



UNIVERSITY OF MISSOURI EXTENSION

Cape Girardeau County 2024

Annual Report

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MISSOURI.**

**DELIVER
MIZZOU.**



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University of Missouri

an equal opportunity/ADA institution



December 2024

Dear county commissioners, elected leaders and friends of MU Extension and Engagement,

As we reflect on the past year, I want to express my deep gratitude for your support of MU Extension and for your partnership in enhancing the lives of Missourians.

Your support for MU Extension fuels Missouri's agriculture, strengthens families, prepares our youth and promotes the health, well-being and vitality of our communities. Over the past year, our programs have focused on addressing key needs throughout the state:

- **Expanding access to 4-H:** To make 4-H more accessible, we've introduced more in-school and after-school clubs, reducing barriers and creating opportunities for young Missourians to develop essential skills and leadership abilities.
- **Supporting agriculture and land stewardship:** We're addressing critical issues such as succession planning for family farms, rural mental health, agricultural business management and land stewardship. These initiatives are helping Missouri's farmers plan for the future and preserve the health of our land for future generations.
- **Advancing health initiatives:** Our team of community health field specialists, covering every region of the state, works directly with local leaders to assess health needs and bring UM System resources and expertise to these communities, supporting healthier lives and stronger communities.
- **Promoting economic development:** MU Extension is helping to create economic opportunities by working with individuals, supporting businesses in their growth and collaborating with communities to enhance local vibrancy. Through these efforts, we help bring new jobs, skills and possibilities to Missourians across the state.
- **Providing essential training:** Our continuing education programs prepare Missouri's firefighters and health care workers to meet the demands of their roles with the latest skills and knowledge, ensuring they are well-prepared to serve our communities.

As you read through this annual report, I hope you feel as proud as I do of the accomplishments we've achieved together. The dedication and professionalism of MU Extension's faculty and staff are inspiring, and I am grateful to work alongside them—and each of you—as we make Missouri a stronger, healthier and more vibrant place. Thank you for your continued support and partnership. Together, we are serving Missouri by delivering the University *for* Missouri.

Warm regards,

Chad Higgins, PhD
Vice Chancellor, MU Extension and Engagement
Chief Engagement Officer, UM System

Who we are

Faculty and Staff

Donna Aufdenberg
Field Specialist in Horticulture

Anthony Ohmes
Field Specialist in Agronomy

Clayton Skelton
4-H Youth Development Educator

Amanda Sullivan
Nutrition Program Associate

Alexis Stumpe
Field Specialist in Livestock

Sally Ruesler
4-H Youth Program Associate

Gracen James
4-H Youth Program Associate

Mindy Leek
Administrative Assistant

Stephanie Schindler
Extension Engagement Specialist

Sarah Denkler
Regional Director

Bethany Bachmann
Field Specialist in Nutrition and Health

Sarah Higgins
Field Specialist in Natural Resources

Audrey Johnson
Field Specialist in Human Development

Council members

Sam Huenefeldt, Chair
Mark Rinehart, Vice-Chair
Nels Bergmark, City of Jackson Appointee, Secretary
Brad Burgess, Treasurer
James Newman, City of Cape Girardeau Appointee
Paul Koeper, County Commissioner Appointee
Debbie Deneke, Master Gardeners Liaison
Wendy L Aufdenberg, Farm Bureau Appointee
Mary Klaproth, FCE Ex-officio
Bonnie Coy-Svenson
Ralph Birk
Mark Lester
Ben Loenneke
David Wichern
Tom Nelson

The University of Missouri Extension Council of Cape Girardeau County would like to thank the Cape Girardeau County Commissioners for their continued support of the Extension program.

County commissioners

Clint Tracy, Presiding Commissioner
Paul Koeper, Associate Commissioner – 1st District
Charles Herbst, Associate Commissioner – 2nd District

Budget and more

Appropriations budget

Income

County Appropriations 100,000

Total Income 100,000

Expenses

Salaries/Benefits 90,346.07

Travel 5,337.92

Telephone 1,081.53

Office Supplies/Service 9,782.62

Professional Services 12,401.23

Utilities 5,072.78

Insurance 4,315.51

Maintenance and Repairs 1,595.06

Total

Expenses 129,932.72

Return on investment

University System 100,000

Donations 14,000

Program Revenue 4,087

For every dollar invested by the county, MU invests \$3.56.

MU Extension is a unique partnership.

Extension funding is a three-way partnership of federal, state and county government. Federal and state money, through the University of Missouri system, pay professional staff salaries, training costs, computers and communication equipment. County funds support the local office, secretarial and youth assistant salaries, staff mileage and council expenses.

Key Outcomes

- ❖ Statewide the Supplemental Nutrition Assistance Program Education (SNAP-Education or SNAP-Ed) brought \$11,145,237 in federal funds to Missouri.
- ❖ Cape Girardeau County 4-H volunteers completed 11,000 hours of volunteer service.
- ❖ Thirty-two private applicator trainings offered across the SE Region and one aerial commercial applicator training educated 287 private and commercial applicators.
- ❖ 27,935 indirect programming and engagement contacts were made through The Garden Spade Newsletter.
- ❖ Over 300 Cape Girardeau County citizens were reached through SMQA programming, farm visits, and producer calls.

Local Support

Did you know you can donate directly to Cape Girardeau County Extension with a gift to be used immediately or as an endowment contribution for long term efforts. Money put into the endowment are left forever to earn interest with the county office benefiting each year. You can also direct your donation to a specific program such as 4-H or Master Gardeners.

Cape Girardeau County

Missouri 4-H

Local Impact and Stories



4-H Foundation Scholarships

4-H Foundation scholarships were awarded to three Cape Girardeau County 4-H Youth to further their education at any college, university or trade school.

Dylan Aufdenberg B.W. Harrison 4-H Memorial Scholarship

Anna Ahrens Crawford 4-H Scholarship

Taylor Muench B.W. Harrison 4-H Memorial Scholarship



Youth Impact at a Glance

The Cape Girardeau County 4-H Youth Development program had 477 youth participants in 2024. Youth participated in Community 4-H Clubs, Clover Kid Groups, and single day camps.

Cape Girardeau County has 10 community clubs with 110 volunteers serving 248 youth. The community clubs offered in Cape Girardeau County are Arnsberg, Cape County Clover Kids, Daisy, Delta, Gordonville, Junior Leaders, Pocahontas, Progressive, Tilsit and the Young Americans 4-H Club. Projects range from arts and crafts to archery and shotgun projects.

Our 4-H Clubs offer long term experiences in which members learn life skills such as leadership, citizenship, responsibility, and teamwork under the guidance of trained 4-H volunteers.

SEMO District Fair

At the SEMO District Fair, 4-H Members showed over 700 projects they had been working on over the past year, an increase of over 100 projects from last year. The Cape Girardeau County Extension Office, in conjunction with the SEMO District Fair and swine barn fundraising committee, participated in raising funds for a new Swine Barn to be used during the SEMO District Fair. The fundraising committee raised over \$200,000 in less than 3 months. The Swine Barn housed 85 pigs at the fair for 4-H and FFA members. The Swine Barn will hopefully grow the swine entries for future fairs.

Meat ID Contest

Drew Essner
Kinsey Essner
Dylan Aufdenberg

Horse Judging

Bailey Aufdenberg
Hope Birk
Hannah Lichtennger
Kara Meier
Joanie Presser

Equine Tour

Waylon Mulholland
Delaynie Trankler

4-H Teen Conference

Lydia Leinbach

State 4-H Shooting Sports Contest

Zachary Graves- Archery
Kaden Sievers- Skeet

State Fashion Revue Contest

Kinsey Essner- Constructed Casual

Cape Girardeau County

Missouri 4-H

Local Impact and Stories



4-H Serving our Communities

Each year, Missouri 4-H collects details on the time dedicated to giving back to our communities. Cape Girardeau County volunteers completed 11,000 hours of volunteer service for an estimated \$500,000 worth of volunteer time. Our volunteers help support our 9 community clubs, 3 SPIN Clubs, and our summer camp. Our Junior Leaders club hosted an annual Supernova dance that served special needs youth in Cape Girardeau County. Daisy 4-H Club received a grant to pay for restoration to the Daisy Coon Hunters Club Building. Delta 4-H and Tilsit 4-H youth presented their livestock projects to elementary special education classes.

Cape Girardeau County Regional Shoot

Cape Girardeau County hosted a regional shooting sports contest in June. This contest allowed 4-H Youth around the region to show off their marksmanship and archery skills. The event had over 50 participants competing in 11 different shooting sports disciplines. Cape Girardeau County youth racked up a number of awards.



Junior Leaders' Summer Camp

The Junior Leaders of Cape Girardeau County held their first summer camp in over 5 years. This camp gave kids the opportunity to learn about line dancing and how to throw axes. Youth played games and learned about leadership skills. By stepping outside their comfort zones, they become more resilient, independent, and better able to achieve long-term goals. 4-H Camp also gave an opportunity for our older youth to find their own leadership style through experiences they gained as camp counselors while at camp.

Summer Enrichment Grant

Our six county region received over \$80,000 in summer enrichment grants to support programs such as Kids in the Kitchen, Youth Gardening, Sensory Gardening, Clover Kid Camps, Emergency Preparedness Camp, 4-H Day at The Lake and overnight camps. Our 4-H program developed partnerships with organizations such as libraries, conservation groups, homeschool groups, public and private schools, and civic organizations that will serve us as we expand our 4-H program in 2025. Over 200 Cape Girardeau County youth participated in these summer programs.

Surveys said-

"I'm going to make sure my whole club comes to camp next year!"

"Do we have to leave now? I want to make another smoothie!"

"How do I join a 4-H Club now?"

"Thank you for teaching my daughter about an elevator speech. She is so shy and has a hard time expressing herself to others"

Cape Girardeau County

Agriculture and Environment

Local Impact

Anthony Ohmes, Field Specialist in Agronomy

Forage Systems

Diversifying forage systems for greater resilience of the forage supply by implementing the use of warm and cool season forages, perennial and annual grasses, legumes, and forbs to meet the needs of Missouri's diverse livestock segment.

Grazing School teaches Management-intensive Grazing (MiG) methods that improve forage persistence and quality, increasing the number of days of grazing forages in pastures, reducing dependency on hay, while conserving Missouri's natural resources. Twenty-two attended from Southeast and East Central Regions resulting in 95% planned adoption.

Extending the Grazing Season event addressed need of alternative forage crops, sunn hemp for summer and milo for winter grazing. One-on-one direct consultation on forage species, soils tests, nutrients, weeds and insects was provided to 148 individuals across the region.



Picture: 2024 Grazing School

Extending the Grazing Season quote, "Been wanting to plant milo for some time but was not 100% of how it all worked. Feel more comfortable about planting milo now [for winter forage]."

Pesticide Applicator Training

Integrating pest management methods, protecting the environment, and reducing exposure risk while meeting federal and state requirements for restricted use pesticides. Thirty-two private applicator trainings offered across the SE Region and one aerial commercial applicator training educated 287 private and commercial applicators.



Picture: One of 32 2024 PPAT events offered.

Missouri Agriculture contributes \$93.7 billion annually to Missouri's economy.*

*Missouri Department of Agriculture 2024 Status Report

Field Crops and Soils

Increasing Missouri field crop production through education on integrated pest, nutrient, crop, and soil management accomplished through events, soil testing, and one-on-one consultations. Four regional meetings reached 214 individuals.

Invited to educate 83 producers on corn ear disease. Individual one-on-one consultation on field crop management reached 141 producers across the region. Soil management including soil tests reached 378 individuals in Cape Girardeau County.



Picture: 2024 Rice Meeting. One of 3 commodity meetings offered in SE Missouri.

Cape Girardeau County

Horticulture Programming

Local Impact and Stories

Donna Aufdenberg, Field Specialist in Horticulture

Donna Aufdenberg, Field Specialist in Horticulture

In 2024, there were 2,072 direct contacts through gardening programs where participants (locally and across the state) engaged in learning through in-person and online programs. Participants learned about vegetable gardening, plant propagation, growing and using culinary herbs, growing specialty crops hydroponically, container gardening, victory gardens, gardening pests and many more topics.



Master Gardeners (47 members from Cape Girardeau, Bollinger, Scott and Perry Counties) completed 2,552 hours valued at \$75,000 given to local communities through beautification, education, and service to others.

In July 2024, youth participated in a three-day camp coordinated by Aufdenberg and Master Gardeners which focused on the senses: smell, taste, see, feel, and hear. Planting, eating, and crafting allowed youth to explore gardening.



MU + SEMO =Hydroponics! Ten students learned to assemble six different units, manage pH and EC, and learned to grow lettuce, cucumbers, and tomatoes. Classes were taught by Aufdenberg.



In addition to providing programming locally for 18 counties in 2024, Aufdenberg participated in state-wide programming through the weekly Garden Hour Webinars, Spring Gardening Webinar, Pest Management Webinar, State-wide Hydroponic Grant, Master Gardener Training, and many more.

Horticulture

/ 'hôrdə ,kəlCHər/

Noun 1. the art or practice of garden cultivation and management

1,500+
Participants
in 60+
Programs

1,000+
One-on-One
Education
➤ Calls and
Emails
➤ Walk-ins

Top Gardening Requests

Vegetable Gardening • Growing Berries • Planting Fruit Trees • Composting • Soil Testing • Raised Bed Garden • Hydroponics • Planting Shrubs

A monthly Garden Spade Newsletter reaches over 2,300 subscribers every month with a 20% increase in readership during 2024. Subscribe to the garden spade at <https://extension.missouri.edu/counties/cape-girardeau> or click the QR code at the right.



Cape Girardeau County

Agriculture and Environment

Local Impact and Stories

Alexis Stumpe, Field Specialist in Livestock

Show-Me-Select Heifer Replacement Program sold 1,353 heifers in 2024 including operations in Cape Girardeau County. Sales held in Southeast Missouri totaled \$279,100 for fall calving heifers and \$191,800 for spring calving heifers.

Producers implement total quality management to on farm heifer development and improve their herd management, reproduction, and genetics with retained ownership or market heifers for added income. Buyers improve their herds and experience lower incidence of dystocia and calf or heifer losses.



Over 300 Cape Girardeau County citizens were reached through SMQA programming, farm visits, and producer calls. Covering topics including but not limited to nutrition, reproduction, diseases, heifer quality, herd health, rabbit butchering, small ruminant herds, and youth education on various livestock topics. Producers can take this knowledge and use it to improve and grow their own operations.

Local Impact and Stories

Heather Conrow, Field Specialist in Livestock

Using Ultrasound to Evaluate Carcass Traits

Objective: "To provide objective and quantitative carcass data through ultrasound on livestock for the purpose of genetic improvement for carcass traits."

Real-time ultrasound uses high frequency sound waves to "see inside" while the animal is still alive. This technology allows for a fast and objective prediction of the carcass composition of the market animal.

Carcass traits are moderately heritable and are a good indicator of lean and fat in live animals. Ultrasound allows county fairs to have a carcass class without having to harvest the animals.

Benefits of using real-time ultrasound includes:

- Objective prediction of carcass lean (muscle) and fat in live animals
- Objective measure of percent intramuscular fat (marbling) on live cattle
- Eliminates the expense and time required by progeny testing for carcass merit



"Think of the animal as a Christmas present. The fancy wrapping and pretty bows is the 'show' or how good they look. The real present is the meat we eat inside. Ultrasound allows us to see inside at the gift without unwrapping the present."

Cape Girardeau County

Agriculture and Environment

Local Impact and Stories

Heather Conrow, Specialist in Livestock

Pixels & Pearls of Production

Objective: "To provide a leadership and hands-on training opportunity for women in Missouri involved in livestock production."

Women in agriculture have long played a pivotal role, particularly in the management and care of livestock. Their contributions are often undervalued, yet their expertise and knowledge are indispensable to the sustainability and productivity of agricultural systems worldwide.

Women in agriculture not only tend to the daily needs of livestock, ensuring their health and well-being, but also bring innovation and resilience to farming practices. Their involvement is crucial in advancing food security, enhancing biodiversity, and fostering sustainable development.

By empowering women through access to resources, education, and equal opportunities, we can bolster the agricultural sector, leading to a more equitable and prosperous future for all.



Program Outcomes & Impacts

Participants increased their knowledge on the following topics with the percent increase following:

- ❖ Beef genetics on the farm: **107%**
- ❖ Backyard laying hen management: **55%**
- ❖ Forages and pasture management: **73%**
- ❖ Farm headaches: **52%**





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through credible statewide programs

Business and Community

Estate Planning: What's the Worst That Can Happen???

Jennifer R. Williams, JD
University of Missouri Extension

 Extension
University of Missouri

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This class uses the fictional family pictured above to demonstrate the consequences of not having an estate plan.

Jennifer R. Williams taught an estate planning class in Cape Girardeau County to **4 adults**, educating them on the importance of completing an estate plan.

“I was unaware of beneficiary deeds in Missouri and will certainly execute such when I update other documents.”

“‘What’s the worst thing that could happen’ is way worse than I ever imagined!”



Economic
Opportunity

Cape Girardeau County

Health and Human Sciences

Local Impact and Stories

Amanda Sullivan, Nutrition Program Associate

SNAP Education

The Supplemental Nutrition Assistance Program Education (SNAP-Education or SNAP-Ed) brought \$11,145,237 in federal funds to Missouri. The funds support engagement with 74,864 Supplemental Nutrition Assistance Program (SNAP) recipients and eligible citizens of Missouri who learned about being active and healthy eating on a budget. This year we had 1,164,143 indirect educational contacts through newsletters, health fairs, food pantries, and the Show Me Nutrition helpline.

One-thousand eight hundred and seventy direct and thirty-six thousand eight hundred and thirty-four indirect contacts were made in Cape Girardeau County .

Participants in SNAP-Ed learn the importance of making healthier meals and snack choices, eating breakfast more often, are more willing to try new foods, increase their physical activity, and make healthier food choices. Those who practice healthy eating and are physically active are more likely to contribute to a healthy labor force and enjoy a high quality of life throughout the lifespan.

This vital programming effort also reduces healthcare costs over the participant's lifetime, saving taxpayer money in reduced public healthcare benefits and insurance premiums.

Success Story

At the beginning of the year SNAP- ED and 4-H partner to collect no salt added and no sugar added canned items for pantries and local schools in Cape Girardeau County, to promote healthier choices. Mr. Wortman Principal of Nell Holcomb Elementary said he is so grateful for this partnership and many families appreciate the healthier options.



NPA with kindergarten students who harvested radishes at Nell Holcomb Elementary



Cape Girardeau County

Health and Human Sciences

Local Impact and Stories

Bethany Bachmann, Nutrition and Health

In 2024, six residents of Cape Girardeau County learned how to safely preserve sweet spreads during a Home Food Preservation Workshop on water bath and steam canning. Participants increased their confidence in knowledge of safe home food preservation practices, their ability to follow safe home food preservation practices, where to go for research-based recipes, and their ability to share safe food preservation methods with friends, family and online. Participants also learned about various types of pectin used for sweet spreads, the appropriate type of acid to use, and how to safely operate a steam canner and water bath canner.



27,935 indirect programming and engagement contacts were made through The Garden Spade Newsletter. Monthly in-season produce highlights included nutritional information, best practices for selecting, storing, and preparing, and an easy to prepare recipe.



"Reliable, Responsive, and Relevant Information for the Missouri Gardener"

October 2024

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Subscribe Now!
Receive a monthly email link to "The Garden Spade".
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Joro Spiders Are Nothing to Worry About - Yet

Linda Gelst

MU Extension Communication Associate
gelstl@missouri.edu, 573-406-4933



COLUMBIA, Mo. – Flying monkeys, creepy crawlies and monsters under the bed need to make way for the Joro spider.

But Missouri arachnophobes can rest easy for a bit, says University of Missouri Extension urban entomologist Emily Althoff. Introduced to the United States a decade ago, the Joro spider is a slow traveler.

To date, the closest sighting of this colorful orb weaver was in central Tennessee. You can follow its travels



Pears

Description

Pears are in season in Missouri from July to late November. Most grocery stores will carry pear varieties from July to March depending on availability. Pears contain a significant amount of fiber, vitamin C, and potassium. Vitamin C is an antioxidant that may play a key role in helping reduce the risk of heart disease and certain cancers. Vitamin C also aids in the body's healing process. Potassium helps maintain good blood pressure levels in the body and aids in maintaining proper nerve, muscle, and heart function.

Selecting

When selecting pears, choose those that have a slight give when gently squeezed and a fragrant aroma. Avoid those with blemishes and bruises for best quality. If selecting pears for baking, choose pears that are more firm to the touch.

Storing

Storing pears at room temperature will quicken the ripening process. For long-term storage, pears can be held in the refrigerator for up to three months.

Preparing

Wash pears under cold, running water and gently scrub off any dirt before peeling or cutting pears. Pears can be eaten raw or used in a variety of baked goods.

Recipe of the Month

Maple and Cinnamon Baked Pears

Ingredients:

2 medium pears	2 Tablespoons unsalted butter, cut into cubes
1/2 lemon, juiced	1/2 cup chopped pecans
1/2 cup pure maple syrup	
1/2 teaspoon ground cinnamon	

Directions:

1. Preheat oven to 375° F.
2. Wash and cut the pears in half. Remove the cores.
3. Place the pears cut side up in a greased baking dish.
4. In small bowl, combine lemon juice, maple syrup and cinnamon. Brushed evenly over pears. Top with butter.
5. Bake for 15 minutes. Remove the pan from the oven and sprinkle with pecans. Return the pan to the oven for an additional 10 minutes or until tender.



Bethany Bachmann, MU Extension
MU Extension Nutrition and Health Specialist
573-547-4504, bachmann@missouri.edu

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County Highlights

Cape Girardeau County State Fair Farm Family – The Bollinger Family -2024

Matt and Erika Bollinger and family were among those honored during the 66th annual Missouri Farm Family Day, Aug. 14 at the Missouri State Fair. The Bollinger family was selected as the Missouri County Farm Family by University of Missouri Extension and the local Farm Bureau. Each year, the fair sets aside a day to recognize farm families from across the state that are active in their communities, involved in agriculture, and/or participate in local outreach and extension programs such as 4-H or FFA.



Cape Girardeau County Leaders Honor Roll

The Leaders Honor Roll recognizes outstanding leaders and volunteers who have supported and helped to advance MU Extension in their communities. Congratulations to **Susan Ahrens**, recognized during the annual dinner.

Missouri Century Farm honored in 2024

Five Missouri County farms have been recognized as a Missouri Century Farm in 2024.

- Koeberl Family Farm
- Peetz Family Farm
- Dennis and Liz Aufdenberg Family Farm
- McDowell Family Farms
- Jerry and Darlene Petzoldt and Sons Family Farm

Families were presented their certificates during the Annual Dinner. In 1976, Missouri's Centennial Farm project awarded certificates to persons owning farms that had been in the same family for 100 years or more. The MU College of Agriculture, Food and Natural Resources and MU Extension planned a 10-year update in 1986 called the Century Farm program. Since then, the program has been an annual event, recognizing more than 100 farms each year.



Cape Girardeau County



University of Missouri System

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UM System Footprint in the county in 2024



FY24 county students

323 students

- 247 Undergraduates
- 76 Graduate and professional students
- 276 Full-time students
- 47 Part-time students
- 45 Pell grant recipients (aid year 2024)



County employees and retirees

49 people employed by UM

- 37 Campuses
- 9 MU Health Care (includes additional employees gained via the recent integration of Capital Region Medical Center)
- 3 UM System

21 UM retirees and beneficiaries

UM salary and retirement income: \$2.1 million

UM state tax revenue: \$53,641

UM federal tax revenue: \$271,210



County alumni

Selected school alumni

- 104 Medicine
- 105 Nursing
- 181 Health Professions
- 40 Dentistry
- 26 Pharmacy
- 15 Optometry
- 31 Veterinary Medicine
- 211 Agriculture
- 358 Engineering
- 104 Law

Alumni teaching K-12

- 33 teachers
- 3.9% of all district teachers
- 4 principals and administrators
- 8.7% of all district principals and administrators



County breakdown

MU

- 218 students
- 1,351 alumni
- 32 employees

UMKC

- 28 students
- 153 alumni
- 4 employees

Missouri S&T

- 59 students
- 303 alumni
- 1 employee

UMSL

- 18 students
- 203 alumni
- 0 employees



County population: 82,180



County services provided

Health care (FY24)

- 151 in-state patients seen at MU Health Care, with \$30,300 of uncompensated care
- 5 in-state patients seen at UMSL Center for Eye Care with a statewide average of \$32.18 per patient in uncompensated care
- 15 in-state patients seen at UMKC School of Dentistry with a statewide average of \$52.57 per patient in uncompensated care
- MU Health Care's Missouri Telehealth Network recorded 87 visits to 42 patients having ZIP codes associated with the county

Extension (2023)

- 13,998 Total educational contacts from MU Extension to residents of the county, including:
 - 3,559 contacts related to productive farming, better gardening, and managing natural resources
 - 9,423 contacts related to healthy eating and aging, strengthening families, personal finance, or youth development
 - 698 contacts related to starting businesses, developing community leaders, or renewing the local economy



Construction projects

- \$239,400 remitted to 1 county vendor, for 1 project



County properties and offices

MU Extension in: Cape Girardeau County



UM System Statewide Footprint

Economic and Community Development Highlights

- In FY23, Business Development Specialists worked with small businesses and entrepreneurs statewide to create or retain 98,527 jobs.

\$3.1
billion

For every dollar invested from 2019 to 2021, the MU Extension Business Development Program has returned \$133 in economic impact for its clients by increasing sales more than \$1.6 billion. For a total impact of \$3.1 billion, the program has generated more than 37,000 jobs and attracted nearly \$451 million in capital investments and \$1.5 billion in government contracts.

- Between FY18 and FY23, UM System brought Missouri more than \$1.58 billion in federal and private research funds, funded primarily from outside the state, but spent within the state.



In FY24, UM System was issued 29 patents and filed 69 new U.S. patent applications.

- In FY24, the UM System awarded 707 design and construction project contracts throughout Missouri, for a total investment of \$287.3 million in the state.



In FY24, to improve access to medical and health related services, MU Health Care's Missouri Telehealth Network's Show-Me ECHO program provided 16,687 hrs of case-based instruction to 3,113 learners located in 105 of 114 Missouri counties and the city of St. Louis.

Education and Training Provided



40,542 police, fire fighters, and medical professionals attending continuing education (2023)



Agriculture and natural resource programs served 369,077 farmers and related businesses (2023)

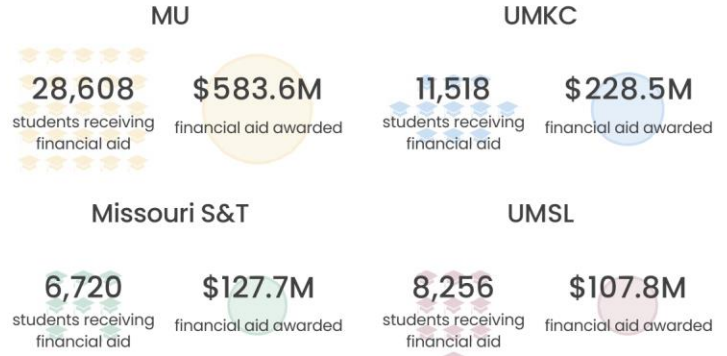


210,577 youth and stakeholder educational contacts in 4-H clubs, schools, camps and other programs (2023)

Education Highlights

FY24 Financial Aid Awards

In FY24, 69.7% of the UM System's 79,014 students received financial aid totaling \$1.048 billion



UM System's MOREnet (Missouri Research and Education Network) provides internet connectivity, access, support and training to 58 higher education institutions (230,000 students), 484 K-12 school districts (830,000 students) and 134 public libraries (serving nearly 3 million Missourians) in 2023.

- UM System awarded 50.5% of the 31,689 Bachelor's or higher degrees awarded by Missouri four-year public institutions in 2023-24.
- UM System awarded 35.0% of the 1,776 research doctorates and 26.8% of the 3,796 professional doctorates awarded by Missouri public and not-for-profit private institutions in 2023-24.
- In FY24, UM System's \$30.7 million in National Science Foundation (NSF) grants represented 96.9% of all NSF grants made to Missouri public colleges and universities.
- In 2024, over 12,400 Missourians accessed mobroadband.org, part of the UM System Broadband Initiative which helped the statewide build-out of high-speed internet infrastructure.

Supporting the University of Missouri is an investment in the future of Missouri.

The university advances Missouri citizens and communities through its mission of teaching, research, public service, and economic development across our four campuses and University of Missouri Extension.

Prepared in December 2024, based on the best available and most recent data. Data Sources include: Missouri Office of Administration • UM IR • MU Institute for Public Policy • Center for Applied Research and Engagement Systems (CARES) • MU • UMKC • Missouri S&T • UMSL • UM System • UM Health Care • MU Extension • US Census Bureau • US Dept. of Health and Human Services • National Science Foundation

