



NEW YORK FFA

WE PREPARE TODAY'S YOUTH FOR TOMORROW

FFA Mission Statement: 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.

FFA Motto: Learning to do, doing to learn, earning to live, living to serve.

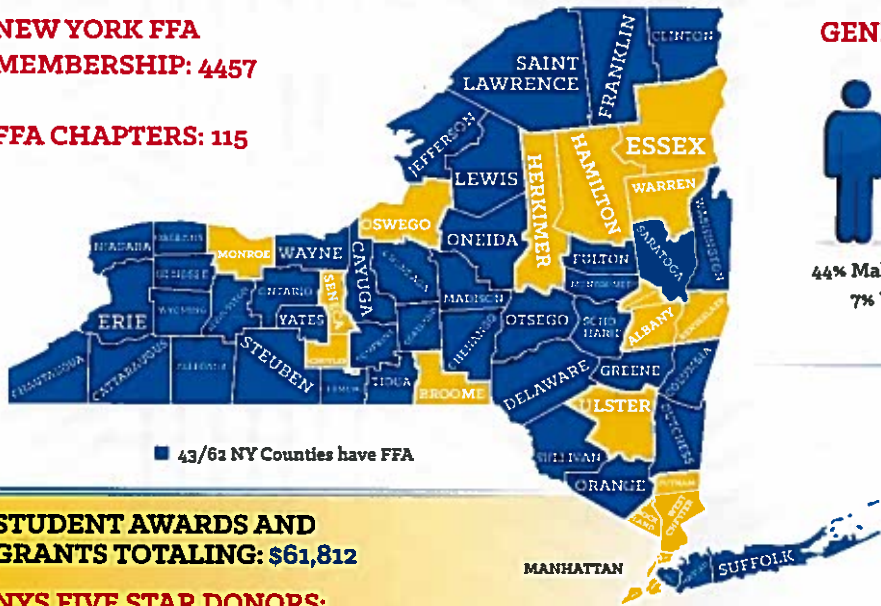


DID YOU KNOW?

EVERY AGRICULTURE COMPANY IN THE U.S. EMPLOYS FFA ALUMNI TODAY.

NEW YORK FFA MEMBERSHIP: 4457

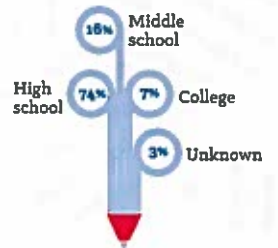
FFA CHAPTERS: 115



GENDER*



GRADE LEVEL*



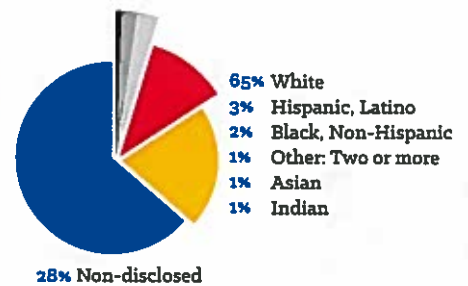
STUDENT AWARDS AND GRANTS TOTALING: \$61,812

NYS FIVE STAR DONORS:

CSX, INC.
FARM CREDIT EAST
FARM CREDIT EAST AGENHANCEMENT

DARYLE AND SHARON FOSTER
NORTHEAST AGRICULTURAL
EDUCATION FOUNDATION

RACE AND ETHNICITY*



*Based on reported data

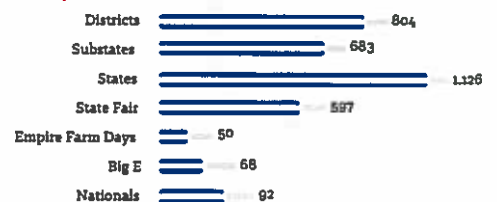
GRADUATION RATES:

CTE: 93%
GENERAL EDUCATION: 80%
HIGH SCHOOL CTE STUDENTS WHO PURSUE COLLEGE: 75%

CDE / LDES:

NATIONAL CDEs: 19
NATIONAL LDEs: 7
STATE CDEs: 37
STATE LDEs: 7
STATE JR CDE / LDEs: 6

CDE / LDE PARTICIPATION:





THE STATE OF TOMORROW'S LEADERS

FFA has seen a 31 percent increase in membership in the past decade, gaining an average of more than 15,000 members annually.

FFA GROWS LEADERS

We empower students to be versatile, lifelong learners, equip them with employable skills, and ensure that they are capable of successfully navigating this ever-changing world and its myriad of challenges.

FFA BUILDS COMMUNITIES

Through civic-minded community service, our members make an impact on their communities – and themselves.

FFA STRENGTHENS AGRICULTURE

Educational and experiential exposure to agriculture helps members gain understanding, explore interests and discover promising futures.

AGRICULTURAL COURSES OFFERED

- 92% Agriscience
- 71% Advanced Agriscience & Biotechnology
- 59% Agricultural Mechanics
- 49% Horticulture
- 43% Animal Science
- 24% Environmental Sciences

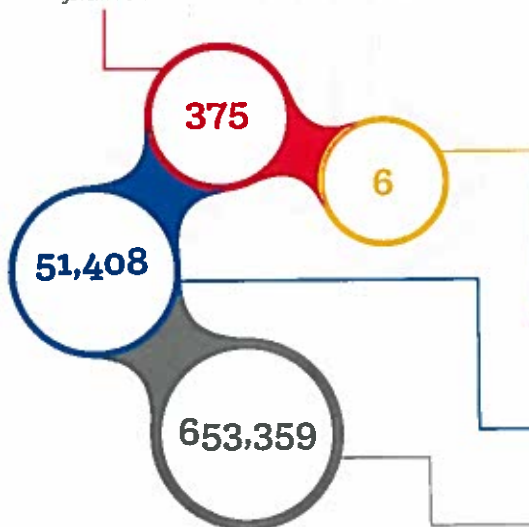


SCHOLARSHIPS AWARDED

\$2,745,546 Awarded in 1,888 Scholarships in 2017

STATE OFFICERS

600,000+ members are impacted by state officers. These teams also reach corporate and government influencers.



IN 2050, THE POPULATION ON EARTH WILL REACH 9 BILLION PEOPLE:



40% of global workforce needed to feed, shelter and clothe



25% of current AG workforce is 55+



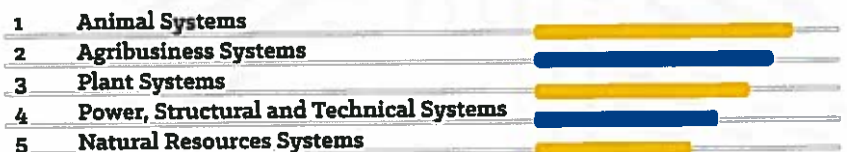
81% of ag jobs require more than a high school degree



<1% of college students pursue a career in AG

"According to Purdue University, the 34,500 new graduates with food, ag, renewable natural resources and environmental expertise will fill only 61% of the expected 57,900 annual job openings."

TOP 5 CAREER INTERESTS FOR FFA MEMBERS



NATIONAL OFFICERS

145,000+ members and millions of non-members are reached through high-level national and international engagements.

LOCAL-LEVEL OFFICERS

1 Million+ FFA members, AG students, local businesses and community leaders are inspired to build stronger communities.

NATIONAL FFA MEMBERS

Infinite impressions are made by FFA members who lead by example and intelligently advocate for the industry of agriculture.



FACEBOOK

facebook.com/NewYorkFFA



INSTAGRAM

instagram.com/nysffa



TWITTER

twitter.com/NYFFATweets

www.nysffa.org



SUPERVISED AGRICULTURAL EXPERIENCES

MEGAN LAMB

Supervised Agricultural Experiences help students to get real life, hands on experiences within the agricultural industry. They can range from any number of different projects, work placements and community improvement. One student in particular has been working for the past three years developing and improving Gladiolus varieties. Megan Lamb's SAE focuses in the area of Agri-Science Research, more specifically Plant Systems. She has certainly exceeded any goals and expectations she set for herself by taking her previous knowledge of gladiolus and plant anatomy and using it to start hybridizing new varieties. Using the open pollination technique, Megan has allowed her varieties to pollinate themselves with the intent to develop a new variety in several years. Even though Megan has faced many environmental obstacles, such as deer infestation and lack of natural rainfall, she has found a way to analyze, problem solve and develop new plans- Megan installed a large deer fence and underground soaker hose irrigation system to keep deer out and her gladiolus hydrated because of this, production continues to prosper.

Through her research, Megan has become actively involved with North American Gladiolus Council. During the summer of 2016, she was selected as a participant in the Trial Selection Plot, which allowed her to plant five gladiolus from fifteen different varieties to record data. She observed and recorded plant health, emergence, color, size, growing degree days, affects of weather, signs of plant disease, and overall worthiness of introduction. Over the past few years, Megan has acquired advanced plant anatomy knowledge, time management skills, and the importance of record keeping- all qualities useful to her future career. Megan represented New York at the National Level was able to share her project, the importance of developing an SAE and give an example of how students find success from these projects. We are proud of all of the work Megan and students just like her do in preparing themselves to enter the industry through the development of their Supervised Agricultural Experiences!



SAE IN ACTION



RESEARCH

As agriculture has become more scientific, there is a need to conduct research to discover new knowledge to meet the needs of a growing world. There are three major kinds of research SAE programs - experimental, analytical and invention.

EXPLORATORY

Appropriate for all agricultural students, these activities are designed primarily to help students become literate in agriculture and/or become aware of possible careers in the AFNR career cluster.

SCHOOL-BASED ENTERPRISE

A student-managed operation in a school setting that provides goods or services that meet the needs of an identified market, closely replicating a workplace environment. For example: School gardens/land labs, school-based research, equipment fabrication or a school store.

OWNERSHIP / ENTREPRENEURSHIP

A student plans, implements, operates and assumes financial risks in agricultural related activity or business. Ownership moves into true entrepreneurship when the business plan focuses on new product development, new production processes or additional market opportunities.

SERVICE LEARNING

For this individual or small group effort, students develop a needs assessment; plan goals, objectives and budget. Students implement the activity, promotion and evaluation / reflection of a timely, stand-alone project for a school, community organization, religious institution or non-profit organization.

PLACEMENT INTERNSHIP

A paid or non-paid placement / internship in agriculture, food or natural resources related businesses, on farms and ranches, in school laboratories, at community facilities, or in a verified non-profit organization, provides a "learning by doing" environment.

SAE

Agricultural Education & FFA: Creating an Agriculturally Literate Generation & Developing Agriculture Leaders of Tomorrow

The agricultural outreach programs housed at Cornell University fulfill a critical role to educate all youth about the production, processing, marketing, and distribution of food and fibers across New York State, as well as the career opportunities that abound in our state's growing agriculture industries. Citizens must be able to understand and communicate the source and value of agriculture and be empowered to make healthy food choices.

Agricultural Education- Growing Tomorrows Leaders

The average age of our New York farmers is 55 and on the rise. Seniors run more than 20,000 of the state's 36,000 farms; more people are leaving the profession than entering it. To sustain agriculture as an industry in New York, we need to attract more youth to careers in agriculture. This starts with making significant investments in whole-school agricultural education.

2018 FUNDING RESTORATION REQUEST: \$338,000 to equal the 2016-17 allocation.

New York FFA-\$112,000 (FY16-17 \$842,000)

New York Association of Ag. Educators-\$113,000 (FY16-17 \$416,000)

New York Agriculture in the Classroom-\$113,000 (FY 16-17 \$380,00)

Plans and Key Accomplishments

- Strengthen the state's agricultural sector through the preparation of skilled workers and increased agricultural literacy among the state's school-aged youth, over 145,000 youth reached annually.
- Agricultural education programs and services in public schools from Kindergarten through grade 12 in all 62 counties in New York State.
- Resources for secondary schools to start new or upgrade existing agricultural education and FFA programs. 86 Schools across NYS recieved funds in FY17 to grow programs.
- Teacher recruitment and professional development to address the critical shortage of certified agricultural educators.
- Teach youth about the importance of eating healthy, fresh foods by providing schools with indoor grow systems, curriculum, and professional development to extend the school gardening season.
- Agricultural Education and FFA leadership development supports the growing public demand for environmental protection and safe foods, increased reliance on agricultural technologies, and most importantly, supports a more highly trained agricultural workforce with 122 FFA chapters statewide and growing.

FOR MORE INFORMATION

www.nysffa.org

www.agclassroom.org/ny/



