

Missouri advantages for the animal health industry



MISSOURI
PARTNERSHIP

Five reasons to locate an animal health company in Missouri:

1. Thriving industry: Missouri has the right business environment for animal health companies.

Missouri is positioned in the middle of the Animal Health Corridor, and over half of the \$88 billion global animal health industry is represented in the Kansas City area. [Go to page 3.](#)

2. Abundant resources: Companies are supported by research centers and incubator facilities—and an abundance of funding sources—to bring their discoveries from the laboratory to the market.

In 2014, the number of venture capital deals reached a 14-year high in Missouri, according to the MoneyTree report put out by PricewaterhouseCoopers. [Go to page 8.](#)

3. Quality workforce: Missouri has the talent to sustain animal health companies.

Missouri's bioscience industry in Missouri is comprised of nearly 3,500 companies employing nearly 50,000 Missourians (*U.S. Bureau of Labor Statistics, 2014*). [Go to page 14.](#)

4. World-class education: Missouri's top-ranked educational institutions draw unparalleled talent.

40 Missouri colleges and universities offer bachelor's degrees or higher in biological or biomedical sciences, including the University of Missouri, which is one of only a few universities in the U.S. with schools of medicine, agriculture and veterinary medicine on one campus. [Go to page 15.](#)

5. Solid infrastructure: Missouri's top-ranked transportation network is a dependable delivery system for goods and services.

With its centralized Midwest location, Missouri lies at the heart of a vast transportation network with direct connections to domestic and foreign markets. [Go to page 16.](#)



Missouri has long been recognized for having the right business environment for animal health companies.

More than half of the \$88 billion global animal health industry is represented in the Kansas City area.

The St. Louis area's pet food companies generate more than \$9 billion in revenue, and two of the industry's biggest players—Mars Inc., which owns Royal Canin USA, and Nestlé-Purina—have a strong presence there.

Missouri is home to national headquarters for leading agricultural associations, including the American Angus Association and the U.S. Animal Health Association, that have a vested interest in bioscience research for improved product yield.

Recent animal health projects in Missouri

2015

[Ceva Animal Health, Inc.](#) (Kansas City and St. Louis) announced plans to open a new 72,000 square foot distribution center in Kansas City. The company sells veterinary pharmaceutical products for companion and production animals, marketing its products in the United States, Canada, and internationally. In 2007, Missouri-based Butler Sales Associates was acquired by Ceva Sante Animale S.A.



[Spectrum Brands Holdings Inc.](#) (St. Louis) recently announced plans to invest more than \$1 million and create 45 new jobs as it makes St. Louis the home of its newly created Pet, Home & Garden division, which makes a host of pet foods and product brands, including FURminator, Dingo and Nature's Miracle.



2014

[Jurox Pty Ltd.](#) (Kansas City), an Australian veterinary pharmaceutical company, announced plans to expand to North America and make Kansas City home to its U.S. headquarters. The company's expansion to Missouri will include a \$741,000 capital investment and is expected to create 13 jobs.



[Protein LLC](#) (St. Joseph), which supplies ingredients to pet food companies, is investing \$11.6 million to build a new plant in St. Joseph, adding 20 full-time jobs. Protein LLC is a subsidiary of BHJ USA Inc., a Nebraska-based company that supplies value-added fresh or frozen raw materials to the pet food, pharmaceutical and fur industries in North America and Europe.



SCD Probiotics (HQ Kansas City) produces probiotics for pet products, nutritional supplements, cleaning supplies and lawn and garden products. In 2014, the company announced plans to make a capital investment of \$3.4 million and add 40 jobs.



2013

Kemin Industries (Verona) plans to expand its production facility, making a \$14 million capital investment that is expected to create 24 jobs. The facility manufactures meat protein used in palatants for premium and super premium pet foods.



Other major animal health companies

Animal feed

AFB International (HQ St. Charles) produces and markets pet food products, including biscuits, treats and snacks.



Ameri-Pac, Inc. (HQ St. Joseph) is a manufacturer of animal health and nutrition specialty products for the pet food, companion animal, farm animal, and aquaculture industries. The company consists of two separate facilities in Saint Joseph, Missouri.



Animal Health Specialties (Columbia) is a technology platform company that is commercializing an anti-cachexia drug for companion animals and antimicrobial peptides that also stimulate weight gain in production animals.

BioZyme (HQ St. Joseph) produces nutrition products for the global animal supplement industry. The company's corporate headquarters and Vita Ferm manufacturing plant are both located in St. Joseph, where the company originated in 1945.



Blue Buffalo (Joplin), one of the country's largest independent pet-food companies, celebrated the opening of its new Heartland Pet Food Manufacturing facility and distribution center in 2014, which created 150 local jobs.



Boehringer Ingelheim Vetmedica Inc. (St. Joseph), which manufactures and markets an extensive line of high quality biological and pharmaceutical products for cattle, swine, horses, and pets, recently completed the expansion of two facilities in St. Joseph, which together created over 100 jobs.



Ecto Development Corp (HQ Kansas City) is a chemical and pesticide company supporting the pharmaceutical and animal health industries.



Manna Pro (HQ St. Louis) manufactures and distributes animal feeds for various species of livestock, poultry and pets. The company also provides nutritional feed supplements and healthcare products for performance horses, cattle, rabbits, goats, poultry and swine.



Mars Petcare U.S. (Kansas City), one of the fastest growing pet food manufacturers in the United States, manufactures under the Pedigree, Whiskas and Sheba brands. In 2009, Mars Petcare relocated its R&D operation to Kansas City.



Nature's Variety (HQ St. Louis) is a natural pet food manufacturer based in St. Louis. The company makes the Instinct and Prairie brands.



Nestlé-Purina PetCare Company (HQ St. Louis) became the pet food division of Swiss-based Nestlé after a 2001 merger between the Nestlé's Friskies PetCare Company and the American Ralston Purina Company. Nestlé-Purina Petcare's brands include Alpo, Beneful, Fancy Feast, and Beggin' Strips. The company also has a Global R&D facility in St. Joseph. In 2012, the company invested \$15 million in the construction of a new training facility at its headquarters.



Purina Mills (HQ St. Louis) develops, manufactures and distributes animal nutrition products and feeds for producers and pet owners. It offers feed for horses, rabbits, goats, poultry, cattle and outdoor/wildlife animals.



Royal Canin (HQ St. Charles) produces health nutrition products for dogs and cats, as well as dry cat and dog food. The company also has a plant in Rolla, Mo.



Veterinary pharmaceutical products

Addison Biological Laboratory (HQ Fayette) is a manufacturer and marketer of veterinary technologies. For over a third of a century, J. Bruce Addison, president and founder, has been recognized as a leader in veterinary diagnostics and herd specific bacterin production.



AgriLabs (HQ St. Joseph) is a leading animal health, sales and marketing organization with distribution throughout the United States. Through technology transfer and cooperative development agreements, AgriLabs has introduced state-of-the-art products for beef, dairy and companion animal industries.



Creative Science (HQ St. Louis) identifies, develops and invests in products for companion and production animals where there are few medical alternatives. The company currently provides products to over 12,000 veterinary hospitals through its distributor network in the United States. Recently the company invested in an animal health startup called Provetis, which aims to create generic pet drugs in three segments (pain relief, parasiticide and antibiotics).



Clipper Distributing (HQ St. Joseph) distributes animal health products to veterinarians and animal owners in the United States, offering products for pets and large animals.



[Equinosis](#) (Columbia) developed the Lameness Locator®, a system that enables a veterinarian to objectively identify lameness in horses. The Locator is the culmination of almost 20 years of research on gait analysis at the University of Missouri's Colleges of Veterinary Medicine and Engineering.



[Novus International](#) (HQ St. Louis) is a leading developer of animal health and nutrition programs for the poultry, pork, beef, dairy, aquaculture and companion animal industries. Novus recently expanded into their new LEED Platinum headquarters in St. Louis, Missouri.



[Sinclair Research Center](#) (HQ Columbia) is a biomedical research facility offering a full range of preclinical research services to the animal and human health industries.



[Synbiotics Corporation](#) (HQ Kansas City) is a leading developer, manufacturer and marketer of veterinary diagnostics and services for veterinary practices, reference laboratories and animal breeders world-wide.



[Vedco, Inc.](#) (HQ St. Joseph) distributes veterinary medical supplies and equipment for veterinary clinicians.



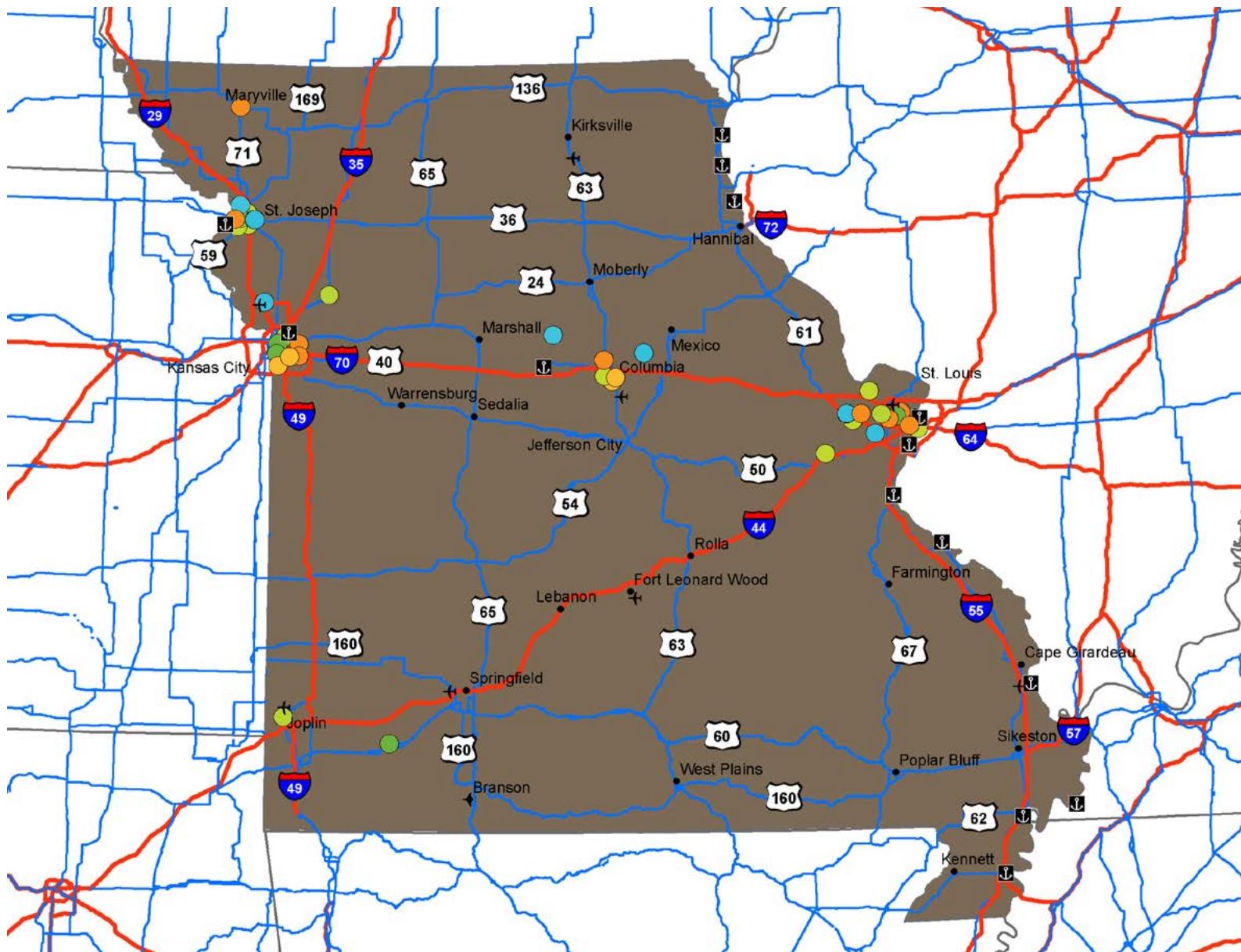
"Kansas City is the obvious best location to launch Jurox's U.S. operations. Missouri offers a broad portfolio of animal health companies, a first-rate talent pool, and a superior transportation network that connects us to clientele around the country and globe. Kansas City's reputation and resources in animal sciences provides advantages you can't find elsewhere."

John O'Brien, Managing Director, Jurox



Missouri's major animal health companies and research facilities

- Recent projects
- Animal feed companies
- Veterinary medicine companies
- Research parks and incubators
- Research centers
- Port authority
- ← Major airport



Companies are supported by research centers and incubator facilities—and an abundance of funding sources—to bring their discoveries from the laboratory to the market.



Life Science Business Incubator at Monsanto Place in Columbia

Research parks and incubators

The [Bio-Research and Development Growth \(BRDG\) Park](#) (St. Louis) is adjacent to the Donald Danforth Plant Science Center and houses a variety of bioscience tenants, including Nidus Investment Partners and PharmaConl.

The [Center for Emerging Technologies](#) (St. Louis) develops startup companies in biotechnology, biomedical engineering, advanced materials, and electronics. Stereotaxis became the first of the center's companies to complete a public offering. In 2014, the Cambridge Innovation Center took over management of the Center for Emerging Technologies, creating their first location outside of Boston with plans to add 87,000 square-feet.

The [Dean L. Hubbard Center for Innovation and Entrepreneurship](#) at Northwest Missouri State University (Maryville) is a service-oriented business incubator connecting industry and academics. The center offers state-of-the-art research facilities, a commercial analytical lab and tailored support for business acceleration.

The [Cortex Innovation Community](#) (St. Louis) is a cutting edge biotech district located near Washington University in St. Louis, Saint Louis University and Barnes-Jewish Hospital. Institutions within the district receive more than \$500 million in NIH funding annually.

The [Christopher S. "Kit" Bond Science and Technology Incubator/Innovation Stockyard](#) (St. Joseph) is home to the Institute for Industrial and Applied Life Sciences, which offers training and wet lab space. The 25,000 square ft. incubator is operated in conjunction with Missouri Western University. Tenants include Boehringer Ingelheim Vetmedica, Method Genetics, and the United States Animal Health Association.

The [Helix Center Biotech Incubator](#) (St. Louis) is a new small business incubator providing start-ups in plant and life sciences affordable office and laboratory space, access to expertise, and facilities near the Donald Danforth Plant Science Center and Bio-Research and Development Growth (BRDG) Park. Current tenants include iNOVOTEC Animal Care.



The [Independence Regional Innovation Center](#) (Independence) provides a turnkey facility for wet and dry lab and general office space.

University of Missouri

The [Discovery Ridge Park](#) (Columbia) leverages the University of Missouri's resources in agriculture, health, veterinary medicine, bioengineering, nutrition, biology and environmental services.

The [Life Science Business Incubator at Monsanto Place](#) (Columbia) is home to nearly 20 companies in biomedicine, animal health, food, agriculture, energy and information technology. Animal health companies at the incubator include Equinosis and Animal Health Specialties.

The [Missouri Research Park](#) (St. Louis) is a 200-acre high-tech research facility, with 15 tenant companies employing more than 2,000 people. Current tenants include AFB International and the Novus International Research Center.

The [Innovative Technology Enterprises \(ITE\)](#) (St. Louis) helps convert innovative ideas into thriving businesses in the information technology and life science sectors. ITE offers state-of-the-art infrastructure, in-house mentoring, business development and access to the University faculty and students. In keeping with the University's mission, ITE innovations support economic development.

The [UMKC Innovation Center](#) (Kansas City) partners with the university and the community to spark entrepreneurial efforts within the region and across the country. Specializing in technology commercialization, the UMKC Innovation Center delivers just-in-time education, counseling and access to resources to aspiring and existing business owners.

Animal health research centers

The [IDEXX Bioresearch](#) (Columbia), located on the campus of the University of Missouri, is one of the two largest research animal diagnostic laboratories in the U.S. and the largest at an academic institution.

The [MRIGlobal](#) (Kansas City), known formerly as the Midwest Research Institute, has earned international recognition for its health research services supporting the pharmaceutical, biotechnology, veterinary and agrochemical industries.

University of Missouri

The [Christopher S. Bond Life Sciences Center](#) (Columbia) is a state-of-the-art center promoting interdisciplinary research in food production, environmental quality and advances in human and animal health.

The [Metagenomics Center](#) (Columbia) offers a full range of services associated with the characterization of complex microbial communities such as those present in feces, respiratory fluids, and other biological samples, including DNA extraction and purification, next-generation sequencing of bacterial and fungal communities, informatics analysis, and storage of biological samples and sequence data. Through its close affiliation with the MU MMRRC and RRRC, the MUMC serves the biomedical community as a resource in characterizing the role of the gut microbiota in animal models of disease.

The [Mutant Mouse Regional Resource Center](#) (Columbia) accepts and distributes high quality, well-characterized mutant mice. The MMRRC also performs critical research that has broad impact on biomedical research through refinement and optimization of mouse models of disease. Research projects include characterization of intestinal microbiota and its contribution to model phenotypes, and development and improvement of economical methods for cryopreservation of mouse strains.



The [National Swine Resources and Research Center](#) (Columbia) was established in 2003 to develop the infrastructure to ensure that biomedical investigators across a variety of disciplines have access to critically needed swine models of human health and disease. The NSRRC will also serve as a central resource for reagents, creation of new genetically modified swine, and information and training related to use of swine models in biomedical research. The first genetically modified pigs produced by somatic cell nuclear transfer and the first pigs with a gene disrupted were produced at the University of Missouri. In combination with expertise on early embryo development the NSRRC is internationally recognized.

The [Rat Resource and Research Center \(RRRC\)](#) (Columbia) is the only centralized repository for genetically modified rats in the United States, supplying biomedical researchers with rat models, embryonic stem cells, related reagents, protocols and specialized services. The RRRC imports, stores and distributes a large number of rat strains, maintaining rigorous genetic quality control and health monitoring to promote experimental reproducibility.



Access to capital

In 2014, the number of venture capital deals reached a 14-year high in Missouri according to the MoneyTree report, put out by PricewaterhouseCoopers.

Missouri venture capital funds and resources

[Advantage Capital Partners](#) (St. Louis) provides equity and debt capital, along with value-added counsel, to businesses with a potential for excellent returns and significant community impact.

[Arch Grants](#) (St. Louis) offers startups funding in the form of grants and supports the startups as they remain or transition to downtown St. Louis.

[BioGenerator](#) (St. Louis) is a privately funded, not-for-profit organization that works with researchers, inventors, and entrepreneurs to build successful, sustainable life science companies. The BioGenerator provides assistance—including pre-seed and seed investments, access to no-cost shared labs and equipment, and management support—at the very earliest stages of new company formation.

[BioSTL](#) is a collective effort to increase economic activity in the medical and plant sciences throughout the St. Louis area. Evolved from the Coalition for Plant and Life Sciences, BioSTL was granted a five-year, \$30 million commitment in 2011 for the purpose of creating bioscience companies and driving economic growth. Funds from Washington University in St. Louis, BJC HealthCare, and the St. Louis Life Sciences Project will increase the region's capacity to support entrepreneurs and launch BioSTL itself. A majority of new funds will be dedicated to pre-seed and seed investments and associated support for newly created enterprises.

[Bush O'Donnell Capital Partners](#) (St. Louis) invests in companies that have recurring annual revenues of \$5 million or more.

[Capital for Business, Inc. \(CFB\)](#) (St. Louis) targets leading companies in attractive niche markets that share the following characteristics: significant and defensible market positions, differentiated products and services, scalable business platforms and consistent financial performance. CFB targets investments arising from management buyouts, leveraged buyouts, recapitalizations, corporate divestitures, growth financings and going-private transactions.

[CC Capital Advisors](#) (Kansas City) is an independent investment banking firm providing services to middle-market companies, both public and private. Services include consultation of mergers and acquisitions, capital sourcing, and corporate financial and strategic planning.

[Cultivation Capital](#) (St. Louis) announced the launch of its Health and Life Sciences fund in 2013. The fund is dedicated to investing in healthcare information technology and related mobile health platforms, medical devices, compound and drug discovery and plant/seed or biosciences technology. Cultivation Capital was recognized for being among the nation's most active seed investors in 2015.

[The eFactory](#) (Springfield) business incubator at Missouri State University supports startups and early stage companies in several targeted industries with a variety of resources, including early stage seed capital.

[Nidus Partners](#) (St. Louis) is a unique collaboration between experienced entrepreneurs and strategic corporations for the purpose of identifying and commercializing technologies in the energy market. The partnership provides seed funding, entrepreneurial experience and market input to advance early technology towards commercialization.



[Oakwood Medical Investors](#) (St. Louis) is a life sciences venture capital fund that invests in development-stage medical device, biopharmaceutical and healthcare service companies.

[Prolog Ventures](#) (St. Louis) specializes in early-stage life science and animal health companies.

[RiverVest Venture Partners](#) (St. Louis) invests in medical device and biopharmaceutical industries, as well as later-stage life science businesses.

[Stifel, Nicolaus & Company](#) (St. Louis) is a co-general partner of Vectis II, a national life sciences venture capital and private equity fund, co-headquartered in St. Louis and in Boston with its partner, Brooke Private Equity Advisors.

[Thompson Street Capital Partners](#) (St. Louis) is a private equity firm that invests in profitable middle-market companies headquartered in North America.

[Tradebot Ventures](#) (Kansas City) invests in technology-based companies located in the Kansas City region.

[Triathalon Medical Ventures](#) (St. Louis) is a Midwest-based venture capital firm that invests exclusively in the life sciences, providing equity capital to early and expansion stage human healthcare companies.

Angel networks

[Arch Angels](#) (St. Louis) are a part of the region's seed to later stage equity capital continuum, targeting an investment range generally underserved by institutional venture capital firms.

[Billiken Angels](#) (St. Louis) provides capital to firms in all industries and at all stages, not just start-ups. To be considered, a company must be in the St. Louis region, owned by current or former St. Louis University students, faculty, or staff, or use intellectual property licensed from Saint Louis University.

[Centennial Investors Angel Investor Network](#) (Columbia) is a network of accredited investors devoted to funding technology-based start-up and early stage companies.

[Prosper Angel Network](#) (St. Louis) a new initiative taking aim at closing the gender gap among entrepreneurs.

[Show-Me Angels](#) (Lee's Summit) is a membership organization of accredited investors committed to investing in early-stage companies in the Kansas City region.

St. Joseph Angel Capital Group, an affiliate of Mid-America Angel Investors, provides early stage funding to new and emerging businesses.

State funding resources

The [Missouri Technology Corporation \(MTC\)](#) was established by the Missouri Legislature in 1994 as a private not-for-profit charged with attracting research funding and technology companies to Missouri. MTC has various funding and grant programs aimed at growing the state's bioscience sector, including the Missouri IDEA (Innovation, Development, and Entrepreneurship Advancement) Funds. The IDEA Funds support the transfer of science and technology into job creation and provide financing to eligible businesses through four stages of growth: pre-seed capital stage financing, seed capital stage financing, venture capital stage financing, and expansion stage debt.

The [Life Sciences Research Trust Fund](#) was established in 2007 to enhance and transform research into commercial life science technology. The fund's focuses include agriculture, animal science, plant science, medical devices, biomaterials and composite research. The fund also supports nanotechnology related to drug development and delivery, diagnostics, clinical imaging, and information technology related to human health.



Investment capital conferences

The [Animal Health Investment Forum](#) is held annually in the Kansas City region to generate investment for early-stage animal health-related companies. Companies selected to participate in the forum have raised a combined \$150 million over the last six years. The 2014 forum featured 14 early-stage animal health companies from all over the world.

[Invest Midwest](#) facilitates investment in the region's top life science, technology and alternative energy companies. This annual conference attracts more than 300 attendees and has helped generate more than \$1 billion in investment capital over the past 15 years.

The [Missouri Technology Expo](#) (Columbia) provides a forum for researchers, entrepreneurs, investors and business development professionals to interact. The expo brings together ready-to-license technology from institutions across the state, leading state speakers, and a pitch competition with prizes.



Missouri has the right workforce to sustain animal health companies.

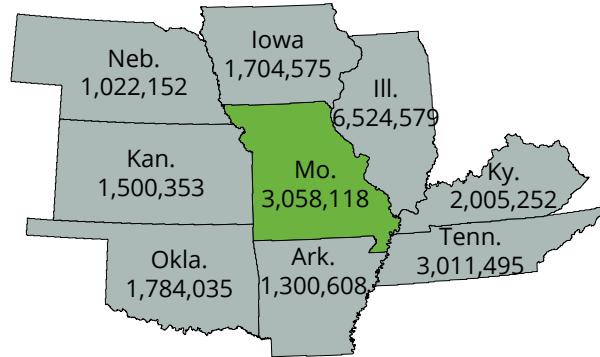
The Bioscience Industry in Missouri is comprised of nearly 3,500 companies employing nearly 50,000 Missourians (*U.S. Bureau of Labor Statistics, 2014*).

88.7 percent of Missouri's population has attained a high school diploma or higher, exceeding the national average of 86.6 percent (*American Community Survey, 2013*).

Over one million Missourians hold a Bachelor's degree or higher (*American Community Survey, 2013*).

Workforce, all industries

Bureau of Labor Statistics, 2014



Employment by occupation

Code	Occupation title	Missouri employment	Missouri median hrly wage	Missouri annual mean wage	U.S. median hrly wage	U.S. annual mean wage
00-0000	All Occupations	2,673,640	\$15.76	\$42,790	\$17.09	\$47,230
19-0000	Life, Physical, and Social Science Occupations	15,880	\$26.41	\$62,260	\$29.55	\$70,070
19-1023	Zoologists and Wildlife Biologists	300	\$23.90	\$54,060	\$28.02	\$63,230
19-1029	Biological Scientists, All Other	330	\$33.45	\$69,520	\$35.92	\$77,920
19-4021	Biological Technicians	760	\$19.31	\$40,570	\$19.85	\$44,610
29-1131	Veterinarians	1,170	\$37.35	\$77,980	\$42.11	\$98,230
29-2056	Veterinary Technologists and Technicians	1,190	\$15.25	\$32,670	\$14.94	\$32,350

Source: BLS, May 2014



Missouri's top-ranked educational institutions draw unparalleled talent.

40 Missouri colleges and universities offer bachelor's degrees or higher in Biological or Biomedical Sciences.

In 2013, 95,458 post-secondary degrees/certificates were awarded in the state. Of those, 40,963 were Bachelor's degrees, 20,577 were Master's degrees and 4,682 were Doctor's degrees.

Missouri is home to one of the top veterinary schools in the U.S. at the [University of Missouri](#). The University is one of only a few universities in the United States with schools of medicine, agriculture and veterinary medicine on one campus.

The [Metropolitan Community College \(MCC\)](#) offers an animal health program, one of only a few such programs in the Midwest. The college's existing two-year degree program in veterinary technology prepares students to assist veterinarians with animal nursing care, lab diagnostics, anesthesia, surgery, dentistry, radiology and more. MCC is also one of only six institutions in the U.S. to offer a NAVTA-approved Veterinary Assistant program.

The [Enstitute](#), an innovative apprenticeship program that began in New York in 2012, recently announced plans to expand to St. Louis. The Enstitute's apprenticeships place 18- to 24-year-olds at high-tech companies or nonprofit institutions for one or two years. The St. Louis Enstitute will be the first to offer life-sciences apprenticeships.

Degrees granted in 2013

	Bachelor's	Master's	Doctor's	Total
Agricultural and Domestic Animal Services	44	0	0	44
Animal Sciences	151	11	5	167
Biology General	1,632	119	20	1,771
Chemistry	349	43	40	432
Veterinary Biomedical and Clinical	0	5	7	12
Veterinary Medicine	0	0	101	101
Total	2,176	178	173	2,527

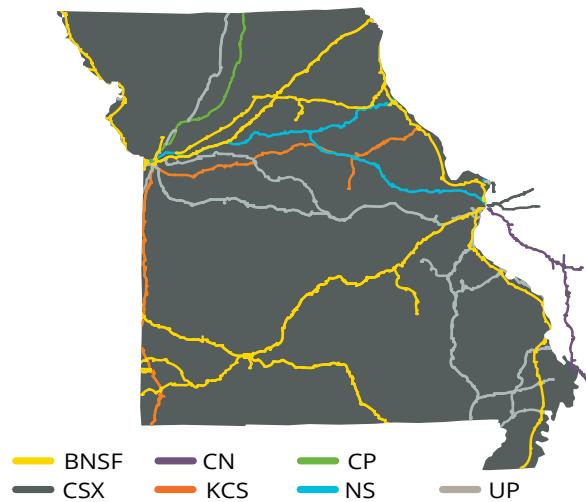
Source: National Center for Education Statistics, 2013

"Missouri's prime location in the middle of the animal health science corridor has provided an excellent environment for our palatant plant. Access to diverse industry resources has served our business well and will help us achieve our vision of touching half the people, and pets, of the world with our products and services."

Giuseppe Abrate, President of Kemin Pet Food Ingredient Business



Missouri's top-ranked transportation network is a dependable delivery system for goods and services.



Rail

Missouri is one of the few states that can provide rail access to both east and west coasts. The Show-Me state also provides efficient, low-cost shipping across the country via all Class I carriers: Burlington Northern Santa Fe (BNSF), Kansas City Southern (KCS), Norfolk Southern (NS), Union Pacific (UP), CSX, Canadian National Railway (CN) and Canadian Pacific (CP).

Missouri is ranked fourth in tons and third in rail carloads carried by state (*Source: Association of American Railroads*).

Two of the largest U.S. rail terminals are located in Kansas City and St. Louis, linking nearly 4,000 miles of track throughout the state.

The CenterPoint KCS Intermodal center includes a 1,000 acre industrial park adjacent to the newly opened Kansas City Southern Intermodal Facility. With infrastructure in place, these sites are build-ready for facilities up to 1 million square feet. KCS offers direct rail service to points along their north/south network in the U.S. and Mexico, including the natural deepwater Port of Lazaro Cardenas, Mexico.

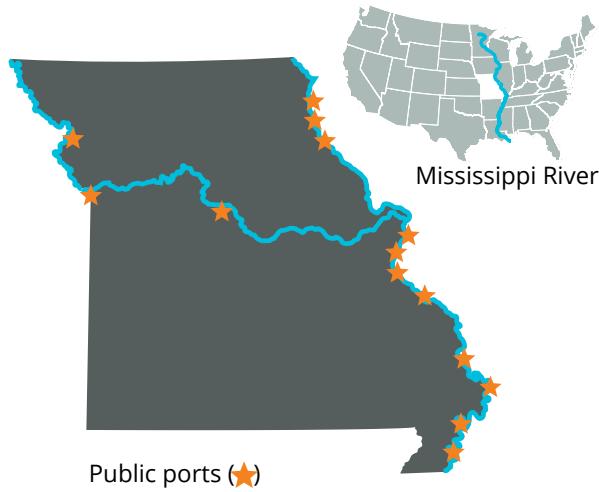


Roads

Missouri has one of the least congested transportation networks in the United States and the 6th largest public road and highway system in the nation (*Source: Federal Highway Administration, 2013*).

Major interstates include I-64, I-44, I-70, I-55, I-35, I-49 and I-29. I-70, which bisects Missouri, is over 2,000 miles long and passes through 10 states. I-29 and I-35 are located within the NAFTA corridor, providing easy access to Canada and Mexico.

There are more than 110,000 commercial trailers registered in Missouri (*Source: Bureau of Transportation Statistics, 2011*).



Waterways

Missouri is ranked 10th for inland waterway mileage (1,000 miles), moving an average of \$4.1 billion in cargo annually (*Source for mileage: Bureau of Transportation Statistics, cargo: Missouri Port Authorities*).

29 industrial centers, with a combined population of 90 million, can be reached from St. Louis by barge. St. Louis is the northern-most point on the Mississippi River that normally remains ice-free and open throughout the year. The city is also the location of the southern-most lock and dam on the Mississippi (*Source: Missouri Port Authorities*).

Airports

Missouri travelers can reach most cities in the United States and Canada in less than three hours by air.

The airport system in Missouri consists of approximately 130 public airports, two of which support international traffic: Lambert-St. Louis International and Kansas City International.

Springfield, Branson, Joplin, Columbia, Cape Girardeau, Kirksville and Waynesville (Fort Leonard Wood) also have commercial service.

Missouri has three U.S. Customs Ports of Entry located in Kansas City, Springfield, and St. Louis.

Foreign Trade Zones

Missouri has three foreign trade zones in Kansas City, St. Louis, and Springfield.

The FTZ at Lambert-St. Louis International Airport was recently expanded to include all of St. Louis and St. Louis County under the Alternative Site Framework. The airport has over 600 acres of land for development on the airfield.

Kansas City ranks first in the country in FTZ space, with five manufacturing zones (123.4 acres), nine general purpose FTZ sites, over 8 million square feet of active FTZ space, and 13,000+ acres of inactive FTZ space available for storage or processing merchandise.

