

NORTHERN KENTUCKY LIFE SCIENCES



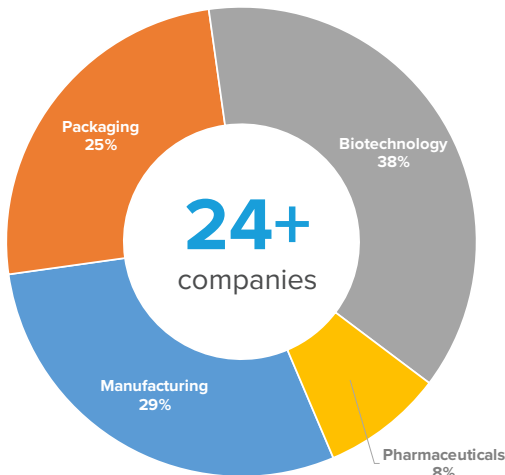
#1 Most cost friendly location in the United States

11.3% Cost savings for R&D operations compared to the national average

4.8% Cost savings for manufacturing compared to the national average

Source: KPMG Competitive Alternatives Report, 2016

NKY LIFE SCIENCES CLUSTER



Northern Kentucky Overview

With a strong base of chemical, plastics, and metal manufacturing and a robust healthcare industry, Northern Kentucky is the optimal location for Life Sciences companies to develop and move their product to market. Add to this a rapidly developing specialization in health informatics and research outcomes, which has attracted the attention of entrepreneurs and medical innovators from across the globe. Northern Kentucky's Life Sciences cluster features major companies such as CTI Clinical Trial and Consulting, Ethos Laboratories, Bexion Pharmaceuticals, and Beckman Coulter. Connect with us and we will connect you throughout Greater Cincinnati and beyond.

Major Employers

Manufacturing

Beckman Coulter
Carl Zeiss Vision
Celanese
DESMA USA
Zotefoams

Packaging

Graham Packaging Plastic Products
National Band & Tag Company
Signode

Biotechnology

CTI Clinical Trial & Consulting
Ethos Laboratories
PPD Global Central Labs
Thermo Fisher Scientific
ViaCord
Wood Hudson Cancer Research

Pharmaceuticals

Bexion Pharmaceuticals
RxCrossroads



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Recent Announcements

CTI Clinical Trial & Consulting

Relocated global headquarters from Blue Ash, OH to Covington, KY
\$12.4M | 500 Jobs

Carl Zeiss Vision

Expansion of Hebron, KY facility to support higher production and increased efficiency
\$2M | 190 Jobs

MILA International

Moved to a new location three times larger to support increased production
\$16K | 8 Jobs

Bexion Pharmaceuticals

The U.S. Food and Drug Administration (FDA) cleared Bexion's application to initiate a First-in-Human Phase I clinical trial with BXQ-350 for the treatment of cancer.



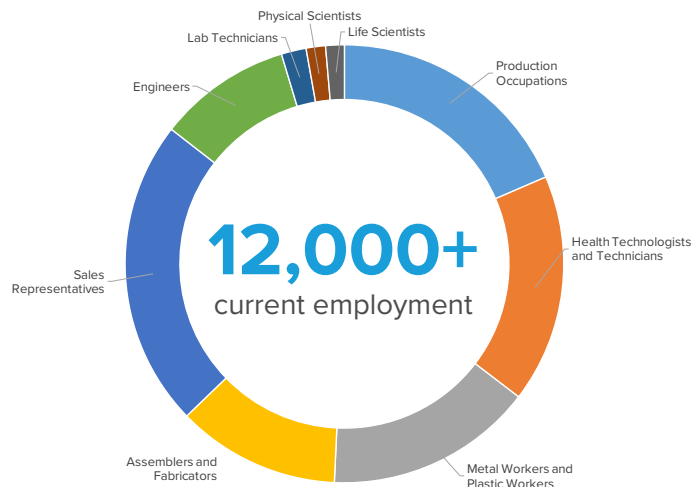
bioLOGIC

bioLOGIC is a life sciences incubator, located in Covington, offering early stage clients nearly 15,000 square feet of laboratory, office, and meeting space; networking opportunities; access to the Kentucky SBIR Matching program; and onsite grant strategist, fundraising advisers, PR, accounting, legal, and industry experts.



Workforce Overview

With a labor shed of over 1 million people and more than 12,000 people currently employed in the life sciences, Northern Kentucky has a strong core of both professional and production workers. Manufacturing programs and custom apprenticeships ensure a well trained production workforce, while degrees in Health Informatics and Health Economics and Clinical Outcomes Research ensure the professional workforce is equipped with skills in data analytics and health information systems.



Based on 45 minute commute radius from Northern Kentucky
Source: JobsEQ, 2016

Region	Avg. Annual Wage
Boston	\$146,640
Indianapolis	\$134,390
Minneapolis	\$91,550
Los Angeles	\$85,860
Northern KY	\$63,200

Life Sciences Occupations
Source: JobsEQ, 2016



M.S. Health Informatics

Health Informatics is the application of technology to the communication systems found throughout the healthcare industry. NKU offers two health informatics programs, providing graduates specialized training in the technologies, process management, regulatory and ethical issues, and organizational culture of healthcare, preparing them for professional-level occupations involving analysis, design, development and management of computer-based information systems. The program will be housed in NKU's Health Innovation Center, to be completed in 2018.

M.S. Health Economics & Clinical Outcomes Research

Xavier University's Health Economics & Clinical Outcomes Research (HECOR) program was developed directly with life sciences companies to ensure the curriculum meets the current demands of employers. Students study health economics, data mining, statistical modeling and epidemiology as they prepare for careers as analysts, managers and directors in multiple fields related to health care outcomes research, policy, economics and reimbursement.