



A Bureau of Business Research Report
From the University of Nebraska—Lincoln

Final Report

A Profile of Lincoln's Life Sciences and Agriculture Industry Cluster

Prepared for the Lincoln Partnership for Economic Development

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A Profile of Lincoln's Life Sciences and Agriculture Industry Cluster

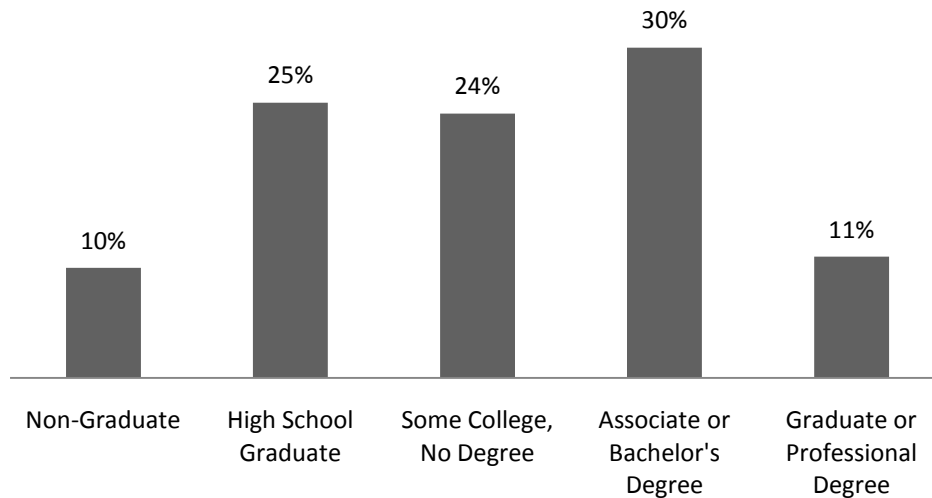
Introduction

The life sciences and agriculture sectors encompass a broad spectrum of industries and technology-partnerships, ranging from industrial-agricultural technology research to organic agriculture to final-product food processing. Life sciences is a capital-intensive, highly-technical, highly-skilled industries. Food processing is a also high-valued added agricultural industry. Lincoln, Nebraska is an ideal location for such businesses due to its highly educated workforce, low labor costs, low cost of living, low traffic congestion costs, business friendly environment, and university research facilities.

Why Lincoln?

Lincoln, a centrally-located community of nearly 300,000, is well positioned to cultivate this industry through its **highly educated workforce, existing agriculture-related biotech presence, extensive university research and outstanding quality of life.**

Education Attainment, Age 25 and Over, Lincoln, NE



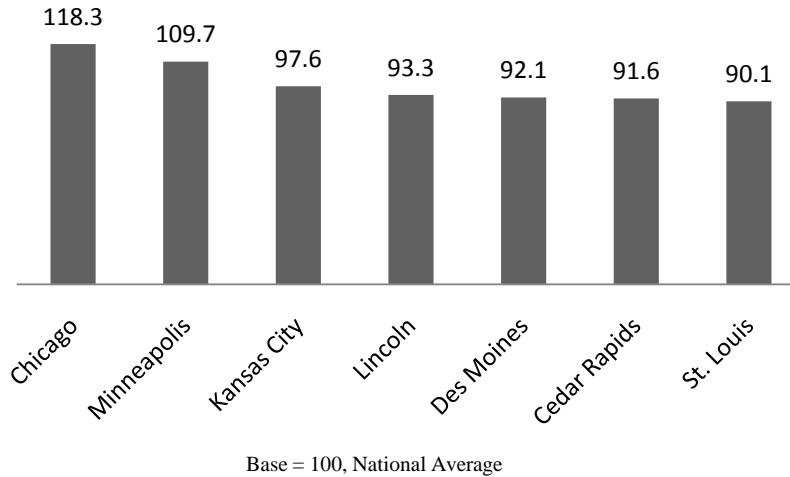
Lincoln offers the ambiance of a friendly small town and the amenities, attractions and entertainment opportunities of a major metropolitan area. Lincoln is both the **state capital and home to the flagship campus of the University of Nebraska**; as a result it provides a greater range of offerings than might be expected in a community of its size. Efficient transportation, a stable business environment, advanced health-care technology and an excellent educational system are just a few of the reasons why **Lincoln ranks highly in livability studies.** As described in the pages that follow, Lincoln has significant costs advantages in terms of cost-of-living, wages, space costs and other business costs. **Lincoln's strengths in agriculture and animal sciences and its research centers dedicated to food processing make the city a natural fit for the life sciences and agriculture industries. In particular Lincoln benefits from the significant food science presence at the University of Nebraska-Lincoln (UNL).** Areas of excellence include **bioinformatics, plant genomics, and entrepreneurship**; all central pillars of strong food processing and agriculture industries. A number of local firms stem from research conducted at UNL. In addition, **UNL graduates hundreds of agriculture, agribusiness, engineering and life sciences students per year**—individuals who are ideal professionals for the agricultural products industry.

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Cost Comparisons

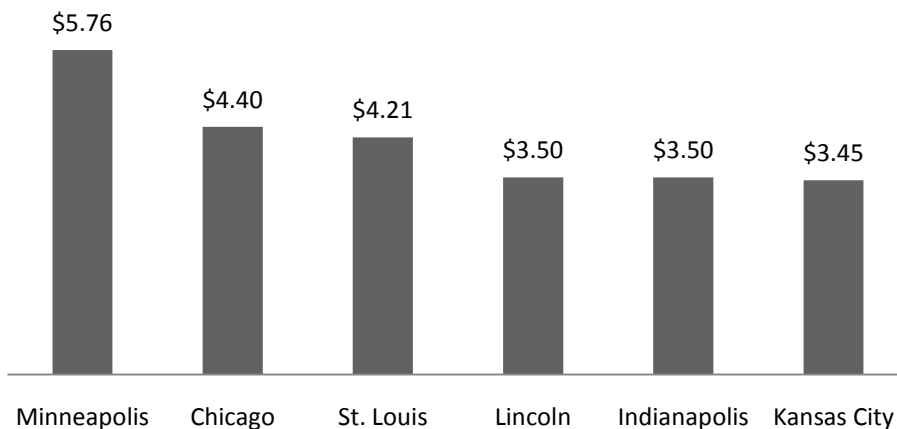
Lincoln's cost of living compares favorably with the comparison metropolitan areas nationwide.¹

Cost of Living Composite Index, Q1 2010



In addition to Lincoln's exceptional amenities and educated workforce, Lincoln has nearly the lowest commercial space costs among comparison metropolitan areas². These particular rent costs refer to modern buildings with space dedicated to research/product development, or buildings in industrial settings with high percentage of office finish.

Annual Rent per Square Foot: Industrial Manufacturing Effective Average, 2009



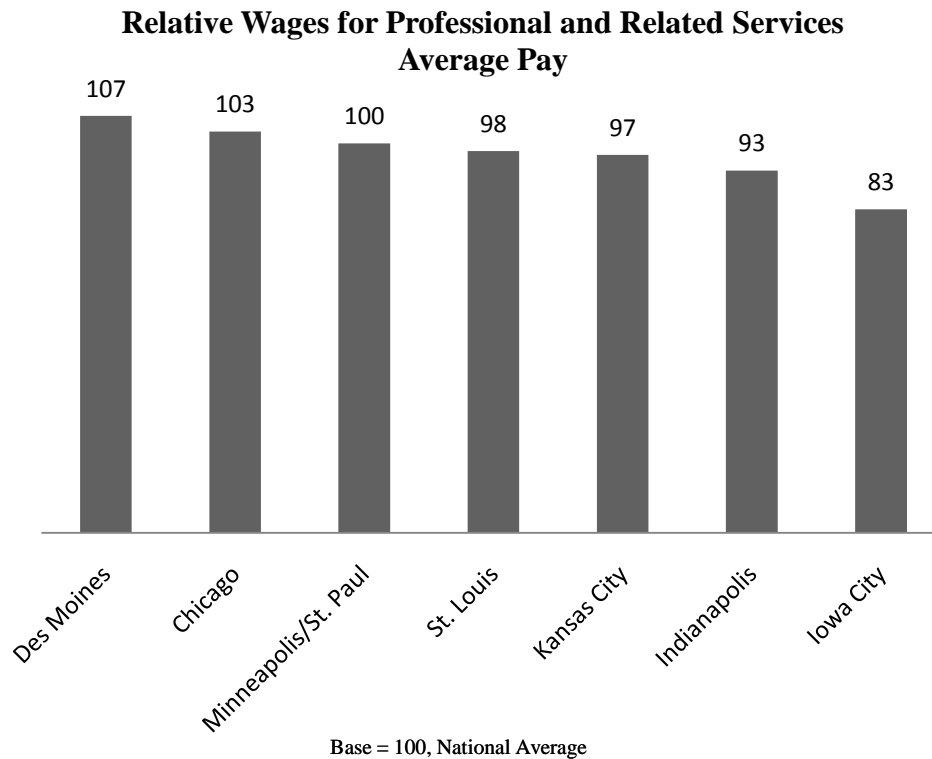
¹Source: Council for Community and Economic Research, "Accra Cost of Living Index, First Quarter 2010." Published May 2010.
Note: Cost of living information not available for Indianapolis, IN.

²Source: NAI Global, <http://www.naidirect.com/mr.aspx>

Note: Industrial manufacturing effective averages not available for Des Moines or Cedar Rapids/Iowa City, IA

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Lincoln also ranks amongst the lowest with regard to relative wage costs.³ This completes a perfect combination of unique amenities, low cost of living, and an attractive business environment through a highly educated workforce, and low costs of commercial space and employment. Finally, Lincoln also has truly unique access to raw materials for food processing. Nebraska and surrounding states are able to supply food processors with the raw materials that make the Midwest, and particularly Lincoln, a logical choice for locating their operations. In addition to being a large corn producing region, Nebraska counties produce much of the country’s beef, wheat, soybeans, and other vital raw materials needed for food processing.



We provide detailed salary information on several life sciences and agriculture occupations on the next page. Cost comparisons for workers compensation costs, average unemployment insurance tax rate on taxable wages, industrial gas average price per million Btu, commercial service average price per kilowatt, right to work, and top state corporate income tax rate can be found on page 5. Lincoln is one of the three lowest cost metro areas among comparison cities for industrial gas average price, and commercial service average price per kilowatt.

³Source: U.S. Bureau of Labor and Statistics.

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Average Annual Salary, Lincoln MSA, 2009

	Annual Salary		
	Entry	Experience	Mean
TOTAL ALL OCCUPATIONS	\$18,200	\$47,365	\$30,960
MANAGEMENT OCCUPATIONS	\$45,950	\$108,915	\$78,420
Industrial Production Managers	\$54,660	\$97,550	\$80,070
Engineering Managers	\$73,105	\$107,245	\$95,725
BUSINESS AND FINANCIAL OPERATIONS OCCUPATIONS	\$34,105	\$62,745	\$49,045
Logisticians	\$47,265	\$77,585	\$64,865
ENGINEERING OCCUPATIONS	\$37,355	\$68,870	\$56,745
Chemical Engineers	\$37,245	\$65,225	\$49,630
Industrial Engineers	\$54,660	\$76,900	\$70,405
LIFE PHYSICAL AND SOCIAL SCIENCE OCCUPATIONS	\$30,515	\$60,175	\$46,205
Chemists	\$36,195	\$59,065	\$47,460
OFFICE AND ADMINISTRATIVE SUPPORT OCCUPATIONS	\$18,705	\$33,770	\$26,910
Material Recording, Scheduling, Dispatching, and Distributing Workers	\$17,215	\$36,090	\$25,270
Production Planning and Expediting Clerks	\$27,205	\$47,420	\$38,820
Shipping Receiving and Traffic Clerks	\$20,545	\$34,210	\$28,325
FARMING OCCUPATIONS	\$15,975	\$38,085	\$29,255
Agricultural Workers	\$16,605	\$35,785	\$26,905
Agricultural Inspectors	\$31,295	\$46,325	\$41,960
INSTALLATION, MAINTENANCE, AND REPAIR OCCUPATIONS	\$25,235	\$46,395	\$37,495
Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	\$23,895	\$41,970	\$35,195
Bus and Truck Mechanics and Diesel Engine Specialists	\$26,170	\$40,620	\$34,450
Industrial Machinery Mechanics	\$40,600	\$51,275	\$48,145
PRODUCTION OCCUPATIONS	\$20,875	\$38,450	\$31,570
First-Line Supervisors/Managers of Production	\$37,405	\$63,930	\$52,485
Assemblers and Fabricators	\$20,620	\$36,655	\$34,130
Meat Cutters and Packers	\$19,675	\$31,090	\$27,325
Plant and System Operators	\$29,180	\$51,535	\$42,715
Machine Setters Operators and Tenders	\$22,100	\$35,680	\$29,040
Inspectors Testers Sorters Samplers and Weighers	\$23,985	\$41,490	\$35,285
Packaging and Filling Machine Operators and Tenders	\$20,910	\$30,660	\$26,930
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	\$18,305	\$45,370	\$34,035
First-Line Supervisors/Managers of Transportation	\$32,900	\$58,060	\$44,745
Motor Vehicle Operators	\$23,770	\$52,270	\$46,125
Industrial Truck and Tractor Operators	\$21,635	\$33,030	\$28,630

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Selected Business Costs for Life Sciences and Agriculture Industry (Three Lowest Cost Metro Areas Listed in Bold)

Metropolitan Area ¹	Workers Compensation costs per \$100 of Manufacturing Payroll 2009 (State Average)	Average Unemployment Insurance Tax Rate on Taxable Wages 2007 (State Average)	Right-to-Work State?	Average Price Industrial Gas/ Million Btu 2007 (State Average)	Av. Price/KWH Industrial Service, Jan 2009 (City)		Top State Corporate Income ² Tax Rate 2010
					75KW, 50mWh	1000KW, 400mwh	
Lincoln	\$3.53	1.7%	Yes	\$7.73	\$0.044	\$0.059	7.81%
Des Moines	\$3.29	1.61%	Yes	\$8.29	\$0.092	\$0.126	12%
Indianapolis	\$2.07	2.8%	No	\$8.18	\$0.060	\$0.065	8.5%
Kansas City	\$3.99	2.2%	No	\$10.68	\$0.047	\$0.058	6.25%
St. Louis	\$3.99	2.2%	No	\$10.68	\$0.040	\$0.041	6.25%
Topeka	\$3.69	1.5%	Yes	\$6.95	NA	NA	7.05%
Cedar Rapids/Iowa City	\$3.29	1.61%	Yes	\$8.29	\$0.047	\$0.055	12%
Chicago	\$5.29	3.7%	No	\$8.72	\$0.092	\$0.126	7.3%
Minnep./St. Paul	\$3.81	1.7%	No	\$7.42	\$0.057	\$0.068	9.8%

¹ For metropolitan areas located in multiple states (Kansas City and St. Louis), we utilize state averages from the state where the metropolitan areas' economic activity is concentrated (Missouri for both).

² Tax that may be eligible for use for credits earned in state incentive program.

Sources: Tax Foundation for corporate tax rates, Lincoln Electric System for industrial electric service rates, and Nebraska Department of Economic Development for workers' compensation costs, unemployment insurance rates, average natural gas prices, and right-to-work.

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Education Resources

Lincoln's Life Sciences and Agriculture sector benefits from the vast array of programs that support the development of a specialized workforce for this industry.

The University of Nebraska-Lincoln (UNL), Union College, Nebraska Wesleyan University, Concordia University, and Doane College all provide biology and chemistry programs. While UNL is certainly the backbone of agricultural and food science research and education in Lincoln, there are many institutions that offer 2-year and 4-year degree programs in this field: **Concordia College, Doane College, Nebraska Wesleyan University, Southeast Community College, and Union College.**

In 2008 alone, the colleges and universities in Lincoln graduate nearly **600 students with bachelor's degrees** in majors related to this sector, another **63 with associate's degrees**, and over **120 with post-graduate degrees**.

Bachelor's Degrees Awarded	Concordia University	Doane College	Nebraska Wesleyan University	Southeast Community College ^A	Union College	UNL
Agricultural Business and Management, General				63		31
Agricultural Economics						25
Agricultural/Biological Engineering and Bioengineering						4
Agricultural Mechanization, General						17
Agriculture, General						10
Agronomy and Crop Science						18
Animal Sciences, General						41
Biochemistry			12			55
Biology/Biological Sciences, General	9	25	25		7	108
Chemical Engineering						22
Chemistry, General	1	1	6		4	12
Foods, Nutrition, and Wellness Studies, General						102
Food Science						10
Horticultural Science						27
Nutrition Sciences						
Range Science and Management						7

A: For SCC degrees awarded are Associates Degrees

Source: <http://nces.ed.gov/collegenavigator/>

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Post Graduate Degrees (M.A. & Ph.D.) Awarded	UNL
Agricultural Economics	3
Agronomy and Crop Science	12
Animal Sciences, General	23
Biochemistry	16
Biology/Biological Sciences, General	20
Chemical Engineering	2
Chemistry, General	13
Foods, Nutrition, and Wellness Studies, General	18
Food Science	10
Horticultural Science	5
Nutrition Sciences	3

Source: <http://nces.ed.gov/collegenavigator/>

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Research and Industry Services

The life science and agriculture industries benefit from research programs at the **University of Nebraska-Lincoln** (UNL). UNL's extensive agricultural-research, life sciences, and food processing infrastructure include:

Agricultural Research Division (ARD)

The Agricultural Research Division is the major research agency of the University of Nebraska's Institute of Agriculture and Natural Resources and is Nebraska's Agricultural Experiment Station. ARD is part of a national network of state agricultural experiment stations at Land Grant Universities across the United States. ARD scientists make important contributions to the state's agriculture, food industries, environment, the well-being of families, and community development.

For more information, see the source of this passage: <http://ard.unl.edu>

Food Processing Center

The Food Processing Center (FPC) at UNL serves to nurture growth and retention, as well as expansion of the food processing industry in Lincoln and surrounding communities. The FPC serves both established businesses and individuals and companies looking to enter the market. In particular, the FPC helps to ensure the successful implementation of new products into the marketplace.

The FPC provides a wide range of vital services:

Business and Market Development: research and evaluation of products, pricing, distribution channels and target markets; strategy development for product introduction, marketing and promotion; and assistance with electronic commerce, expansion planning and exporting.

Product and Process Development: development of concept, prototype and product/process specifications; assistance with line extensions and reformulations, ingredient substitution and quality improvements; scale-up from bench top; and assessment of food safety regulatory issues/requirements.

Pilot Plant Services: processing of fruits and vegetables, bakery items, tortillas and chips, meat and poultry; extrusion, dehydration and packaging technologies; dairy productions and research; and protein separations, purification and scale-up.

Laboratory Services: microbiological analysis, mold isolation and identification, and shelf-life testing; analytical and rapid methods development; nutritional analysis and labeling assistance; sensory evaluation; and food allergen residue analysis.

Specialized Services: Custom Processing Network; Food Entrepreneur Assistance Program; Food Allergy Research and Resource Program; and workshops and seminars.

For more information, see the source of this passage: <http://fpc.unl.edu>

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Food Allergy Research and Resource Program (FARRP)

FARRP is a cooperative venture between the University of Nebraska and more than 50 member companies, more than one dozen staff members and several graduate students. FARRP develops and provides the food industry with credible information, expert opinions, tools, and services relating to allergenic foods. FARRP also provides the agricultural biotechnology industry with credible information, expert opinions, tools, and services relating to novel foods and food ingredients including genetically modified products. FARRP's vital contribution to the food industry includes developing analytical methods for the detection of allergens in food; conducting confidential analysis for the food industry; providing training and consultation for member companies in the areas of allergens, sanitation and food safety protocols; and assisting the food industry and related companies with the regulatory aspects of allergens.

For more information, see the source of this passage: <http://www.farrp.org/>

Industrial Agricultural Products Center (IAPC)

Through this center, created in 1988, UNL scientists are researching and developing new industrial uses for agricultural commodities and exploring potentially profitable new crops. The broad mission of the IAPC is developing uses for agricultural raw materials. One thrust of the center is to turn corn and wheat starch into environmentally and economically promising bioplastics. Center researchers invented a system to produce biodegradable plastics made mostly from starch. The system blends corn or wheat starch with conventional plastic resins.

For more information, see the source of this passage: <http://agproducts.unl.edu>

UNL Center for Biotechnology

The Center has produced leading research on genomics, proteomics, and bioinformatics. The Center promotes research in all aspects of molecular life sciences leading to improvements in agriculture, health care and the environment. The center is supported by the Nebraska Research Initiative funds allocated through the Center for Biotechnology and by funds from the National Science Foundation (EPSCoR Infrastructure grant). Currently there are 7 core facilities at the Center: Genomics, Structural Biology, Flow Spectrometry, Mass Spectrometry, Plant Transformation, Bioinformatics, and Microscopy.

For more information, see the source of this passage: <http://www.biotech.unl.edu>

Midwest Advanced Food Manufacturing Alliance (MAFMA) – Food Science Research Consortium

UNL is part of the Midwest Advanced Food Manufacturing Alliance (MAFMA), an association of leading research university and corporate partners. Its purpose is to expedite the development of new manufacturing and processing technologies for food and related products derived from U.S. produced crops and livestock.

Research scientists in food science and technology, food engineering, nutrition, microbiology, computer sciences, and other relevant areas from 13 leading Midwestern universities, with the support of and in collaboration with, private sector, U.S. food processing companies and their research scientists will conduct the work of the Alliance.

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Funding will be awarded on a competitive basis to university scientists who have obtained matching funds from non-federal sources for specific research projects involving the processing, packaging, storage, and transportation of food products. The close cooperation between corporate and university researchers will assure that the latest scientific advances are applied to the most relevant problems and that any solutions will be efficiently transferred and used by the private sector.

For more information, see the source of this passage: <http://mafma.unl.edu>

Organic Agriculture

Lincoln is home to the Organic Crop Improvement Association (OCIA) International a nonprofit member-owned organization that since 1985 has provided organic certification services to organic farmers, processors and handlers from over 20 countries in North, Central and South America, Europe, Africa and Asia. OCIA's certification process facilitates access to numerous global organic markets including those in Japan, Central America, Europe and Canada.

OCIA also facilitates connections between farmers, researchers, consumers and decision makers, and educates organic producers and local and global communities regarding organic farming and foods. The goals of OCIA's research and education efforts include: promoting the image of organic products; identifying the needs of organic farmers and producers and facilitating the exchange on information; and supporting crop improvement and marketing efforts.

For more information, see the source of this passage: <http://www.ocia.org>

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University of Nebraska Technology Park (NUTP)

The University of Nebraska Technology Park is a joint endeavor of the University of Nebraska, private sector investors and the University of Nebraska Foundation which was established in 1997. The mission of the NUTP is to enhance the transfer of technology from the University to the marketplace, foster interaction between technology businesses and the University, nurture startup and emerging technology firms, and promote technology based economic development in Nebraska.

The NUTP provides the full spectrum of amenities and services for both new and established companies: a successful business incubator program in the Technology Development Center (OTP); office and lab space for lease at highly competitive rates within One Technology Place; and many building sites for additional multi-tenant buildings or stand-alone companies. NUTP allowable land used include: 1) laboratories and related facilities intended for basic and applied research, development of technology based products and services or testing of technology based products and services; 2) facilities intended for production or assembly of products of a technological nature, provided production is supported by on-site research or production development activities; 3) pilot plants in which prototypes production process can be tested and used for assembly of products of a technology nature; 4) corporate, regional and divisional headquarters of technology based or knowledge driven companies or organizations; 5) technology dependent or computer based facilities dedicated to the processing of data or analysis of information, provided that these information services are supported by on-site research or product development; or 6) any other facilities reasonably related to the intended mission of the technology park provided these users are consistent with the use permit approved by the University of Nebraska Technology Park LLC.

The NUTP provides access to university resources, technology transfer assistance, research funding resources, professional office services, and high-speed data services. The business incubator program housed in the **Technology Development Center (TDC)** assists clients in launching new firms. The TDC nurtures start-up and emerging technologies, and helps foster spin-off companies from the University of Nebraska. The TDC tailors a program to fit each company's individual circumstances. Business advisors are also available to assist with day-to-day operational issues. **Between 1997 and 2006, the business incubator helped launch 30 new companies.** NUTP also houses the One Technology Place (OTP) which serves as a multi-tenant facility designed to offer mid-sized companies and TDC graduates room to grow. OTP provides an advantageous location, technical support, redundant fiber optic telecommunications service, an on-site OC -12 Sonet Node, fiber optic interconnectivity of park buildings, an on-site co-location facility for mission critical data storage, a "smart" auditorium available for internet based training, video-conferencing, access to University of Nebraska facilities and a student internship program.

Several companies in the life sciences and agricultural sector are currently located at NUTP. Eide Consulting Group provides contract vaccine development services for the animal health industry. **GeneSeek** is a biotechnology firm that offers ultra high throughput genetic analysis for animals and plants, animal diagnostics, and DNA tests for food product traceability and country of origin labeling. **LNKChemsolutions** has core competencies in nanoparticle and nanofiber R&D for a variety of applications including food, biomedical, and catalysis. Tests and services of **IGENITY DNA**, a part of Merial Limited, provide dairy and beef producers with genetic traits analysis for optimal breeding, management and marketing. **Nature Technology Corporation** is a gene delivery technology company that provides vector and gene transfer systems.

For more information, see the source of this passage: <http://www.nutechpark.com/>

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Nebraska Innovation Campus (NIC)

The NIC is a unique collaboration between the University Nebraska at Lincoln, and State of Nebraska to develop a state-of-the-art innovation and research campus that will produce substantial new public and private investment and a significant number of new high-quality jobs for the state and local economy. In particular the NIC will allow UNL to expand its research capabilities, while improving commercialization of its discoveries.

The NIC is strategically located with excellent access to an interstate, highway, rail service, and two regional airports. The NIC will take advantage of special legislative measures that have created a progressive, pro-business tax climate. The NIC will offer a central location for UNL research. The NIC will serve the dual purpose of providing a flexible space that will house and expand the research of these existing facilities, while promoting interdisciplinary projects. A number of UNL research programs related to life sciences and agriculture have are stronger candidates for greater integration with the private sector including plant sciences, plant transformation, and other agricultural biotechnology as well as food sciences and food safety.

The NIC will have a central conferencing facility well suited for both small and large group meetings and seminars. The facility will include a business incubator, of approximately 20,000 square feet, until larger facilities are constructed on the Campus. This initial-stage business incubator will eventually become the central business development center of the NIC. The NIC will eventually house a state-of-the art business incubation facility, the **Innovation Center**, that will be in the range of 40,000 to 45,000 square feet, include flexible wet and dry laboratories, a clean room and high-bay demonstration space. The Innovation Center will also serve to expand the entrepreneurship and internship programs that are already thriving at UNL— achieved through substantial integration between the NIC and the exceptional education and research programs at UNL.

For more information, see the source of this passage: <http://innovate.unl.edu/>

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Lincoln's Life Sciences and Agriculture Industry

Lincoln's life sciences, food processing, and agriculture industries include companies that develop and manufacture both **human and animal products**, conduct **research and testing**, produce **instruments and controls**, and provide **specialized industry-related services**. In total, Lincoln is home to dozens of life sciences, food processing, and agriculture industry firms. Most of these firms are listed below. Product descriptions and employment estimates are from the Nebraska Manufacturers' Directory.

Food Processors

Affinity Production Co.

Snack foods manufacturing

<http://www.affinitysnacks.com>

Local employment: 50-99

AGP Pet Foods

Pet foods

<http://www.agp.com>

Local employment: 50-99

Archer Daniels Midland (ADM) Co.

Soybean products, specialty food ingredients, including soy meal and oil, animal feed

<http://www.admworld.com>

Local employment: 100-249

Archer Daniels Midland (ADM) Milling

Flour, pancake mix, corn meal

<http://www.admworld.com>

Local employment: 100-249

Arck Foods, Inc.

Deli Hams

<http://www.cedarhollowfoods.com>

Local employment: 35-49

Coffee Roaster

Roasted coffees (packaged & bulk bags)

Local employment: 1-4

Cook's Foods

Ham & pork products

Local employment: 500-749

Corn and More, Inc.

Popcorn, caramel corn, & other flavored popcorn products

<http://www.colbyridge.com>

Local employment: 5-9

Del Gould Meats

Beef, pork, and poultry products for wholesale and retail markets.

<http://www.nesteaks.com>

Local employment: 10-19

Empyrean Ales Brewery

Draft and bottled small batch specialty ales and lagers.

<http://www.telesis-inc.com>

Local employment: 5-9

Fisco, Inc.

Meat processing plant construction, equipment fabrication & installation

Local employment: 20-49

Fisher Foods, Inc.

Meat proteins, powdered beef, milk & eggs

Local employment: 10-19

Garrison Coleman Company

Cheesecakes, cookies & specialty food products

Local employment: 1-4

Gooch Milling Inc

Grain milling

Local employment: 100-149

Gourmet Beef Products Inc

Beef jerky, frozen steaks

Local employment: 1-4

Grain Bin Bread Company

Bakery products

Local employment: 1-4

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Gramma's, Inc.

Jams, jellies, fruit butters & fruit syrups

<http://www.gramasjellies.com>

Local employment: 5-9

Hills Sunflower Seeds

Roasted & salted sunflower seeds

Local employment: 1-4

James Arthur Vineyards

Wine, processed & bottled

<http://www.jamesarthurvineyards.com>

Local employment: 5-9

JP Chocolates

Chocolates

Local employment: 10-19

Kamterter II, LLC

Proprietary product development of vegetable and flower crops; seed enhancement and coating systems; chemical dispersion systems

<http://www.kamterter.com>

Local employment: 10-19

Kemper's Original Red Popcorn

Red popcorn (packaged)

<http://www.libbycreek.com>

Local employment: 1-4

Lincoln Snacks Company

Snack foods including Poppycock, Screaming Yellow Zonkers and Fiddle Faddle & private label brands

<http://www.lincolnsnacks.com>

Local employment: 100-249

Marsland Laboratories LLC

Nutrition for high performance dogs & dogs with Arthritis or Hip Dysplasia

<http://www.amaize.com>

NCIS Deans Foods - Meadow Gold Dairies

Dairy products; bottled waters & juices

<http://www.meadowgold.com>

Local employment: 100-249

Meyer Foods Inc

<http://www.re-meyer.com>

Local employment: 150-199

Meyer Natural Foods

Meat products- natural angus beef

<http://www.meyernaturalangus.com>

MI Industries, Inc.

Dietary & treat products for zoo animals & pets

<http://www.naturesvariety.com>

Local employment: 50-99

Misty's Inc

Seasonings for table use

Local employment: 10-19

NC+ Hybrids

Production, research and sales of pest and herbicide-resistant agricultural seeds

<http://www.nc-plus.com>

Local employment: 20-49

Norland International

Design, mfr, and sales of plastic bottles, bottled water equip, and bottled water products including private label brands

<http://www.norlandintl.com>

Local employment: 20-49

Pharma Chemie, Inc.

Human & companion animal nutritional supplements

<http://www.pharma-chemie.com>

Local employment: 20-49

Purina Mills, Inc.

Liquid cattle feed (hog & cattle concentrates)

<http://www.purina-mills.com>

Local employment: 50-74

Premium Protein

Beef, pork and poultry processing including precooked foods for private labels

<http://www.premiumprotein.com>

Local employment: 100-249

R Bakery

Bread, cookies, & other bakery products

Local employment: 1-4

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R U Nuts Co.

Distributor of bulk & packaged nuts, candy, snack mixes & specialty coffees
Local employment: 10-19

Shuster's Meats

Meat & sausage products; pet foods
Local employment: 5-9

Super Bakes Inc

Frozen doughs & dry baking mixes including organic line
<http://www.raisingdough.com/index.html>
Local employment: 20-49

Universal Cold Storage

Cold storage & dry storage; packaging & labeling of meat products
Local employment: 100-249

US Foods, Llc.

Contract manufacturer of ready-to-eat breakfast cereals; instant & quick-cooking food ingredient grains
<http://www.u-s-foods.com>
Local employment: 100-249

Valley Ice Company

Ice (block & cubes)
Local employment: 10-19

Weaver Potato Chip Llc

Potato chips, tortilla & corn chips, extruded snack products
http://www.affinitysnacks.com/potato_chips.htm
Local employment: 50-74

R&D in Life Sciences & Agriculture

Benchmark Biolabs

Contract vaccine, biological, and intermediates development
www.benchmarkbiolabs.com
Local employment: 50-74

GeneSeek Inc.

Contract animal DNA sequencing and genotyping
www.geneseek.com
Local employment: 10-19

Heinke Technology Inc.

Plastic products for pharmaceutical and medical use
www.htiplastics.com
Local employment: 100-199

Holland Scientific

Plant canopy sensor specifically designed to measure plant biomass under any illumination condition
<http://www.hollandscientific.com>
Local employment: 1-4

Inverse Technology Inc.

Neuromuscular and physical therapy equipment
www.protronics.com
Local employment: 10-19

Li-Cor Inc.

Proteomics, genomics, environment and agricultural instruments
<http://bio.licor.com>
Local employment: 150-199

LNKchemsolutions, Inc.

Nanoparticles for toxicology, encapsulation, and tissue engineering
www.lnkchemsolutions.com
Local employment: 1-4 employees

MDS Pharma Services Inc.

Phase I clinical and pharmaceutical evaluation
www.mdsp.com
Local employment: 500-749

NanoBugs Inc.

Microbiology/Virology animated teaching flashcards
www.nanobugs.com
Local employment: 1-4

A Profile of Lincoln's Life Sciences and Agriculture Industry Cluster

Nature Technology Inc.

DNA vector design and construction

www.natx.com

Local employment: 5-9

Novartis Consumer Health Inc

Human OTC pharmaceuticals

www.novartisconsumerhealth.com

Local employment: 400-499

Pfizer Global Manufacturing

Veterinary and animal health pharmaceuticals

www.pfizer.com

Local employment: 500-999

Precision Machine Company, Inc.

Agricultural & animal research lab equipment

<http://www.pmcinc.biz>

Local employment: 10-19

Stanley Senior Technologies Inc.

Alarm and door monitoring systems for the health industry

www.seniortechnologies.com

Local employment: 200-299

Teledyne ISCO Inc.

Environmental monitoring and chemical analysis instruments

www.isco.com

Local employment: 200-499