

2014 FACT SHEET

Agricultural Education in Missouri

AG EDUCATION AT A GLANCE



BY THE NUMBERS

ENROLLMENT

- 26,724** Number of students who are enrolled in Missouri agricultural education programs
- 334** Number of comprehensive high schools and career centers that offer agriculture
- 5,127** Number of high school agricultural education graduates in 2011. Of this number 93.6% were employed or continuing their education. 52% are pursuing agriculture as a career.

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Agriculture and the food, fiber and natural resource system is America's most creative, productive and basic industry. Much of this country's success in agriculture can be attributed to a sound program of education. To advance a dynamic and efficient agriculture, food & natural resource system and to assure the continued well-being of our society, first-rate education must continue to be a high priority. A cooperative effort among educational institutions, government agencies and food, fiber and natural resource-related businesses will help Missouri provide leadership for the future through enhanced education.

Agricultural education is a systematic program of instruction available to students desiring to learn about the science, business and technology of plant and animal production and/or about the environmental and natural resources systems. Agricultural education first became a part of the public education system in 1917 when the U.S. Congress passed the Smith-Hughes Act. Today, over 800,000 students participate in formal agricultural education programs offered in grades seven through adult throughout the 50 states and three U.S. territories.

Preparing secondary, postsecondary and adult students for a variety of careers and advanced college or technical training in the Agriculture, Food and Natural Resources System is the primary focus of agricultural education. Each level of education contains a training program, which consists of classroom instruction, hands-on supervised agricultural experience and leadership opportunities through membership in the

Missouri FFA Association. Under the National FFA organization umbrella, FFA serves state and local agricultural education programs and receives leadership from the Missouri Department of Elementary and Secondary Education and U.S. Department of Education.



Leadership is one component of agricultural education's model of learning. Through membership in FFA, students learn advanced career skills in 49 national proficiency areas that range from food science and technology and agricultural communications to wild-life management and production agriculture. With more than 25,000 members statewide, Missouri ranks fourth nationally.

FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education. Today's FFA has evolved in response to expanded opportunities available in agriculture and its needs to hire skilled and competent employees for more than 300 careers. The organization helps students prepare for careers in business, marketing, science, communications, education, horticulture, animal and crop production, natural resources, forestry and many other diverse fields.



Agriculture / Agribusiness provides 23% of all U.S. jobs

STUDENT CAREER INTEREST

All students enrolled in agriculture programs are asked to identify an agricultural interest in one of six Agricultural Career Cluster areas:

- Agricultural Business Management Systems
- Agricultural Mechanics & Technology
- Animal Science Systems
- Food Science Systems
- Natural Resources Conservation Systems
- Plant Science / Horticultural Systems

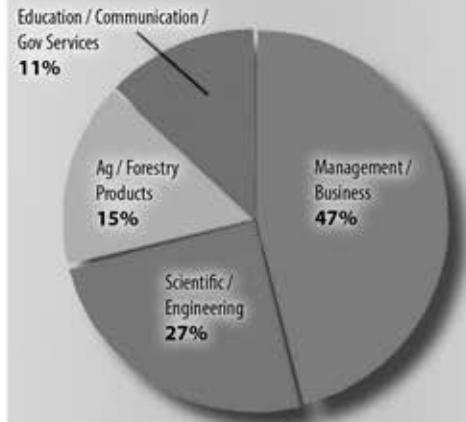
SUPERVISED AGRICULTURAL EXPERIENCE

Each student in agricultural education is counseled to select courses and Supervised Agricultural Experience Program activities that relate to his or her agricultural interest.

Of the 80% of students who completed SAE programs in 2012, 38% had ownership projects and 62% had placement projects where they work for someone in an agribusiness or on a farm. The average SAE net income per student for 2012 was \$2,430. Statewide, over \$44,217,043 net income was generated through SAE programs.

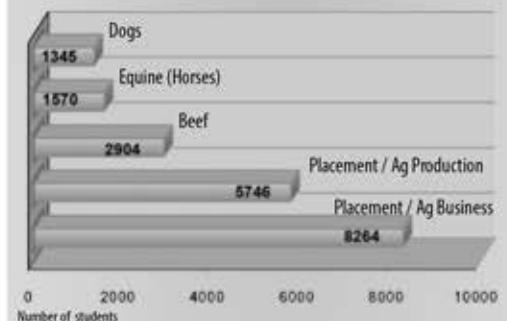
FORECAST FOR AGRICULTURAL CAREER OPPORTUNITIES THROUGH 2015

(USDA, 2010)



Agricultural Mechanics & Technology is one of six Agricultural Career Cluster areas in which students can enroll. In Missouri, 29% of agricultural education students are interested in this area, while 30% cite Animal Science Systems as their main program focus.

MISSOURI'S TOP 5 SUPERVISED AGRICULTURE EXPERIENCE PROGRAMS



FFA MEMBERSHIP

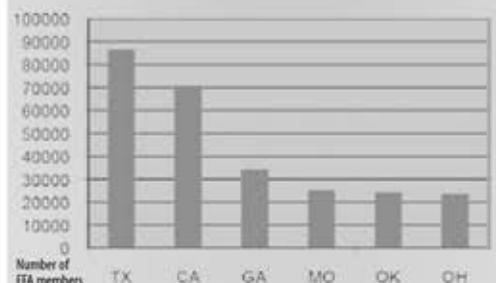
FFA activities are designed to teach leadership and promote personal skill development. Students can become involved at the area, district, state and national levels in various ways. Each agricultural education program in Missouri has a chartered FFA chapter. The 2012-13 membership in Missouri FFA was 25,145.

FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education.



Learning to Do, Doing to Learn, Earning to Live, Living to Serve is the FFA motto. Through FFA students not only gain valuable career skills for their future, but also develop a passion for giving back to their communities by helping feed the hungry.

MISSOURI RANKS 4TH IN NATIONAL FFA MEMBERSHIP

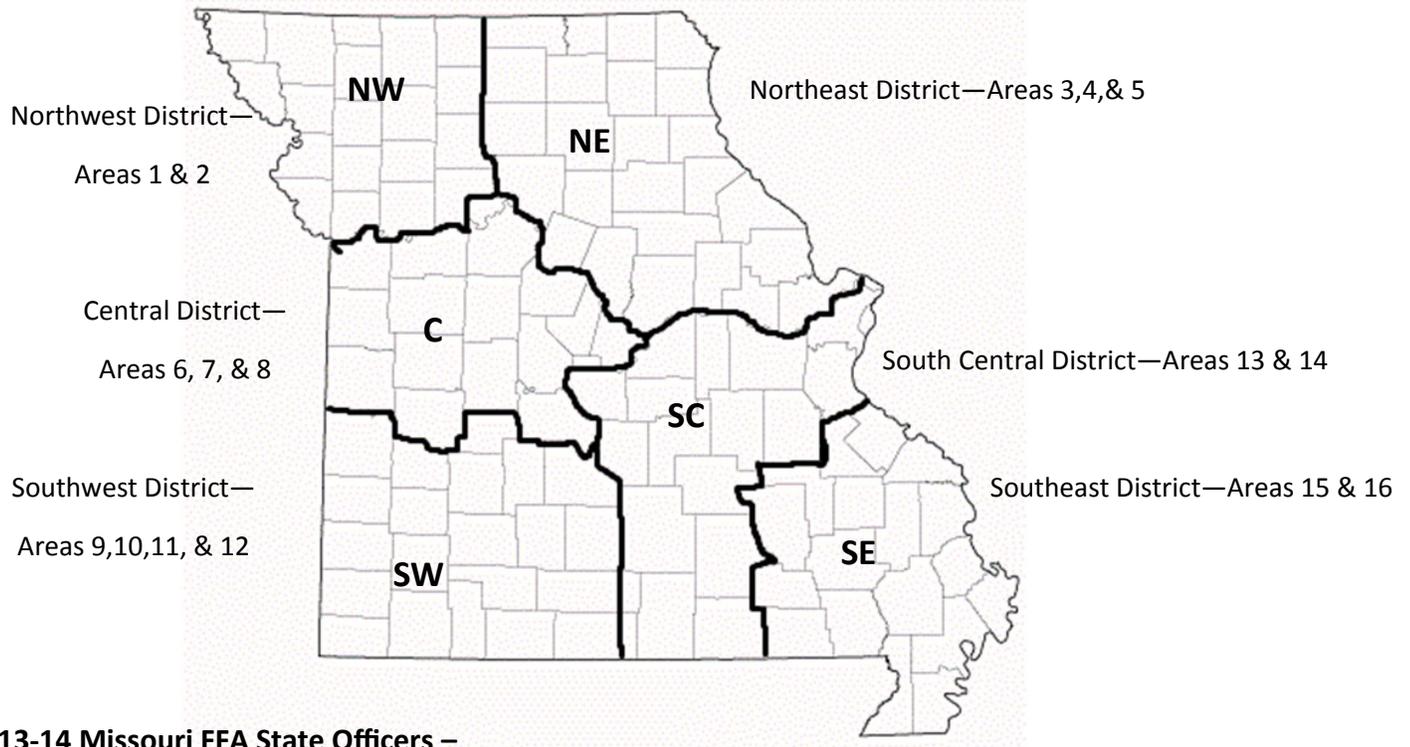


Missouri Ag Education | Phone 573.751.3544
<http://dese.mo.gov/ccr/ag/>
www.missouriffa.org

Missouri FFA & Ag Education Facts

2014 FFA Knowledge LDE Resource

Missouri FFA Districts & Areas –



2013-14 Missouri FFA State Officers –

- | | |
|--|---|
| President, Area 6 - Abrea Mizer, Marshall | Vice President, Area 9 - Connor Scott, Miller |
| 1st Vice President , Area 10 - Mitchell Blehm, Morrisville | Vice President, Area 11 - Jonathan Bellis, Aurora |
| Secretary , Area 2 - Taylor Washburn, North Harrison | Vice President, Area 12 - Morgan Coday, Seymour |
| Vice President , Area 1 - Tanner Adkins, West Nodaway | Vice President, Area 13 - Grant Talburt, Dora |
| Vice President , Area 3 - Miriam Martin, Meadville | Vice President, Area 14 - Jeremy Mathis, Potosi |
| Vice President, Area 4 - Tessa Chambers, Fayette | Vice President, Area 15 - Rylyn Small, East Prairie |
| Vice President , Area 5 - Mason Browning, Monroe City | Vice President, Area 16 - Carlee Buckner, Alton |
| Vice President, Area 7 - Alex Haun, Holden | Past President, Area 4 - Jaelyn Bergmann, Paris |
| Vice President, Area 8 - Dan Haynes, Nichols Career Center | |

2013-14 Missouri Agricultural Education & FFA State Staff –

- Leon Busdieker - Director of Agricultural Education, State FFA Advisor
- Keith Dietzschold - NW District Supervisor, State FFA Executive Secretary
- Oscar Carter - NE District Supervisor, State FFA Executive Treasurer
- Lisa Evans - Central District Supervisor
- David Higgins - SC & SE District Supervisor
- Steven Rogers - SW District Supervisor

Missouri FFA Demographics –

Agricultural Education Enrollment – 26,724

Number of FFA Chapters – 334

2012-13 State FFA Membership – 25,145

Missouri FFA Leadership Events –

Greenhand Motivational Conferences – Held annually in January, State FFA Officers educate and motivate new FFA members to become active in the organization and set personal goals during this conference.

State FFA Convention – Held annually in Columbia during April, State FFA Convention provides an opportunity for members to gain leadership skills, compete in Career Development Events and Leadership Development Events, explore careers and educational opportunities, and receive recognition for personal and chapter achievements.

LEAD Conference for Chapter Officers – Held each May at various locations across the state, the LEAD Conference prepares chapter officer teams for their year of service through team building activities, POA planning, and developing a chapter recruitment plan.

Public Speaking Academy – Each June, FFA members can participate in this three-day event designed for speakers of all experience levels. Each student develops and presents their speech on an agricultural topic.

State FFA Leadership Camp – Held each summer for six weeks at Camp Rising Sun on the Lake of the Ozarks, State FFA Leadership Camp provide members with opportunities for personal leadership development, interaction with State FFA Officers and other members, and recreational activities.

Area Officer Institute – Each June, Area FFA Officer teams are invited to participate in AOI to develop team goals, establish officer responsibilities and gain valuable experience needed for success as Area Officers.

HYMAX Academy – Helping Youth Maximize Agricultural eXperiences, HYMAX was established as a tribute to long-time State FFA Advisor, Dr. Terry Heiman. HYMAX attendees are Greenhands who gain experience in developing an agriculture advocacy plan, tour unique agricultural operations, and develop friendships with other members.

The Leadership Adventure – Each August, students from across the state can participate in this day-long conference which is designed for personal growth and specific training in areas of character, time management, and leading others.