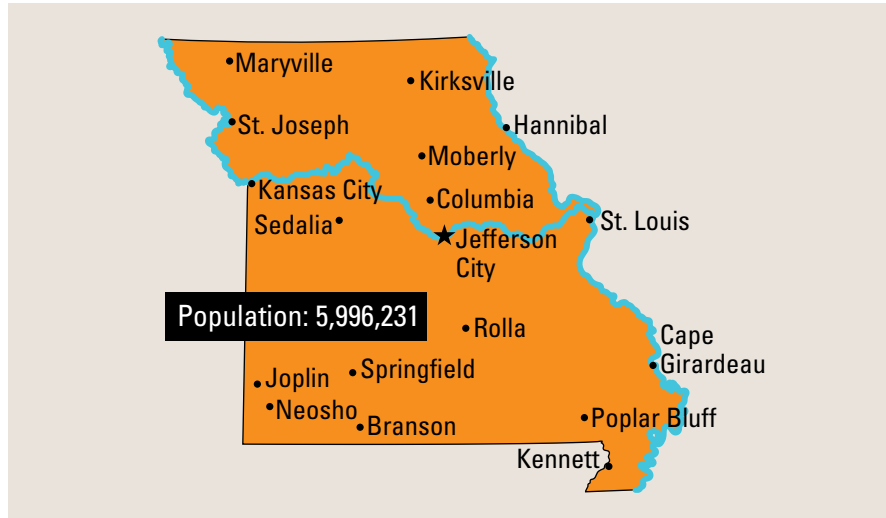


Missouri's Advantages for the Biomedical Industry



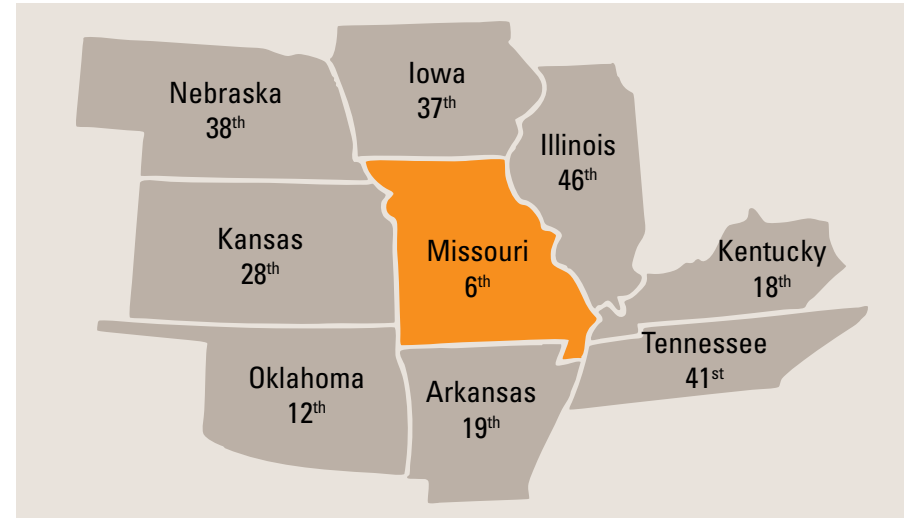
Missouri is right for your biomedical project. Here are the top five reasons why...

- Missouri has the right business environment for bioscience companies to thrive. (see below)
- Missouri’s state of the art research centers, incubator facilities, and hospitals, along with ample funding resources, help bring discoveries from laboratory to market. ([more on page 3 — click here](#))
- Missouri has a first-rate workforce in the bioscience industry. ([page 12](#))
- Missouri’s top-ranked educational institutions draw unparalleled talent. ([page 12](#))
- Missouri can get your product to market faster and cheaper. ([page 15](#))

Business Environment: Missouri is a top 10 state in pro-business rankings

- A top 10 state for low taxes including property tax, corporate income tax, and unemployment insurance tax indices (*Tax Foundation, 2013*)

PROPERTY TAX INDEX RANKING



TAX FOUNDATION, 2013

- A top 10 pro-business state for the third year in a row (*Pollina Corporate Real Estate, 2012*)
- A top 10 state for economic competitiveness (*American Legislative Exchange Council, 2012*)
- A top 10 state for low business energy costs (*Small Business and Entrepreneurship Council, 2012*)
- A top 10 location for research—the Kansas City region is fifth per capita in clinical trials conducted (*Missouri Biotechnology Association*)

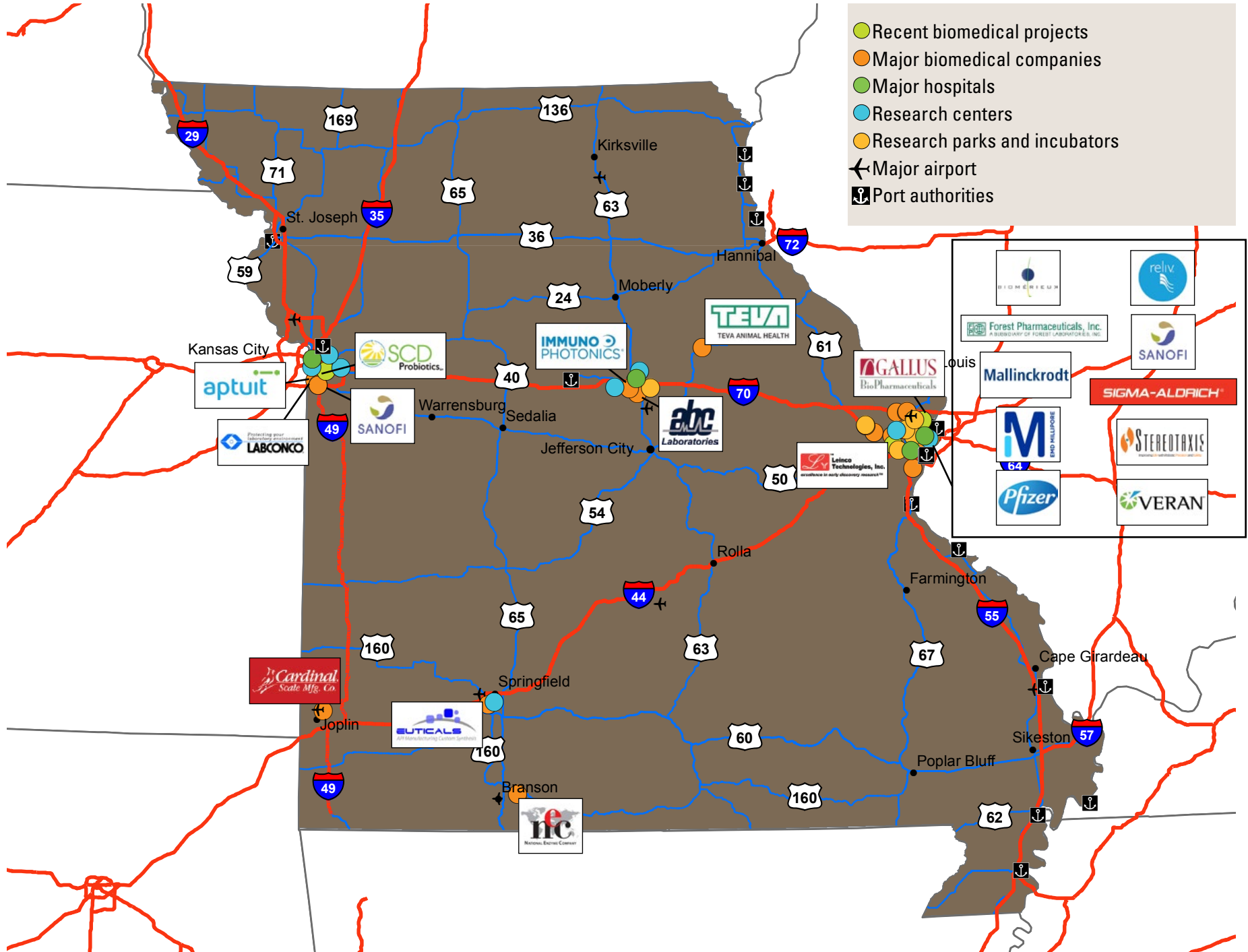
“Missouri’s commitment to scientific advancement and large, turn-key labor pool have helped make it the top destination for bioscience facility development. In addition to being home to some of the most prestigious hospitals, medical schools, and bioscience companies—including Monsanto and Sigma-Aldrich—in the country, Missouri boasts a low-cost business climate, easy access to investors, and facilities devoted to biomedical research and commercialization across the state.”

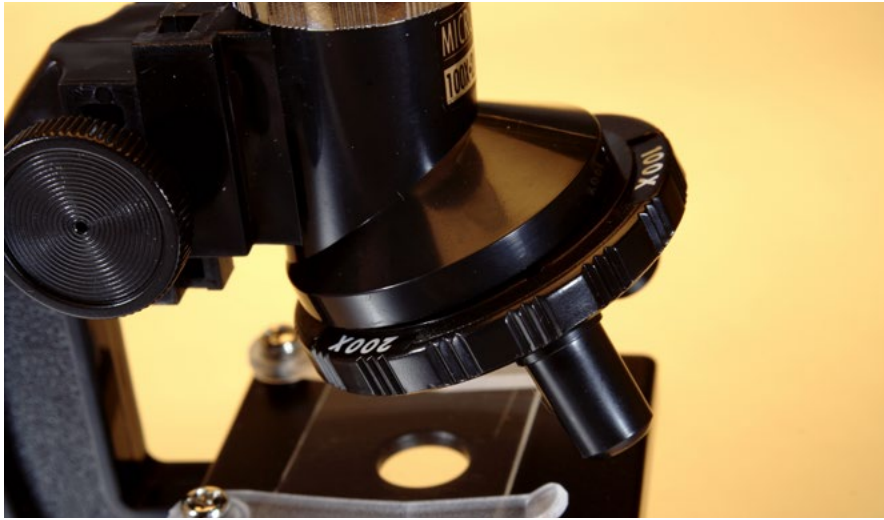
—Governor Jeremiah W. “Jay” Nixon

Text that appears in orange can be clicked to link to another page in the document or to a website.

MISSOURI BIOMEDICAL COMPANIES

- Recent biomedical projects
- Major biomedical companies
- Major hospitals
- Research centers
- Research parks and incubators
- Major airport
- Port authorities

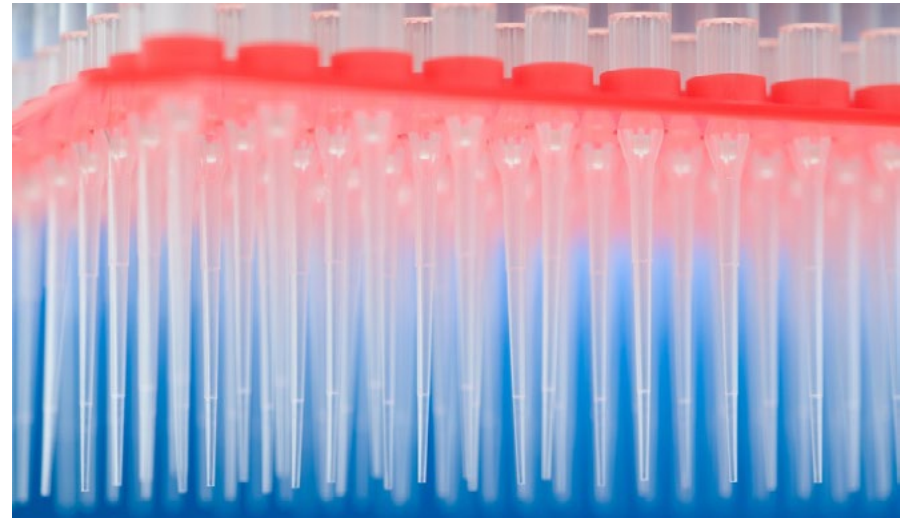




Missouri's state of the art research centers, incubator facilities, and hospitals, along with ample funding resources, help bring discoveries from laboratory to market.

Recent Projects

- Gallus Biopharmaceuticals (HQ St. Louis) a manufacturer of biologic pharmaceuticals, purchased the former 15-acre, 200,000-square-foot Centocor Biologics facility in St. Louis. Gallus invested \$20 million to expand the facility and hired about 160 Centocor employees. The company plans to create approximately 160 new jobs over the next five years. [\(more\)](#)
- Leinco Technologies (HQ St. Louis) opened a new research, development, and manufacturing facility in Fenton, creating 48 new high-tech jobs. Leinco provides research services and specialty bioscience manufacturing, including early research products and proteins. [\(more\)](#)
- SCD Probiotics (HQ Kansas City) produces probiotics for nutritional supplements, cleaning supplies, lawn and garden products, and pet products. SCD Probiotics announced a \$9.1 million expansion project with the potential to create 62 jobs in Kansas City. [\(more\)](#)



Missouri's Major Biomedical Companies

- ABC Labs (HQ Columbia) a full-service contract research and development company, provides analytical and biological services to support the pharmaceutical, agricultural, animal health, and chemical industries. [\(more\)](#)
- Aptuit Inc. (Kansas City) streamlines and supports drug development for biotechnology and pharmaceutical innovators. The company operates a 450,000 sq. ft. production facility in Kansas City. [\(more\)](#)
- bioMerieux Inc. (St. Louis) has been a world leader in the field of in vitro diagnostics for over 45 years, operating in more than 150 countries through 39 subsidiaries and a large network of distributors. [\(more\)](#)
- Cardinal Scale Manufacturing Company (HQ Joplin) produces scales for all kinds of industries: medical, food service, truck, and livestock. [\(more\)](#)
- EMD Millipore (St. Charles) provides life sciences research products and services, including drug testing for large pharmaceutical and biotech companies. Millipore's St. Charles operation is well-known in the U.S. for developing research-grade assays for measuring biomarkers in blood and serum. The assays enable scientists to detect and diagnose diseases such as diabetes and cardiovascular ailments. [\(more\)](#)

- Euticals (Springfield) engages in the development, manufacture, and commercialization of pharmaceuticals. Its products include reagents and building blocks, regulatory starting materials, cGMP intermediates, and active pharmaceutical ingredients. ([more](#))
- Forest Pharmaceuticals (HQ St. Louis), a subsidiary of Forest Laboratories, Inc., manufactures pharmaceutical products for cardiovascular, central nervous system, pulmonary, and women's health disorders. ([more](#))
- Immunophotonics (Columbia) is a research-oriented company in the frontline of cancer vaccine research. The company is developing Laser-Assisted Immunotherapy, which is an in situ cancer vaccine (inCVAX), one of the most innovative and promising modalities for metastatic tumors to have emerged in the cancer research world. ([more](#))
- Labconco (HQ Kansas City) is a manufacturer specializing in fume hoods, enclosures, evaporators, and exhausters for use in laboratories. ([more](#))
- Mallinckrodt (HQ St. Louis) designs, manufactures, and distributes prescription pharmaceuticals and products for imaging and respiratory care. Mallinckrodt is currently in the process of spinning-off from its parent company, Covidien. ([more](#))
- National Enzyme Company (HQ Forsyth) specializes in product formulation and patented, branded ingredients. As the oldest enzyme company in North America, NEC's ingredients are the most trusted and proven in the market, resulting in quality products with a high rate of repeat sales. ([more](#))
- Pfizer Inc. (St. Louis) has three R&D locations in the St. Louis area, playing a significant role in bringing new medications to market. Among the products coming of St. Louis are Celebrex (for Arthritis), Inspra (for hypertension and congestive heart failure), and Genotropin and Somavert (both for hormone disorders). St. Louis is also home to the Global Center of Emphasis of Biologics, which conducts research on target proteins. ([more](#))
- Reliv International Inc. (HQ St. Louis) develops, manufactures, and markets nutritional supplements. ([more](#))
- Sanofi-Aventis (Kansas City and St. Louis) is a Fortune 1000 company and one of the world's leading pharmaceutical companies. Sanofi-Aventis specializes in seven major therapeutic areas: cardiovascular, thrombosis, oncology, metabolic diseases, central nervous system, internal medicine, and vaccines. ([more](#))
- Sigma-Aldrich (HQ St. Louis) produces chemical and biochemical products for scientific research, including genomic and proteomic research, biotechnology, pharmaceutical development, and diagnosis of disease. The company's "targeted knockout" rats—engineered with permanent, heritable gene mutations—were named one of the "Top Ten Innovations for 2009" by *The Scientist* magazine. ([more](#))
- Sinclair Research Center (Columbia) is a biomedical research facility offering a full range of preclinical research services for the animal and human health industries. ([more](#))
- Stereotaxis, Inc. (HQ St. Louis) designs, manufactures, and markets cardiology instrument control systems for the treatment of arrhythmias and coronary artery disease. ([more](#))
- TEVA Pharmaceuticals USA, Inc. (Mexico, Mo.) manufactures and markets generic pharmaceutical products. It offers dosage forms such as tablets, capsules, creams, ointments, inhalants, solutions, and suspensions; and injectable products in vials, I.V. bags, and prefilled syringes. ([more](#))
- Veran Medical Technologies (HQ St. Louis) is a medical device company focused on non-invasive, interventional oncology therapies. The company relocated its headquarters from Nashville to St. Louis to build relationships with the local medical community and has secured \$4.75 million from local venture capital and private financing for its IG4 delivery system for minimally invasive biopsies and the ablation of cancer. ([more](#))



Research Parks and Incubators: Missouri's facilities support companies in bringing their discoveries from the laboratory to the market

- 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. ([more](#))
- The Center of Research, Technology, and Entrepreneurial Exchange (CORTEX) (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. ([more](#))
- Helix Center (St. Louis) is a new small business incubator providing startups in plant and life sciences with affordable office and laboratory space, access to expertise, and facilities near the Donald Danforth Plant Science Center and the Bio-Research and Development Growth (BRDG) Park. ([more](#))

University of Missouri:

- Innovative Technology Enterprises (ITE) (St. Louis) at UMSL is a major force in translating innovative ideas into thriving businesses in information technology and life sciences. ITE offers state-of-the-art infrastructure, in-house mentoring, business development, and access to university talent. In keeping with the University's mission, ITE's work supports economic development for the area. ([more](#))
- Missouri Research Park (St. Charles) is a 130-acre high-tech research facility, with 15 tenant companies employing more than 2,000. ([more](#))
- Discovery Ridge (Columbia) leverages the University of Missouri's resources in agriculture, health, veterinary medicine, bioengineering, nutrition, biology and environmental services. ([more](#))

- Life Science Business Incubator at Monsanto Place (Columbia) is home to more than 20 early stage companies, including 15 biomedical ventures at various stages of development of products that include therapeutics, diagnostics and devices. Leading biomedical clients residing at the incubator include Immunophotonics (in situ cancer vaccine), Tensive Controls (peptide drugs to reverse cachexia), and Eternogen (innovative dermal filler using gold nano-particle modified collagen). ([more](#))

Biomedical Research Centers

- IDEXX Research Animal Diagnostic Laboratory (RADIL) (Columbia) is located on the campus of the University of Missouri. The laboratory is one of the two largest research animal diagnostic laboratories in the U.S. and the largest at an academic institution. ([more](#))
- 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. ([more](#))
- Missouri State University Center for Biomedical and Life Sciences (CBLS) (Springfield) is committed to the development and support of advanced biotechnology industries in Missouri. As part of the Jordan Valley Innovation Center, CBLS focuses on medical instruments, bio-processing techniques and equipment, R&D for agribusiness, and chem/bio sensors and systems. ([more](#))
- Kansas City University of Medicine and Biosciences' Dybedal Clinical Research Center is the first not-for-profit academic clinical research center for adults in Kansas City, Mo., strengthening the area's leadership in biomedical research. ([more](#))
- The St. Louis University Center for Vaccine Development is a multi-disciplinary research facility for vaccines and biologics, and one of only eight NIH-funded vaccine research institutions. The Center has contributed pivotal research on the H1N1 influenza vaccine, biodefense, respiratory syncytial virus (RSV), and tuberculosis vaccines. ([more](#))
- The Stowers Institute for Medical Research (Kansas City) conducts basic research on genes and proteins to determine the causes, treatment, and prevention of diseases. ([more](#))

University of Missouri:

- The Dalton Cardiovascular Center (Columbia) focuses on hypertension, cancer, cystic fibrosis and heart disease. Investigators hold primary academic appointments in the Schools of Medicine, Veterinary Medicine, Engineering, and Arts and Science. Collaboration between scientists within the center and across campus is one of Dalton's greatest strengths. ([more](#))
- The International Institute for Nano and Molecular Medicine (Columbia) is fast becoming an international leader in the field of boron neutron capture therapy (BNCT)—a cell-selective binary radiation method for cancer, arthritis, and non-invasive surgical protocols. ([more](#))
- The Radiopharmaceutical Sciences Institute (RSI) (Columbia) develops cancer-specific diagnostic and therapeutic radiopharmaceuticals through the design, formulation, and study of novel radiolabeled biomolecular in vivo targeting agents. ([more](#))
- The MU Research Reactor (Columbia) is the largest university-operated—and the only commercial-scale—research reactor in the country, specializing in the development of techniques for the diagnosis and cure of cancer and other diseases. MURR is one of only four research reactors in the world producing the radioactive isotope, technetium-99, used in 50,000 medical studies daily in the United States. ([more](#))

- The Center of Excellence in the Study of Dental and Musculoskeletal Tissues (CEMT) (Kansas City) is a collaborative effort between the Schools of Dentistry, Medicine, Nursing, and Computing and Engineering focused on dental and musculoskeletal health. CEMT conducts research to prevent and treat diseases of mineralized tissue, including teeth, cartilage, bone and muscle tissue. Research applications include biomaterials, medical devices, diagnostics, imaging, and veterinary medicine. ([more](#))

Washington University in St. Louis:

- BioMed 21 is a research facility jointly developed by Washington University in St. Louis and BJC HealthCare. The facility will house five interdisciplinary research centers: The Center for Cancer Genomics, the Center for the Investigation of Membrane Excitability Disorders (CIMED), the Center for Women's Infectious Disease Research (cWIDR), the Hope Center Program on Protein Folding and Neurodegeneration, and the Center for Interdisciplinary Studies of Diabetic Cardiovascular Disease. ([more](#))
- The Genome Institute was one of the first three sites to begin full-scale human sequencing as part of the Human Genome project. Scientists there were the first in the world to decode the complete DNA sequence of a cancer patient. ([more](#))
- Molecular Imaging Center fosters collaborations on advanced imaging between scientists from different specialties. Initiatives include tracking the spread of gene therapy for cancer and monitoring key genes in tumors. While the center's core focus is cancer, it supports collaborative imaging efforts in such fields as immunology, neuroscience, and cardiovascular disease. ([more](#))
- Siteman Cancer Center, at Barnes Jewish Hospital and Washington University School of Medicine, is an international leader in cancer treatment, research, prevention, education and community outreach. ([more](#))
- St. Louis Institute of Nanomedicine Working Group is a collaboration between Washington University in St. Louis, Saint Louis University, the

University of Missouri-St. Louis, and St. Louis Community College. The Group received a grant from the Missouri Life Sciences Research Fund for four pilot projects per year using nanotechnology for the treatment of human disease. ([more](#))

Notable Hospitals in Missouri

- Barnes Jewish Hospital (BJC) (St. Louis) is ranked sixth in *US News & World Report's* 2012 Hospital Honor Roll and is nationally ranked in 15 specialties.
- St. Louis Children's Hospital is ranked ninth in *US News & World Report's* 2012 Best Children's Hospital Honor Roll and is nationally ranked in 10 specialties.
- Children's Mercy Hospital (Kansas City) ranks nationally in 10 specialties.
- University of Missouri Healthcare (Columbia) is ranked nationally for Ear, Nose, and Throat.
- (*Source: U.S. News and World Report*)



Missouri Venture Capital Funds and Resources: Supporting and growing biomedical companies

- Advantage Capital Partners (St. Louis) provides equity and debt capital, along with value-added counsel, to operating businesses with a potential for excellent investor returns and significant community impact. ([more](#))
- Ascension Health Ventures (St. Louis) is a strategic healthcare venture fund focused on the medical device, technology, and service sectors with \$325 million under management. A strategic investor, AHV adds value to portfolio companies by sharing solutions across its network of partners. ([more](#))
- 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 earliest stages of company formation. ([more](#))
- BioSTL (evolved from the Coalition for Plant and Life Sciences) announced in 2011 a \$30 million commitment over five years, from Washington University in St. Louis, BJC HealthCare, and the St. Louis Life Sciences Project for the purposes of bioscience company creation and economic growth. These funds will increase the region’s capacity to support entrepreneurs and launch BioSTL itself, the next step in a 10-year-old regional effort to increase economic activity in the medical and plant biosciences. A majority of these new funds will be dedicated to pre-seed and seed investments and associated support for newly created enterprises. ([more](#))
- Bush O’Donnell Capital Partners (St. Louis) invests in companies that have recurring annual revenues of \$5 million or more. ([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. ([more](#))

- 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. ([more](#))
- 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 toward commercialization. ([more](#))
- Oakwood Medical Investors (St. Louis) is a life sciences venture capital fund that invests in development-stage medical device, biopharmaceutical, and healthcare service companies. ([more](#))
- Prolog Ventures (St. Louis) specializes in early-stage life science and animal health companies. ([more](#))
- RiverVest Venture Partners (St. Louis) invests in medical device and biopharmaceutical companies, as well as later-stage life science businesses. ([more](#))
- 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. ([more](#))
- Thompson Street Capital Partners (St. Louis) is a private equity firm that invests in profitable middle-market companies headquartered in North America. ([more](#))
- Tradebot Ventures (Kansas City) invests in technology-based companies located in the Kansas City region. ([more](#))
- Triathlon 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. ([more](#))

- Vectis Life Sciences Fund I (St. Louis) is a \$81.5 million fund-of-funds that has been investing in medical science venture capital funds since 2005. Fund II is a \$70 million fund-of-funds, but it also invests directly into companies.

Angel Networks

- Arch Angels (St. Louis) is a part of the region's seed to later-stage equity capital continuum, targeting an investment range generally underserved by institutional venture capital firms. ([more](#))
- 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, or the company must be owned by current or former Saint Louis University students, faculty, or staff, or use intellectual property licensed from Saint Louis University. ([more](#))
- Centennial Investors Angel Investor Network (Columbia) is a network of accredited investors devoted to funding technology-based start-ups and early-stage companies. ([more](#))
- Show-Me Angels (Lee's Summit) is a membership organization of accredited investors committed to early-stage companies in the Kansas City region. ([more](#))
- Springfield Angel Network (Springfield) is a nonprofit corporation introducing start-up and existing entrepreneurs from southwest Missouri (although not exclusively) to individuals capable of investing financially. ([more](#))

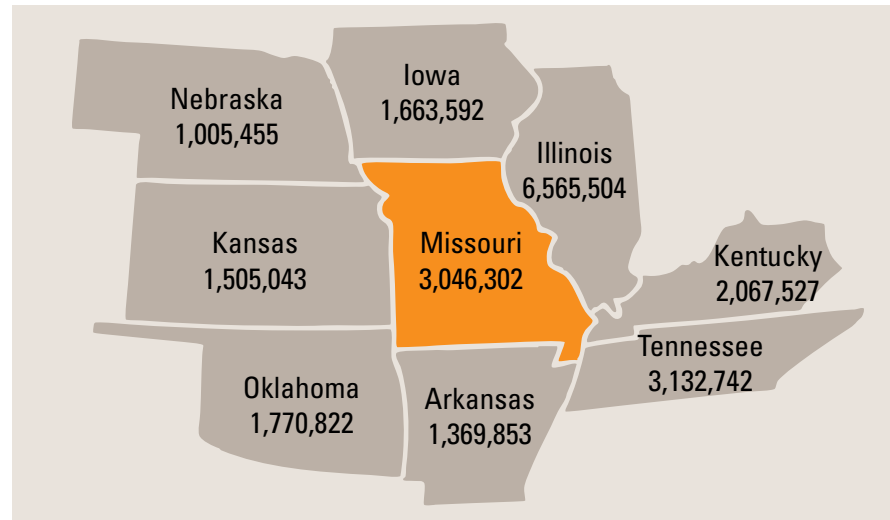
State Funding Resources

- 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. ([more](#))
- 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 trust fund also supports nano-technology related to drug development and delivery, diagnostics, clinical imaging, and information technology for human health.

Investment Capital Conferences

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

WORKFORCE BY STATE



BLS, QUARTERLY CENSUS OF EMPLOYMENT AND WAGES, 2011

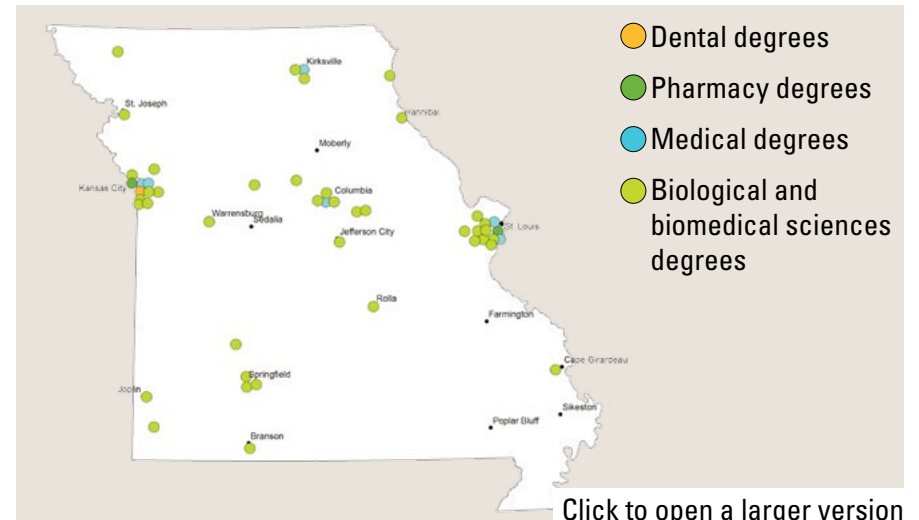
Missouri has a first-rate workforce in the bioscience industry.

- The Bioscience Industry in Missouri is comprised of nearly 3,500 companies employing over 51,000 Missourians (*U.S. Bureau of Labor Statistics, 2012*).
- A recent study called the National Cluster Mapping Project ranks St. Louis' biopharmaceutical cluster as the 7th largest in the nation, ahead of such areas as Dallas, Cleveland, Miami, and San Diego. The study, which was conducted through Harvard Business School, ranked Missouri 12th for employment in biopharmaceuticals. ([more](#))

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.
- 86.8 percent of Missouri's population has attained a high school diploma or higher, exceeding the national average of 85.4 percent (*American Community Survey, 5-year estimates, 2007-2011*).

BIOMEDICAL-RELATED DEGREE PROGRAMS



- Over one million Missourians hold a Bachelor's degree or higher (*American Community Survey, 5-year estimates, 2007-2011*).
- In 2011, 96,953 post-secondary degrees/certificates were awarded in the state. Of those, 41,648 were bachelor's degrees, 20,679 were master's degrees and 4,656 were doctorates.

Missouri Medical Schools

- A.T. Still University (Kirksville), founded in 1892, is the birthplace of osteopathic medicine and the oldest osteopathic institution in the world. Current enrollment on the Kirksville campus is 720 DO-PhD students.
- Kansas City University of Medicine and Biosciences is home to the oldest medical school in Kansas City and the largest in Missouri. Since 1916, the University has awarded the Doctor of Osteopathic Medicine degree to more than 7,000 graduates. Today's enrollment is approximately 1,000 DO-PhD students.

- Saint Louis University School of Medicine (SLU SOM) is a private, American Allopathic Medical School established in 1836. The school has the distinction of awarding the first M.D. degree west of the Mississippi River. The University's \$82 million Edward A. Doisy Research Center supports research in five key areas: cancer and molecular biology; liver disease; cardiovascular disease; neurosciences and aging; and vaccine development. The school currently has an enrollment of 739 MD-PhD students.
- The University of Missouri School of Medicine (Columbia) was the first publicly supported medical school west of the Mississippi River. *U.S. News and World Report* ranked MU's Department of Family and Community Medicine as the seventh-best family medicine program nationwide in 2011. 420 MD-PhD students are currently enrolled in the medical school.
- University of Missouri—Kansas City offers an accelerated combined Bachelor/MD program based on a six-year curriculum, admitting students into the program directly from high school. Currently, 410 students are enrolled.
- Washington University School of Medicine in St. Louis ranked fourth for NIH funding in 2012 and sixth for research for 2013 (*U.S. News and World Report*). The school has been listed among the top ten medical schools since rankings were first published in 1987. Currently, nearly 610 MD-PhD students are enrolled.

Missouri Pharmacy Schools

- St. Louis College of Pharmacy is the oldest college of pharmacy west of the Mississippi River. The school's sole program is the Doctorate of Pharmacy. Enrollment is currently at 1,300 students.
- University of Missouri-Kansas City offers Doctorates of Pharmacy, Pharmacology & Toxicology and Pharmaceutical Sciences. The school currently has over 400 PhD students enrolled

Missouri Dental Schools

- University of Missouri-Kansas City School of Dentistry was established as the Kansas City Dental College in 1881. Currently more than 400 D.D.S./D.M.D. students are enrolled.

Other Notable Biomedical Training Programs

- The Advanced Technology Center (ATC) is a cooperative effort among the City of Mexico, Linn State Technical College, Moberly Area Community College and the University of Missouri Outreach and Extension. Current training programs include an Associate of Applied Science degree in Nuclear Technology, with options in radiation protection, instrumentation and control, reactor operations, and quality control. The Nuclear Technology degree is one of only a few such programs in the United States. ([more](#))
- Project Lead The Way Biomedical Sciences is an integrated high school program that introduces students to the numerous medical fields. PLTW Biomedical Sciences augments college preparatory programs in science and math to establish a solid background in biomedical science. There are 38 high school PLTW Biomedical Sciences programs being offered in Missouri high schools.

OCCUPATIONS AND WAGES

Occupation code	Occupation title	Missouri median hourly wage	U.S. median hourly wage
00-0000	All Occupations	\$14.99	\$16.57
17-2031	Biomedical Engineers	\$28.08	\$40.71
17-2041	Chemical Engineers	\$41.05	\$44.68
19-1021	Biochemists and Biophysicists	\$25.20	\$38.09
19-1029	Biological Scientists, All Other	\$31.74	\$34.03
19-1042	Medical Scientists, Except Epidemiologists	\$28.29	\$36.60
19-2031	Chemists	\$27.77	\$33.54
19-4021	Biological Technicians	\$17.90	\$18.98
19-4031	Chemical Technicians	\$19.24	\$20.23
29-2011	Medical and Clinical Laboratory Technologists	\$26.29	\$27.41
29-2012	Medical and Clinical Laboratory Technicians	\$15.54	\$17.76
49-9062	Medical Equipment Repairers	\$19.38	\$21.57
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	\$17.60	\$18.14
51-9082	Medical Appliance Technicians	\$15.16	\$17.13

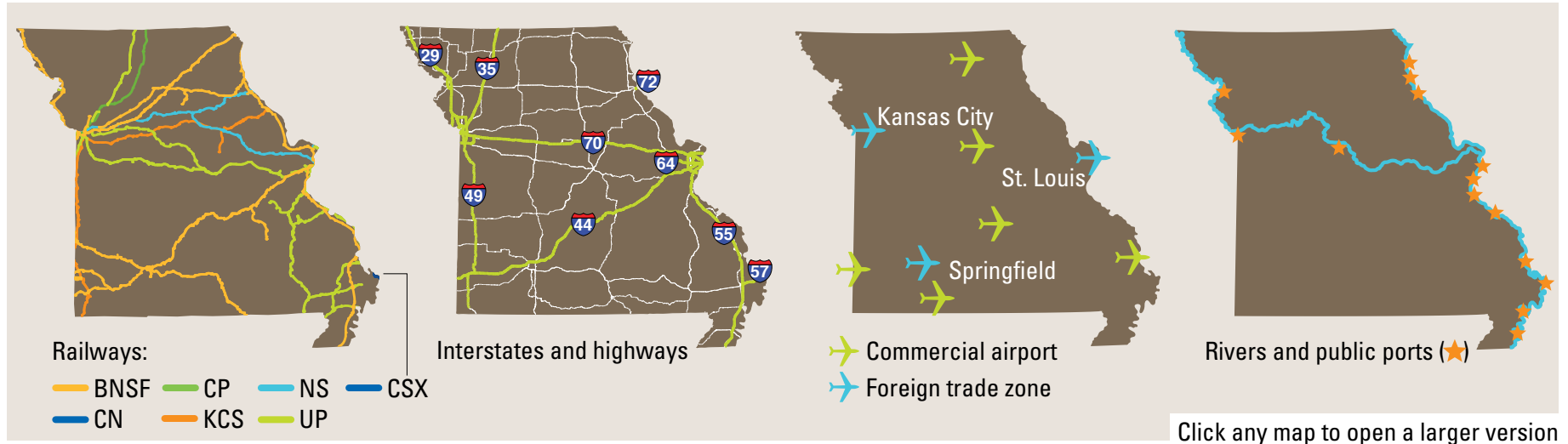
SOURCE: BLS, OCCUPATIONAL EMPLOYMENT AND WAGE ESTIMATES, MAY 2011

DEGREES GRANTED IN MISSOURI IN 2011

	Associate's degree	Bachelor's degree	Master's degree	Doctor's degree	Total
Biochemistry, Biophysics and Molecular Biology	0	145	21	9	175
Biological and Biomedical Sciences, Other	81	13	0	16	110
Biology/Biological Sciences	0	1,524	104	21	1,649
Biomedical Sciences	0	9	54	1	64
Biomedical/Medical Engineering	0	92	22	10	124
Cell/Cellular Biology and Anatomical Sciences	52	14	22	0	88
Clinical/Medical Laboratory Science	51	0	0	1	52
Medical/Clinical Sciences	0	15	0	0	15
Medicine	0	0	0	486	486
Microbiological Sciences and Immunology	0	0	1	25	26
Osteopathic Medicine	0	0	0	512	512
Pharmacy, Pharmaceutical Sciences and Administration	0	14	0	299	313
Neurobiology and Neurosciences	0	21	0	13	34
Dentistry	0	0	0	156	156
Total	184	1,847	224	1,549	3,804

SOURCE: NATIONAL CENTER FOR EDUCATION STATISTICS, 2011

MISSOURI'S TRANSPORTATION ASSETS



Missouri can get your product to market faster and cheaper.

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 130 public airports, with two providing international service: Lambert-St. Louis International and Kansas City International.
- Springfield, Branson, Joplin, Columbia, Cape Girardeau, Kirksville and Waynesville (Fort Leonard Wood) also have commercial service.

Foreign Trade Zones

- Missouri has foreign trade zones in Kansas City, Saint Louis, and Springfield.
- The FTZ at Lambert-St. Louis International Airport was recently expanded to include all of St. Louis City and St. Louis County under the Alternative Site Framework.

- The KCI Intermodal BusinessCentre includes 8,000 acres of multi-use land for development on the airfield designated FTZ and enhanced enterprise zone.

Rail

- Missouri 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). It is one of the few states that can provide access to both east and west coasts.
- Missouri is ranked in the top ten for U.S. railroad mileage with 4,019 miles (*Association of American Railroads, 2010*).
- Missouri is ranked fourth in tons and third in rail carloads carried by state (*Association of American Railroads*).

- The 1,340 acre CenterPoint KCS Intermodal center includes a thousand acre industrial park located directly adjacent to the new Kansas City Southern Intermodal Facility. With infrastructure in place, these sites are shovel-ready for facilities up to one million square feet. KCS will offer direct rail service to CIC-KC from the natural deepwater port of Lazaro Cardenas, Mexico.

- Missouri has 14 strategically located public port authorities (*Missouri Port Authorities*).
- Nearly 4,500 acres are available for development adjacent to Missouri's port authorities.

Roads

- Missouri has the sixth largest public road and highway system in the nation with 33,667 miles (*Federal Highway Administration, 2009*).
- Major interstates include I-64, I-44, I-70, I-55, I-35, I-29, and the newly designated I-49, which connects Kansas City to Joplin.
- I-70, which bisects Missouri, is over 2,000 miles long and passes through 10 states.
- Interstates 29 and 35 are located within the NAFTA corridor, providing easy access to Canada and Mexico.
- Missouri ranked in the top 10 states for Federal highway funding in 2011, with \$1.11 billion (*State Rankings, Federal Highway Administration, 2010*).
- There are more than 110,000 commercial trailers registered in Missouri (*Bureau of Transportation Statistics, 2011*).

Waterways

- Missouri is ranked tenth for inland waterway mileage (1,000 miles), moving an average of \$4.1 billion in cargo annually.
- Twenty-nine 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 southernmost lock and dam on the Mississippi (*Missouri Port Authorities*).

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The Missouri Partnership is a public-private, non-profit focused on recruiting new business to the state. To find out how Missouri Partnership can assist at any stage of your project, contact us by:

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