

HEAD • HEART • HANDS • HEALTH



Texas 4-H and Youth Development

TEXAS COOPERATIVE EXTENSION



Volunteers

*Expanding Outreach
to More Texans*

- In 2005-06, Texas 4-H and Youth Development utilized 42,764 volunteers across the 4-H program.
- These volunteers worked an average of 4.5 hours annually for a total of 192,438 hours volunteered.
- An after-tax hourly wage rate of \$13.56 including fringe benefits, was derived to value the time contributed by volunteers.
- Using the adjusted hourly wage and the number of volunteer hours contributed by 4-H volunteers, the value of volunteers was an estimated \$2.6 million in 2005-06.

| | |
|--|----------------|
| Total 2005-2006 Youth Participating in Texas 4-H (duplications eliminated)..... | 658,810 |
| School Enrichment Program..... | 429,124 |
| Special Interest/Short Term Program..... | 166,612 |
| Club Enrollment (Community, Military, School)..... | 57,824 |
| Camping Program Enrollment..... | 6,381 |
| After School Enrollment..... | 7,583 |
| Total Number of Volunteers Involved in Texas 4-H | 42,764 |
| Adult Volunteers..... | 36,500 |
| Youth Volunteers..... | 6,264 |

Membership Demographics¹

| | |
|-----------------------|---------|
| African American..... | 81,904 |
| American Indian..... | 2,706 |
| Asian..... | 9,906 |
| Hispanic..... | 274,692 |
| White..... | 547,265 |

¹ Some youth declared more than one ethnicity.

Membership by Gender

| | |
|-------------|---------|
| Female..... | 335,037 |
| Male..... | 323,773 |

Membership Residences

| | |
|--------------------------|---------|
| Farm..... | 55,478 |
| Towns under 10,000.... | 143,104 |
| Towns 10,000-50,000.. | 127,300 |
| Suburbs over 50,000..... | 33,138 |
| Cities over 50,000..... | 299,790 |

Program Delivery Cost

The delivery cost per Texas 4-H member per day is **\$.09** per day compared to an incarcerated TYC Youth which is **\$153.24²**

²Texas Youth Commission (www.tyc.state.tx.us)

Types of 4-H Projects Young People Engaged In: Science, Engineering, and Technology

| | |
|---|---------|
| Consumer and Family Science..... | 22,390 |
| Biological Sciences..... | 60,625 |
| Technology and Engineering..... | 13,127 |
| Physical Sciences..... | 54 |
| Environmental Education / Earth Sciences..... | 76,220 |
| Ag in the Classroom..... | 82,912 |
| Animals..... | 120,888 |
| Plant Science..... | 250,944 |
| Total Science, Engineering, & Technology..... | 627,160 |

Citizenship

| | |
|--|--------|
| Civic Engagement..... | 4,395 |
| Community / Volunteer Service..... | 8,095 |
| Leadership and Personal Development..... | 47,771 |
| Communications and Expressive Arts..... | 11,085 |
| Total Citizenship..... | 71,346 |

Healthy Lifestyles

| | |
|-------------------------------|---------|
| Foods and Nutrition..... | 112,491 |
| Health..... | 45,554 |
| Personal Safety..... | 30,539 |
| Total Healthy Lifestyles..... | 188,584 |

For more information on Texas 4-H contact:



Dr. Martha E. Couch
Associate Director, 4-H and Youth Development
Texas Cooperative Extension
7607 Eastmark Drive, Suite 101
College Station, TX 77840
Voice: 979-845-1211
Fax: 979-845-6495
E-mail: mcouch@ag.tamu.edu
<http://texas4-h.tamu.edu>

IT'S A FACT: 658,810 youth are enrolled in Texas 4-H.



During 2006, Texas 4-H conducted a broad scale study of Positive Youth Development. A child who exhibits signs of Positive Youth Development is defined as one who has enhanced skills in the areas of competence, confidence, character, caring, and connectedness. The study was part of a nationwide effort coordinated by Tufts University and funded by the National 4-H Council. As a partner in the study, Texas 4-H involved 690 4-H and non-4-H youth from the 4th through 12th grades, representing 47 urban and rural counties.

The study showed that youth who are in 4-H tend to exhibit grades and the sense of academic competence consistent with aspirations to pursue higher education.

- The general public associates participation in 4-H with school achievement and goals to pursue higher education.
- 96% of Texas 4-H youth surveyed reported that they agree they want to go to college to get the job they want.
- 91% indicated that their parents and guardians expect them to go to college.
- 76% of youth report that they will be able to contribute more to their community if they go to college.
- 85% indicated that giving back to the community is important and they feel they can help improve their communities.

A study of Texas 4-H Council alumni, showed that participating in the state-wide leadership group influenced their career choice. Seventy-one percent (71%) of the alumni indicated that their 4-H leadership participation positively influenced their career choice.

The results of such 4-H studies are important when it is noted that:

- School dropouts will earn \$200,000 less than high school graduates, and over \$800,000 less than college graduates, in their lifetime. Enhanced earning potential equates to increased purchasing power and contribution to the tax base for Texas.
- Dropouts make up nearly half the heads of households on welfare.
- Dropouts make up nearly half the prison population.

Other important discoveries in the Positive Youth Development Study worth noting were:

When Texans consider the millions of dollars that are paid out annually in insurance claims, due to vandalism, the positive outcomes of 4-H become even more prevalent.

- 85% of youth report that they never or rarely have broken or damaged the property of others.
- 85% report that they never have stolen or damaged government property.
- 80% report that they have never been with a group of peers who have damaged or stolen the property of others.

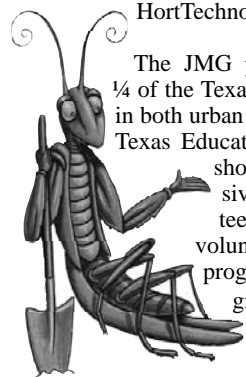


The Junior Master Gardener program grows good kids through igniting a passion for learning, success, and service and continues to expand to be one of the most popular 4-H projects offered in Texas.

Recent evaluation studies featured in the January 2006 issue of the National Science Teachers Association magazine highlighted the positive attributes of the Junior Master Gardening program. Evaluation studies conducted through both Texas A&M University and Louisiana State University found similar results in that "improved science achievement scores for those students who gardened through the JMG program." (Klemmer, Waliczek, & Zajicek. HortTechnology, July-Sept. 2005 and Smith, Motsenbocker. HortTechnology, July-Sept. 2005)

Additional studies indicated that "students participating in the JMG program increased their overall life skills as well as improved teamwork skills and self-understanding." (Robinson, Zajicek. HortTechnology, July-Sept. 2005) Finally, children participating in the JMG program "showed significant improvement in their knowledge of fruits and vegetables and reported eating healthier snacks after participation in the program." (Koch, Waliczek, and Zajicek. HortTechnology, October-December. 2006)

The JMG program represents approximately ¼ of the Texas 4-H enrollment reaching children in both urban and rural settings. As a recognized Texas Education Agency (TEA) training workshop, the JMG program offers extensive training for teachers and volunteers teaching over 450 teachers and volunteers yearly through educational programs offered through the TEA Regional Service Education Centers



Texas 4-H has been actively involved in targeting the after-school audience since the late 1980's and efforts are growing in counties as a result of the increasing need for constructive activities for youth during out-of-school time. In 2003, 174 counties identified this as a critical issue through the TCFF process.



Significant ways that 4-H Afterschool is impacting the Texas 4-H and Youth Development Program include:

- In 2005-06, a total of 1,701 educational programs relating to 4-H Afterschool were conducted by Extension employees reaching a total of 19,861 clientele.
- Two afterschool grants totaling \$55,000 were funded for Texas 4-H. Successes from these grants include: 235 Extension staff, volunteers and teen leaders were trained in 4-H Afterschool and conducted programming with a total of 1,737 afterschool youth.
- 10 new 4-H Afterschool Clubs were formed with 188 members. In-kind matching funds that were provided for these two grants totaled \$42,121.
- The Yea 4-H! An Afterschool Learning Adventure Curriculum was completed for grades K-2 and 3-5.
- A Yea 4-H! brochure and exhibit were developed to market the curriculum. The exhibit and brochures have been displayed approximately 20 times at local, county, district, regional, state, and national events.

The Texas Operation Military Kids program efforts have involved at least 18,691 individuals in a variety of program endeavors through 57 team efforts conducted by Military 4-H / OMK staff, OMK team members and Speak Out For Military Kids program participants since January 2006. We are proud to have hosted two Operation Purple Camps for military youth of deployed parents involving 154 military youth. More than thirteen 4-H and other service groups across the state have been involved in collecting and donating more than 1810 huggables in 2006. An additional 165 Hero packs were made and distributed to military youth of deployed families.

