



Industry Spotlight

CLEX - Warehousing and Logistics

Greater Lexington Bluegrass Alliance Region



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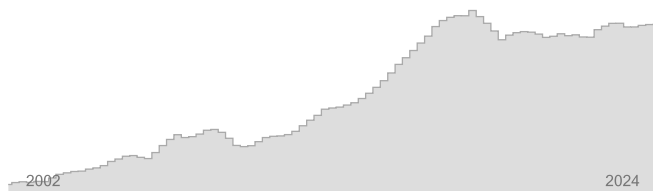
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Spotlight Summary

CLEX - Warehousing and Logistics
Greater Lexington Bluegrass Alliance Region – 2024Q1

EMPLOYMENT



24,437

Regional employment / 11,988,296 in the nation

WAGES



\$60,037

Avg Wages per Worker / \$76,583 in the nation

1.3% ↑

Avg Ann % Change Last 10 Years / +1.6% in the U.S.



6.3%

% of Total Employment / 7.3% in the U.S.

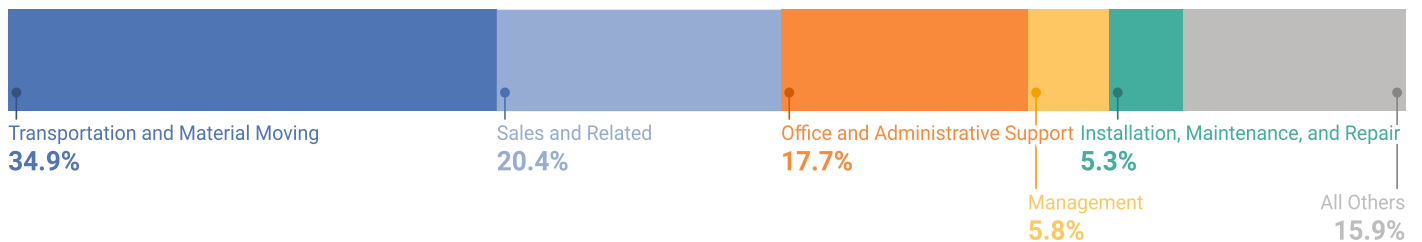


3.3% ↑

Avg Ann % Change Last 10 Years / +3.0% in the U.S.



TOP OCCUPATION GROUPS



TOP INDUSTRIES

Avg Ann % Change in Employment, Last 10 Years

-0.3% ↓



Warehouse Clubs and Supercenters

2.8% ↑



General Warehousing and Storage

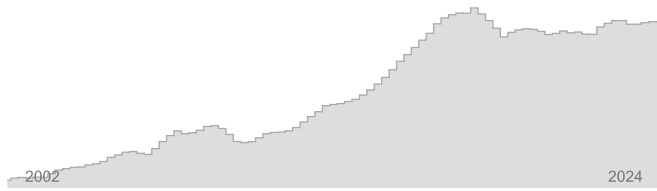
-0.7% ↓



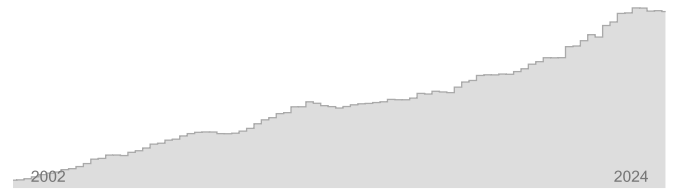
Pharmacies and Drug Retailers

Industry Snapshot


EMPLOYMENT



WAGES

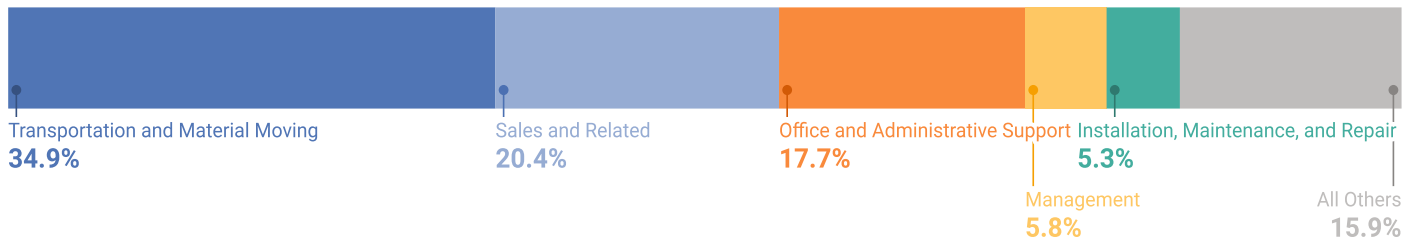


6-Digit Industry	Empl	Avg Ann Wages	LQ	5yr History	Annual Demand	Forecast Ann Growth
Warehouse Clubs and Supercenters	5,536	\$33,572	1.44		803	-0.2%
General Warehousing and Storage	3,855	\$46,390	0.95		510	1.0%
Pharmacies and Drug Retailers	1,602	\$44,738	0.90		168	-0.6%
General Freight Trucking, Long-Distance, Truckload	1,469	\$66,420	1.03		164	0.8%
Postal Service	1,260	\$64,805	0.88		92	-0.9%
Wholesale Trade Agents and Brokers	741	\$104,523	0.60		70	0.0%
Furniture Merchant Wholesalers	708	\$84,688	5.84		70	-0.3%
Industrial Machinery and Equipment Merchant Wholesalers	691	\$86,234	0.86		63	-0.5%
Metal Service Centers and Other Metal Merchant Wholesalers	647	\$74,771	2.10		68	0.4%
Freight Transportation Arrangement	606	\$78,064	0.93		66	0.9%
Remaining Component Industries	7,323	\$73,478	0.66		740	-0.2%
CLEX - Warehousing and Logistics	24,437	\$60,037	0.87		2,819	0.0%

 Employment is one of the broadest and most timely measures of a region's economy. Fluctuations in the number of jobs shed light on the health of an industry. A growing employment base creates more opportunities for regional residents and helps a region grow its population.

 Since wages and salaries generally compose the majority of a household's income, the annual average wages of a region affect its average household income, housing market, quality of life, and other socioeconomic indicators.

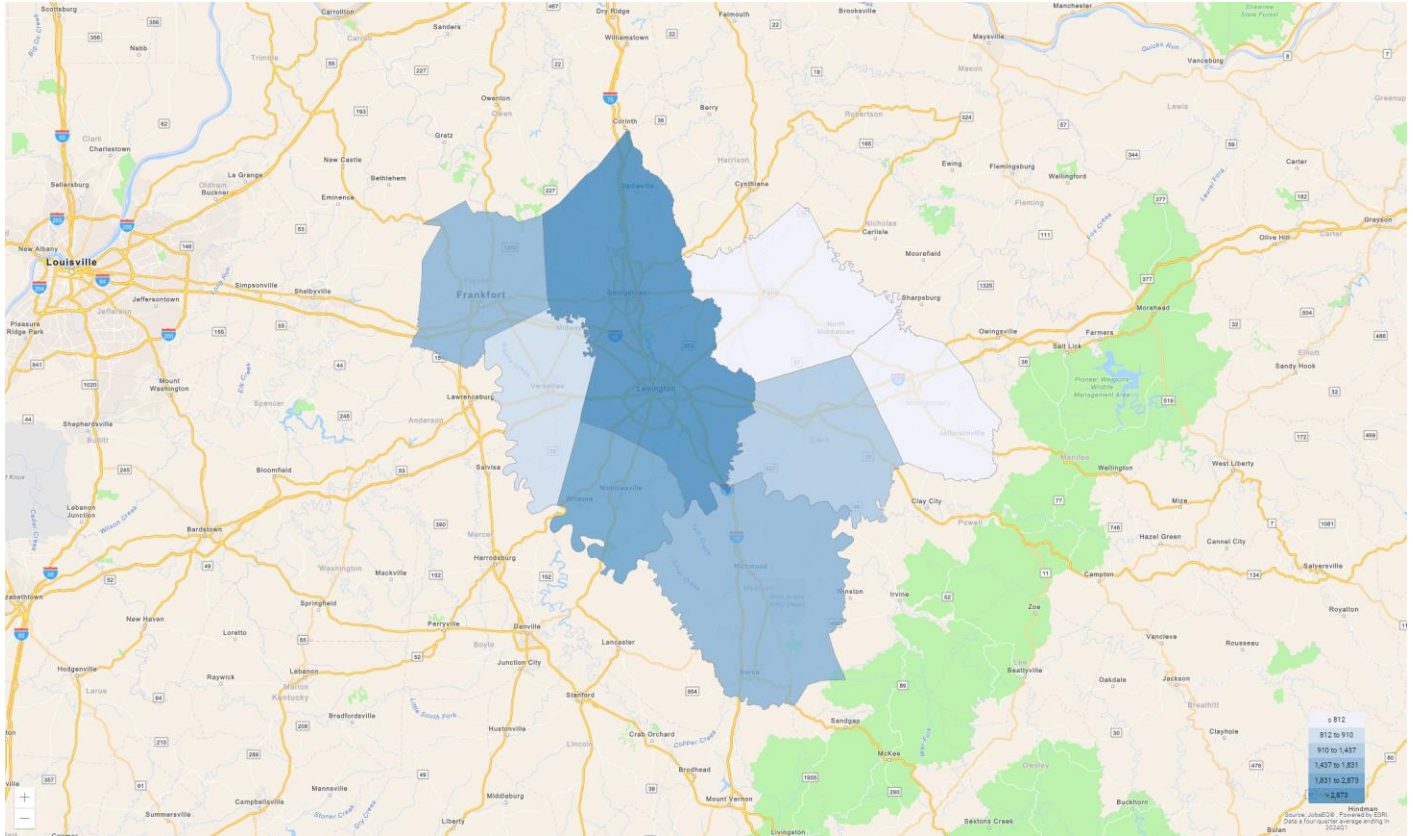
Staffing Pattern



6-digit Occupation	Empl	Avg Ann Wages	Annual Demand
Stockers and Order Fillers	3,023	\$40,000	507
Laborers and Freight, Stock, and Material Movers, Hand	1,733	\$41,300	242
Heavy and Tractor-Trailer Truck Drivers	1,571	\$58,000	180
Cashiers	1,395	\$28,300	241
Retail Salespersons	1,258	\$35,700	177
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	1,026	\$76,400	89
Customer Service Representatives	805	\$40,600	97
General and Operations Managers	773	\$99,700	62
Industrial Truck and Tractor Operators	767	\$48,800	78
Pharmacy Technicians	742	\$41,500	70
Remaining Component Occupations	11,306	\$61,600	1,076
Total	24,398		

 The mix of occupations points to the ability of a region to support an industry and its flexibility to adapt to future demand. Industry wages are a component of the cost of labor for regional employers.

Geographic Distribution



Region	Empl	Region	Empl
Fayette County, Kentucky	13,345	Clark County, Kentucky	911
Scott County, Kentucky	2,874	Woodford County, Kentucky	813
Jessamine County, Kentucky	1,832	Bourbon County, Kentucky	766
Madison County, Kentucky	1,789	Montgomery County, Kentucky	671
Franklin County, Kentucky	1,437		

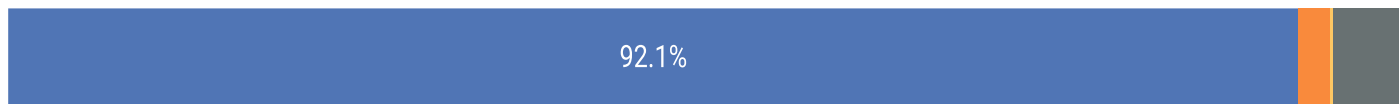
Source: JobsEQ®

 The geographic distribution of industry employment by place of work illustrates the impact on labor force demand and commuting patterns.

Employment Distribution by Type

The table below shows the employment mix by ownership type for CLEX - Warehousing and Logistics for the Greater Lexington Bluegrass Alliance Region. Four of these ownership types — federal, state, and local government and the private sector — together constitute “Covered Employment” (employment covered by the Unemployment Insurance programs of the United States and reported via the Quarterly Census of Employment and Wages).

“Self-Employment” refers to unincorporated self-employment and represents workers whose primary job is self-employment (that is, these data do not include workers whose primary job is a wage-and-salary position that is supplemented with self-employment).



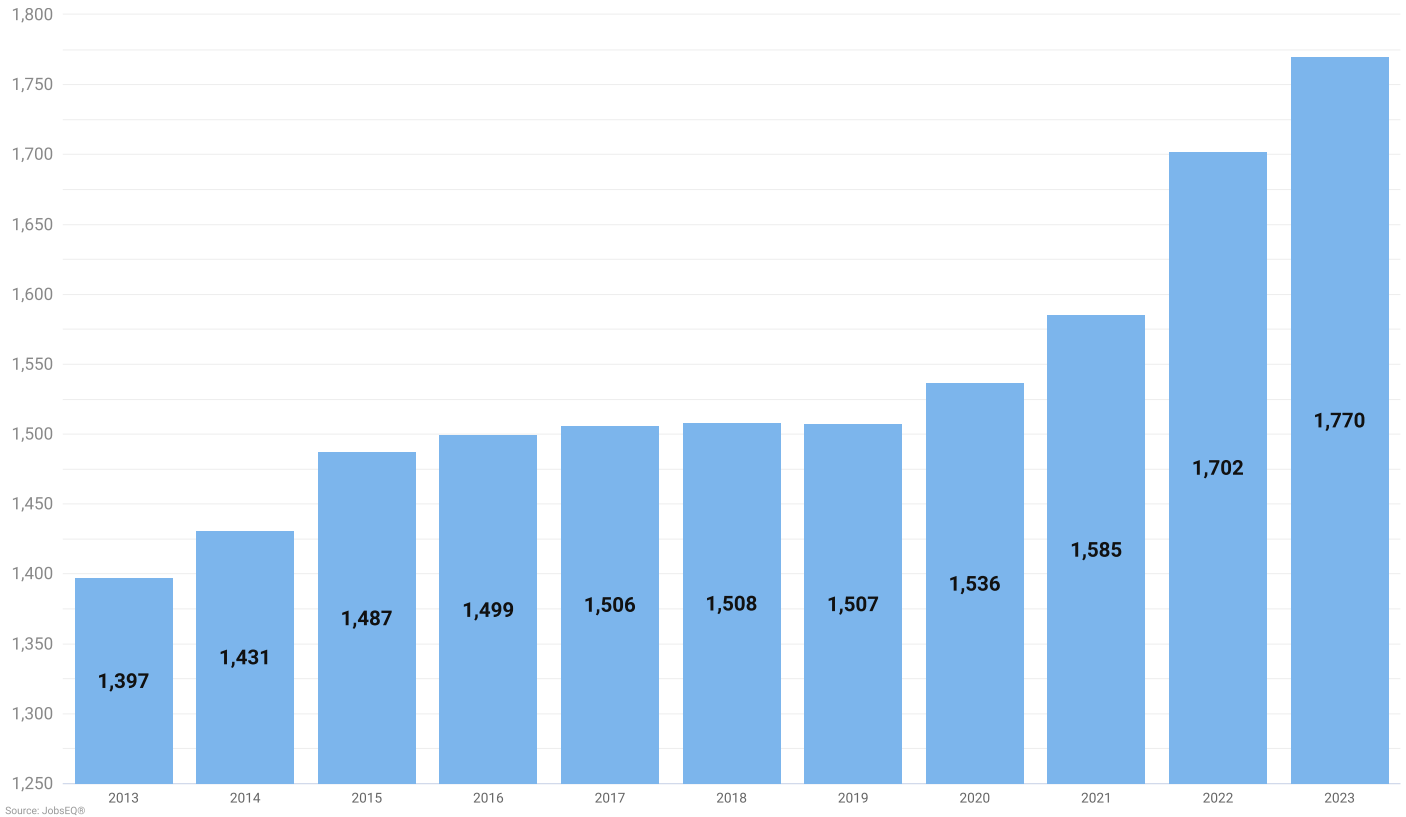
	Empl	%
Private	22,498	92.1%
Self-Employment	547	2.2%
Local Government	56	0.2%
Federal Government	1,240	5.1%
Other Non-Covered	98	0.4%


Source: JobsEQ®

 Strong entrepreneurial activity is indicative of growing industries. Using self-employment as a proxy for entrepreneurs, a higher share of self-employed individuals within a regional industry points to future growth.

Establishments

In 2023, there were 1,770 CLEX - Warehousing and Logistics establishments in the Greater Lexington Bluegrass Alliance Region (per covered employment establishment counts), an increase from 1,397 establishments ten years earlier in 2013.

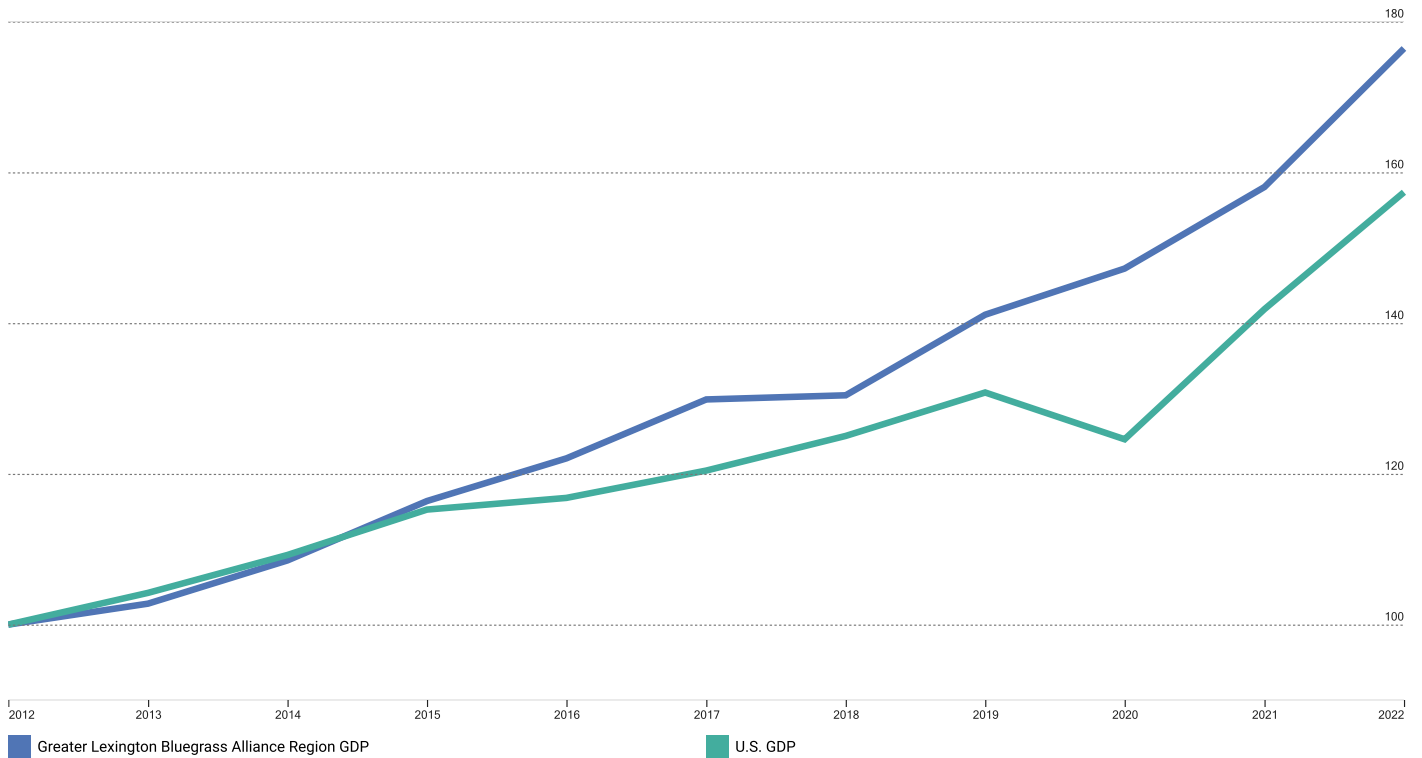


 New business formations are an important source of job creation in a regional economy, spurring innovation and competition, and driving productivity growth. Establishment data can provide an indicator of growth in businesses by counting each single location (such as a factory or a store) where business activity takes place, and with at least one employee.

GDP & Productivity

In 2022, CLEX - Warehousing and Logistics produced \$3.7 billion in GDP for the Greater Lexington Bluegrass Alliance Region.

GDP: Indexed 2012 = 100



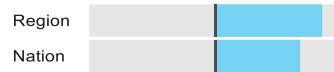
7.8 %

Industry Share of Total GDP /
8.3 % in the nation



5.8 % ↑

Avg Ann % Change Last 10 Yrs /
4.6 % in the nation



\$234k

Output per Worker /
\$288k in the nation




💡 Gross domestic product (GDP) is the most comprehensive measure of regional economic activity, and an industry's contribution to GDP is an important indicator of regional industry strength. It is a measure of total value-added to a regional economy in the form of labor income, proprietor's income, and business profits, among others. GDP values shown on this page are nominal GDP data.

💡 Growth in productivity (output per worker) leads to increases in wealth and higher average standards of living in a region.

Supply Chain: Top Suppliers

As of 2024Q1, CLEX - Warehousing and Logistics in the Greater Lexington Bluegrass Alliance Region are estimated to make \$2.5 billion in annual purchases from suppliers in the United States with about 50% or \$1.3 billion of these purchases being made from businesses located in the Greater Lexington Bluegrass Alliance Region.



6-digit Supplier Industries	Purchases from In-Region (\$M)	Purchases from Out-of-Region (\$M)
Residential Property Managers	\$87.6	\$29.7
Corporate, Subsidiary, and Regional Managing Offices	\$85.4	\$31.1
Offices of Real Estate Agents and Brokers	\$59.3	\$39.5
Petroleum Refineries	\$1.0	\$70.0
Couriers and Express Delivery Services	\$61.1	\$9.5
Remaining Supplier Industries	\$971.8	\$1,076.5
Total	\$1,266.2	\$1,256.3

 Supplier-buyer networks can indicate local linkages between industries, regional capacity to support growth in an industry, and potential leakage of sales out of the region.

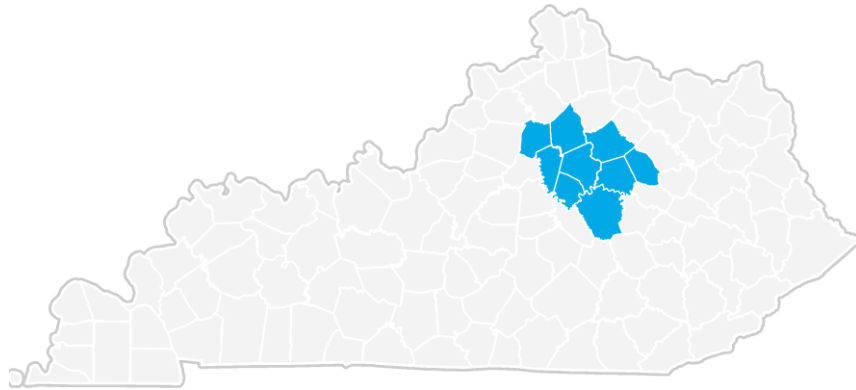
Postsecondary Programs Linked to CLEX - Warehousing and Logistics

Program	Awards
Bluegrass Community and Technical College	
Executive Assistant/Executive Secretary	155
Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	106
Industrial Mechanics and Maintenance Technology/Technician	333
Pharmacy Technician/Assistant	21
Welding Technology/Welder	303
Eastern Kentucky University	
Fashion Merchandising	13
Industrial Safety Technology/Technician	120
University of Kentucky	
Business/Commerce, General	484
Marketing/Marketing Management, General	383
Pharmacy	126

Source: [JobsEQ®](#)

-  The number of graduates from postsecondary programs in the region identifies the pipeline of future workers as well as the training capacity to support industry demand.
-  Among postsecondary programs at schools located in the Greater Lexington Bluegrass Alliance Region, the sampling above identifies those most linked to occupations relevant to CLEX - Warehousing and Logistics. For a complete list see JobsEQ®, <http://www.chmuraecon.com/jobseq>

Greater Lexington Bluegrass Alliance Region Regional Map



Data Notes

- Industry employment and wages (including total regional employment and wages) are as of 2024Q1 and are based upon BLS QCEW data, imputed by Chmura where necessary, and supplemented by additional sources including Census ZBP data. Employment forecasts are modeled by Chmura and are consistent with BLS national-level 10-year forecasts.
- Occupation employment is as of 2024Q1 and is based on industry employment and local staffing patterns calculated by Chmura and utilizing BLS OEWS data. Wages by occupation are as of 2024, utilizing BLS OEWS data and imputed by Chmura.
- GDP is derived from BEA data and imputations by Chmura. Productivity (output per worker) is calculated by Chmura using industry employment and wages as well as GDP and BLS output data. Supply chain modeling including purchases by industry are developed by Chmura.
- Postsecondary awards are per the NCES and are for the 2021-2022 academic year.
- Establishment counts are per the BLS QCEW data.
- Figures may not sum due to rounding.

Industry Definition

CLEX - Warehousing and Logistics is defined as the following NAICS industries:

Code	Description
423210	Furniture Merchant Wholesalers
423220	Home Furnishing Merchant Wholesalers
423410	Photographic Equipment and Supplies Merchant Wholesalers
423420	Office Equipment Merchant Wholesalers
423430	Computer and Computer Peripheral Equipment and Software Merchant Wholesalers
423440	Other Commercial Equipment Merchant Wholesalers
423450	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers
423460	Ophthalmic Goods Merchant Wholesalers
423490	Other Professional Equipment and Supplies Merchant Wholesalers
423510	Metal Service Centers and Other Metal Merchant Wholesalers
423520	Coal and Other Mineral and Ore Merchant Wholesalers
423610	Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers
423620	Household Appliances, Electric Housewares, and Consumer Electronics Merchant Wholesalers
423690	Other Electronic Parts and Equipment Merchant Wholesalers
423810	Construction and Mining (except Oil Well) Machinery and Equipment Merchant Wholesalers
423820	Farm and Garden Machinery and Equipment Merchant Wholesalers
423830	Industrial Machinery and Equipment Merchant Wholesalers
423840	Industrial Supplies Merchant Wholesalers
423850	Service Establishment Equipment and Supplies Merchant Wholesalers
423860	Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers
423910	Sporting and Recreational Goods and Supplies Merchant Wholesalers
423920	Toy and Hobby Goods and Supplies Merchant Wholesalers
423940	Jewelry, Watch, Precious Stone, and Precious Metal Merchant Wholesalers
424110	Printing and Writing Paper Merchant Wholesalers
424120	Stationery and Office Supplies Merchant Wholesalers
424130	Industrial and Personal Service Paper Merchant Wholesalers
424210	Drugs and Druggists' Sundries Merchant Wholesalers
424310	Piece Goods, Notions, and Other Dry Goods Merchant Wholesalers
424340	Footwear Merchant Wholesalers
424350	Clothing and Clothing Accessories Merchant Wholesalers
424440	Poultry and Poultry Product Merchant Wholesalers
424460	Fish and Seafood Merchant Wholesalers
424470	Meat and Meat Product Merchant Wholesalers
424480	Fresh Fruit and Vegetable Merchant Wholesalers
424590	Other Farm Product Raw Material Merchant Wholesalers
424610	Plastics Materials and Basic Forms and Shapes Merchant Wholesalers
424690	Other Chemical and Allied Products Merchant Wholesalers
424710	Petroleum Bulk Stations and Terminals
424720	Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)
424820	Wine and Distilled Alcoholic Beverage Merchant Wholesalers
424910	Farm Supplies Merchant Wholesalers
424920	Book, Periodical, and Newspaper Merchant Wholesalers
424930	Flower, Nursery Stock, and Florists' Supplies Merchant Wholesalers
424940	Tobacco Product and Electronic Cigarette Merchant Wholesalers
424950	Paint, Varnish, and Supplies Merchant Wholesalers
424990	Other Miscellaneous Nondurable Goods Merchant Wholesalers
425120	Wholesale Trade Agents and Brokers

CLEX - Warehousing and Logistics is defined as the following NAICS industries:

Code	Description
455211	Warehouse Clubs and Supercenters
456110	Pharmacies and Drug Retailers
459999	All Other Miscellaneous Retailers
481111	Scheduled Passenger Air Transportation
481112	Scheduled Freight Air Transportation
481211	Nonscheduled Chartered Passenger Air Transportation
481212	Nonscheduled Chartered Freight Air Transportation
481219	Other Nonscheduled Air Transportation
482110	Rail Transportation (non-covered)
484121	General Freight Trucking, Long-Distance, Truckload
484230	Specialized Freight (except Used Goods) Trucking, Long-Distance
485210	Interurban and Rural Bus Transportation
485510	Charter Bus Industry
488111	Air Traffic Control
488119	Other Airport Operations
488190	Other Support Activities for Air Transportation
488210	Support Activities for Rail Transportation
488490	Other Support Activities for Road Transportation
488510	Freight Transportation Arrangement
488991	Packing and Crating
488999	All Other Support Activities for Transportation
491110	Postal Service
493110	General Warehousing and Storage
493120	Refrigerated Warehousing and Storage
493130	Farm Product Warehousing and Storage
493190	Other Warehousing and Storage
532411	Commercial Air, Rail, and Water Transportation Equipment Rental and Leasing
532412	Construction, Mining, and Forestry Machinery and Equipment Rental and Leasing
532420	Office Machinery and Equipment Rental and Leasing
532490	Other Commercial and Industrial Machinery and Equipment Rental and Leasing
561499	All Other Business Support Services
561910	Packaging and Labeling Services

Region Definition

Greater Lexington Bluegrass Alliance Region is defined as the following counties:

Bourbon County, Kentucky

Clark County, Kentucky

Fayette County, Kentucky

Franklin County, Kentucky

Jessamine County, Kentucky

Madison County, Kentucky

Montgomery County, Kentucky

Scott County, Kentucky

Woodford County, Kentucky

FAQ

What is (LQ) location quotient?

Location quotient is a measurement of concentration in comparison to the nation. An LQ of 1.00 indicates a region has the same concentration of an industry (or occupation) as the nation. An LQ of 2.00 would mean the region has twice the expected employment compared to the nation and an LQ of 0.50 would mean the region has half the expected employment in comparison to the nation.

What is annual demand?

Annual demand is a of the sum of the annual projected growth demand and separation demand. Separation demand is the number of jobs required due to separations—labor force exits (including retirements) and turnover resulting from workers moving from one occupation into another. Note that separation demand does not include all turnover—it does not include when workers stay in the same occupation but switch employers. Growth demand is the increase or decrease of jobs expected due to expansion or contraction of the overall number of jobs.

What is the difference between industry wages and occupation wages?

Industry wages and occupation wages are estimated via separate data sets, often the time periods being reported do not align, and wages are defined slightly differently in the two systems (for example, certain bonuses are included in the industry wages but not the occupation wages). It is therefore common that estimates of the average industry wages and average occupation wages in a region do not match exactly.