

Missouri

AGRICULTURAL EDUCATION

2020 FACT SHEET



In Agricultural Education, learning does not start and stop at the classroom door! Through FFA and Supervised Agricultural Experiences (SAE) students have many opportunities to learn and develop real-world skills outside of the classroom and beyond the school day. In fact, a 2018-19 collaborative study between the National FFA Organization and Purdue University indicates FFA members are high achievers in the classroom and in their future careers.*

At a Glance

27,977

Students enrolled in Missouri agricultural education programs.

5,629

High school agricultural education graduates in 2018. 68% are pursuing agriculture as a career.

348

Missouri high schools and career centers offering agriculture classes for students.

WHY DO WE NEED FFA & AGRICULTURAL EDUCATION?

- Involvement in FFA is correlated with academic success.*
- Involvement in FFA parallels with higher career readiness among students.*
- FFA members have definite plans after high school.*
- FFA members desire to stay involved in agriculture as they enter their careers.*

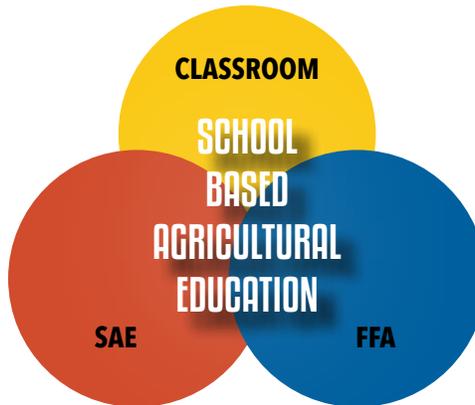
DID YOU KNOW?
 FFA members show higher ACT and SAT scores on average than the 2018 high school graduating class average.*

HOW DO STUDENTS LEARN IN AGRICULTURAL EDUCATION?

Through **classroom instruction**, ag ed students use unique problem-solving skills.

Ag Ed students gain **hands-on experience** outside the classroom through their Supervised Agricultural Experience (SAE).

Leadership development is a key component of FFA. Activities are designed to promote personal skill development.



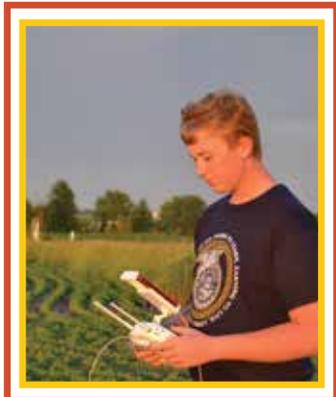
*2018-19 Purdue University/National FFA collaborative study.



CLASSROOM

An essential core component of school-based agricultural education, classroom/laboratory may be delivered in a classroom, laboratory, greenhouse or outdoor setting. Here, students explore natural and social sciences, entrepreneurship and other careers.

AGRIBUSINESS • AGRICULTURAL MECHANICS
ANIMAL SCIENCES • FOOD SCIENCE AND SAFETY
NATURAL RESOURCES • PLANT SCIENCES



Real-world skills.
Hands-on experience.
Career exploration.
College- and career-ready.
Passions discovered.
\$ earned while learning.
Entrepreneurs in the making.
Talents at work.

FFA

PREMIER LEADERSHIP • PERSONAL GROWTH • CAREER SUCCESS

FFA helps prepare members for career success through agricultural education by ensuring members are career-ready when they graduate high school. In 2018, **95.5%** of Missouri high school ag education graduates **were placed** in some way after high school. **31%** were employed, while **62%** were continuing their education and **4%** were in the military.

Missouri's TOP FIVE SAEs

1. Placement/Agribusiness Systems
2. Placement/Animal Systems
3. Placement/Food Production & Processing
4. Placement/Power Structures & Technology
5. Beef

Aligned to a
Career Path

Student-Led

Connected to
Agriculture



Instructor
Supervised

Measurable

Work-Based
Learning

SAE

Supervised Agricultural Experiences (SAEs) help students explore careers, refine their career choice, meet real-world career expectations and develop specific skills to be successful in the agricultural industry. SAEs enhance their experience, allowing them to apply what they learn in the classroom. Most of all, SAEs are personalized learning. SAEs are unique to each student and based on career interests and aspirations.

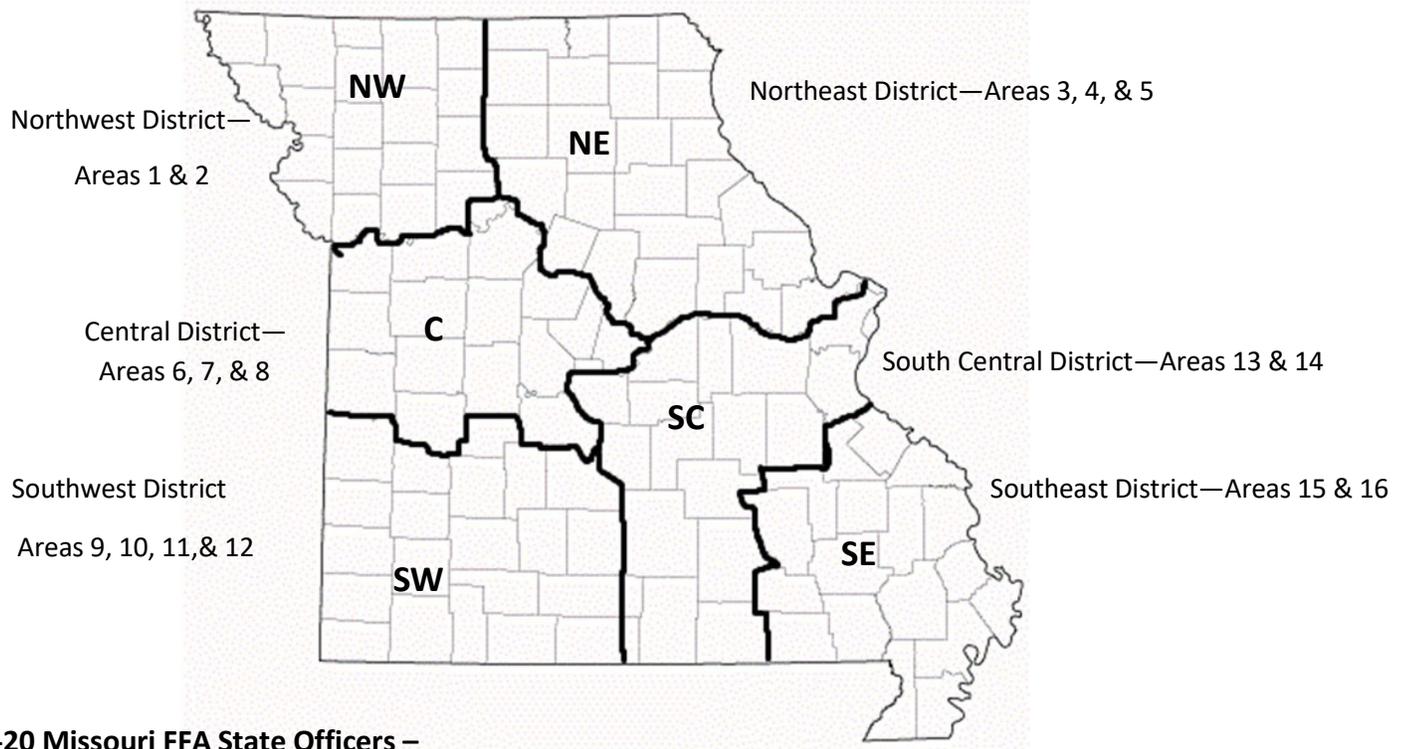
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\$50,150,067

Statewide, more than **\$50,150,067** of total student labor income was generated through SAE programs in 2018, or **\$2,727** per student. **12%** of students had **ownership** projects, while **34%** had **placement** projects where students work for someone in an agribusiness or on a farm. Moreover, **9%** had **agriscience** projects and **22%** had a **combination** of projects.

Missouri FFA & Ag Education Facts

2020 FFA Knowledge LDE Resource

Missouri FFA Districts & Areas –



2019-20 Missouri FFA State Officers –

President – Brenden Kleiboeker, Pierce City
1st Vice President – Isaiah Massey, Troy
Secretary – Alexandra Gast, Nevada
Vice President - Elizabeth Brooks, Ashland
Vice President – Kensie Darst, Aurora
Vice President – Jacob Hall, Marshall
Vice President – Jessica Janorschke, DeKalb
Vice President – Drew Kientzy, Silex
Vice President – Jacob Knaebel, Fatima

Vice President – Natalie Koch, Belle
Vice President – Kaylee Lewis, Chillicothe
Vice President – Andrew Moore, Clark County
Vice President – Matthew Morgan, Lamar
Vice President – Tyler Schuster, Boonville
Vice President – Kate Thompson, Columbia
Vice President – Alexis Wilkinson, Sikeston
State Officer Mentor – Quentin Carlyle, East Prairie

2019-20 Missouri Agricultural Education & FFA State Staff –

Leon Busdieker - Director of Agricultural Education, State FFA Advisor
Keith Dietzschold - NW District Supervisor, State FFA Executive Secretary
Marie Davis - NE District Supervisor, State FFA Executive Treasurer
Lisa Evans - Central District Supervisor
David Higgins - SC & SE District Supervisor
Jim Spencer Jr. - SW District Supervisor



Missouri FFA Demographics –

Agricultural Education Enrollment – 27,977

Number of FFA Chapters – 348

2018-19 State FFA Membership – 25,945

Missouri FFA Leadership Events –



Greenhand Motivational Conferences (GMC) – 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 (Lead, Educate, Advance, Develop) 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 (PSA) – 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 (AOI) – 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 – **H**elping **Y**outh **M**aximize **A**gricultural **eX**periences, HYMAX was established as a tribute to long-time State FFA Advisor, Dr. Terry Heiman. HYMAX attendees are Greenhands (100 strong) who gain experience in developing an agriculture advocacy plan, tour unique agricultural operations, and develop friendships with other members.

HYPE Academy – **H**elping **Y**outh **P**repare for **E**xcellence, HYPE was established in partnership with the Missouri Corn Growers to give students hands-on experiences in communicating and advocating for the agricultural industry. Thirty (30) incoming seniors will leave with tools to help others tell the agriculture story!

Public Speaking Institute (PSI) – Two weekends in January there is a one day institute that targets freshmen through seniors to improve their public speaking skills. Attendees gain knowledge in FFA speaking CDE's, tips on advocating for agriculture, and the essentials to better verbal communication.

Food Insecurity Day at the State Fair – In 2019, 800+ MO FFA members packed over 128,000 meals along with collecting over 15,000 pounds of non-perishable food in partnership with MO State Fair, MO Farmers Care, MO Department of Agriculture, and other agricultural organizations across Missouri. These meals were shared with the Feeding Missouri regional food banks across Missouri. The purpose was to bring awareness to food insecurity in Missouri where it is estimated that one in five children live in food insecure households, which increases to one in three children in rural parts of our state.