events in 2011, and participants were asked to indicate if they had participated in any of those events. Participants were asked to rate their *level of involvement* on a 4-point scale (Not very, Somewhat, Very, or Extremely). Project diversity was also assessed to determine if shooting sports

was their only project, they had other projects, and which they considered to be their main project. Finally, participants were asked their age and gender. Respondents (n=80) indicated the following about their involvement in 4-H shooting sports.

**Discipline**—Respondents were able to select multiple disciplines as well as add any that were not listed. A total of 88 responses were recorded from the participants (n=80). There were approximately 36.4% (32 of 88) were in the smallbore discipline while 30.7% (27 of 88) were in archery.

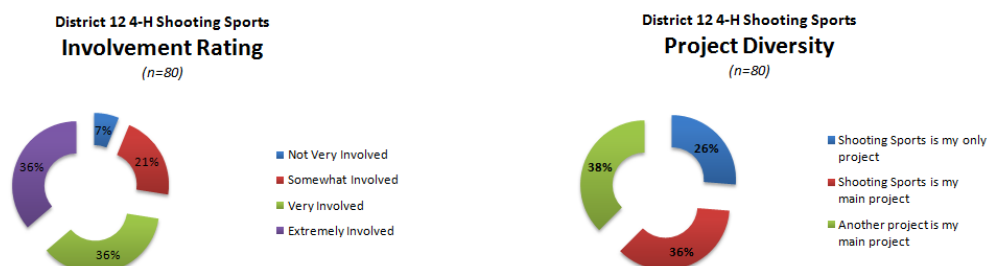
**Level of Involvement**—Respondents were able to select multiple levels of involvement (e.g. club, county, district, state). A total of 173 responses were recorded from the participants (n=80). There were approximately 37.6% (65 of 173) indicated that they participated at the club level, while 12.1% (21 of 173) indicated that they went as far as the state level to participate.

**Events**—Respondents were able to select multiple events that were provided at the district level. A total of 119 responses were recorded from the participants (n=80). Of those responses, 50% (40 of 80) indicated that they did not participate in any district events while the remaining 40 participated in one or more district shooting sports events (2 postal league events, 3 match events). There were 79 responses from the 40 participants indicating events in which they had participated. The Postal League events were held at the county level while the Match event was a 2-day event in Benavides for smallbore and archery.



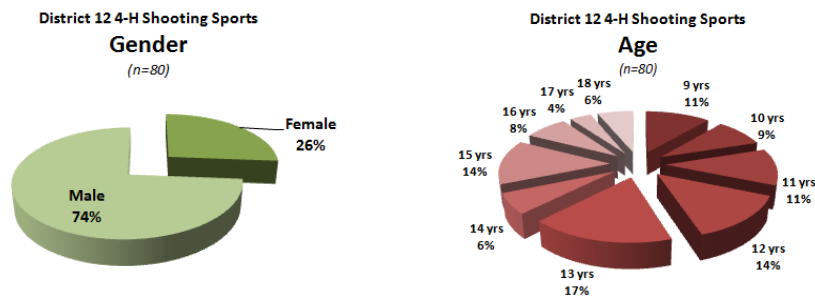
**Involvement Rating**—Respondents were asked to rate their level of involvement on a 4-point scale (Not very, Somewhat, Very, and Extremely). The responses indicated that **57%** (58 of 80) of participants consider themselves either **Very** or **Extremely involved** in shooting sports.

**Project Diversity**—Respondents were asked to select one of three choices that best described their shooting sports project in relation to other 4-H projects in which they may be involved. A total of 80 responses reflected that 62.5% (50 of 80) of the participants considered shooting sports their only project or main project, while 37.5% (30 of 80) of the participants had other projects they considered to be their main project.



## **GENDER & AGE**

The online evaluation assessed participants' gender (Male/Female) and age (9yrs to 18yrs). The participants' responses (n=80) reflected the following demographic information:



## **SUMMARY**

The 4-H Shooting Sports project in District 12 continues to surface as a major project area. Recent additions to existing shooting sports events/activities at the district level provide additional avenues for 4-H members across the district to be involved in the shooting sports project. It is a project that teaches not only valuable knowledge and skills, but influences personal development attributes of young people involved in the project.

Responses reflect that shooting sports has a significant impact on personal development assets such as respecting and cooperating with others. In addition, participants build knowledge of safety and equipment while improving skills that improve form and ultimately performance. 4-H members involved in shooting sports in District 12 are involved in multiple disciplines with most in rifle and archery. They are involved in all levels (club to state) but mostly at the local level. 4-H members involved in shooting sports consider themselves mostly Very or Extremely involved in this project and also consider this to be their main project despite involvement in other 4-H projects.

The data from this assessment reflects that there are more males than females involved in the project and that the most frequent age of participants is 13 years of age. If one considers the 4-H age groups (Juniors, Intermediates, and Seniors), the largest group is 42.5% (34 of 80) are Intermediates ranging in age from 11 to 13 years. This is followed by the Senior age division which makes up 37.5% (30 of 80) of participants. Interestingly, the Senior age division is generally the lowest group of young people involved in 4-H across the district and Texas 4-H compared to the other two age groups.

More opportunities are in the horizon to support youth interest in shooting sports. The District 12 4-H program is expected to host events for shotgun while expanding existing opportunities for rifle and archery. As more youth become involved and aware about the benefits of this project, growth district-wide is inevitable. Considering this project attracts an older 4-H member, perhaps there opportunities to expand enrollment among those age groups. The responses to this survey only reinforce the value of the project, contests, and roles of members, leaders, parents, and agents in making this a successful experience for youth.

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