Kansas Labor Market Data

Angela White LMIS Director



What is Labor Market Information Services?

- LMIS is a statistical branch of KDOL Collect, analyze, and report data to enhance economic well-being of Kansans
- Serve federal government, state agencies, educational institutions, employers, students, job-seekers, legislators, etc.
- Consists of 4 units:
 - Economic Analysis Unit
 - Employment and Wages Unit
 - Occupational Statistics Unit
 - Special Projects Unit



Where Can I Find LMIS Information Services?

LMIS Home page: https://klic.dol.ks.gov/





Monthly Labor Report

Occupational Information

Industry Information

Labor Force and Unemployment Rate **Publications**

High Demand
Occupations

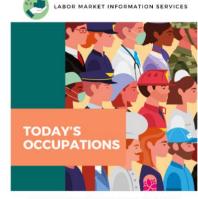
Kansas Career Posters

Tools, Help, and Other Resources



Finding the right career can be challenging. Whether you are just getting started in your career exploration journey or you already know where you are headed, we've got several resources compiled in one convenient place that will put you on the road to success!





A COLLECTION OF HIGH DEMAND, HIGH WAGE OCCUPATIONS REQUIRING LESS THAN A BACHELOR'S DEGREE

700

Connect With Us!



Want to stay up to date on the latest news and data products LMIS has to offer? Check out our latest newsletter and be sure to join our mailing list!



Have a question or a special data request? Feel free to contact us at KDOL.Laborstats@ks.gov.



Let us know how we are doing by filling out our short survey! LMIS Survey













Labor Market Information Services Data

Quarterly Census of Employment and Wages

- Average employment and establishment counts by area, industry or size class
- Average weekly and annual wages

<u>Local Area Unemployment</u> <u>Statistics</u>

- Civilian Labor Force
- Employment
- Unemployment
- Unemployment Rate

<u>Census of Fatal Occupational</u> <u>Injuries</u>

- Occupations with the largest number of worker fatal injuries
- Fatal occupational injuries by industry and occupation
- Fatal occupational injuries by location

Occupational Employment and Wage Statistics

- Annual & hourly wage estimates by occupation including the average, 10th, 25th, 50th (median), 75th, and 90th percentiles
- Employment estimates by occupation

Current Employment Statistics

- Nonfarm employment by industry
- Hours worked & earnings by industry

Occupational Safety and Health Statistics

- Injuries and illnesses by occupation
- Injuries and illnesses by event, nature, and part of body
- Distribution of injuries and illnesses by race and gender
- Median days away from work due to injuries and illnesses

Other Data and Publications

- High Demand Occupations
 - Typical education, work experience, and job training needed for entry
- 2-year and 10-year Outlook
 - Projected openings by occupation, including replacement needs and openings due to growth
- Kansas Economic Report
- Affirmative Action Report
- Disability Report
- Aggregated Advertised Jobs Data
- Interactive Data Dashboards
- Monthly newsletter (sign up for constant contact!) with special report highlighting LMIS data and products

LMIS One-Stop Report (ks.gov)

Occupational Employment and Wages (OEWS)

Employment and wage estimates for approximately 830 occupations based on a survey of <u>Kansas</u> business establishments (employers)

Sampled once every 3 years at most and usually sent to HR professionals

This program is the only comprehensive source of regularly produced occupational employment and wage rate information for States and the U.S. economy

Data are used:

- To establish the fixed employment weights for the Employment Cost Index
- In the calculation of occupational rates for the Survey of Occupational Injuries and Illnesses
- In administering the H1-B visa program administered by ETA's Foreign Labor Certification program
- By MedPAC in research to improve the calculation of Medicare reimbursement rates

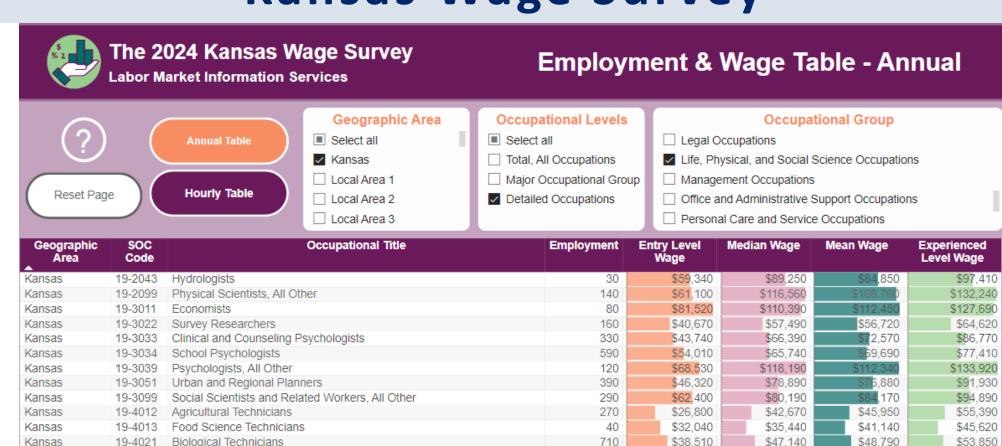


Information on Safety Occupations

SOC for a Safety Consultant can fall into a few different codes depending on the industry they may be consulting in, skill/education level etc.

- 19-5011 Occupational Health and Safety Specialists Review, evaluate, and analyze work environments and design programs and procedures to control, eliminate, and prevent disease or injury caused by chemical, physical, and biological agents or ergonomic factors. May conduct inspections and enforce adherence to laws and regulations governing the health and safety of individuals. May be employed in the public or private sector. Sample of reported job titles: Certified Industrial Hygienist (CIH); Chemical Hygiene Officer; Environmental Health and Safety Officer; Environmental, Health, and Safety Officer (EHS Officer); Industrial Hygienist; Industrial Hygienist Consultant; Safety Consultant; Safety Officer; Safety Specialist
- 19-5012 Occupational Health and Safety Technicians Collect data on work environments for analysis by occupational health and safety specialists. Implement and conduct evaluation of programs designed to limit chemical, physical, biological, and ergonomic risks to workers. Sample of reported job titles: Advisory Industrial Hygienist, Certified Industrial Hygienist (CIH), Construction Safety Consultant, Health and Safety Technician, Industrial Hygiene Consultant, Industrial Hygiene Engineer, Industrial Hygienist, Safety Research Professional
- 17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors Promote worksite or product safety by applying knowledge of industrial processes, mechanics, chemistry, psychology, and industrial health and safety laws. Includes industrial product safety engineers. Sample of reported job titles: Health and Safety Specialist, Industrial Hygienist, Industrial Safety Engineer, Product Safety and Standards Engineer, Product Safety Consultant, Product Safety Engineer, Safety and Health Consultant, Safety Engineer, Service Loss Control Consultant, System Safety Engineer
- 17-2151 Mining and Geological Engineers, Including Mining Safety Engineers Conduct subsurface surveys to identify the characteristics of potential land or mining development sites. May specify the ground support systems, processes, and equipment for safe, economical, and environmentally sound extraction or underground construction activities. May inspect areas for unsafe geological conditions, equipment, and working conditions. May design, implement, and coordinate mine safety programs. Sample of reported job titles: Mine Engineer, Mining Consultant, Mining Engineer, Planning Engineer, Project Engineer, Safety Engineer, Safety Representative

Kansas Wage Survey



340

250

120

170

190

220

870

430

1,140

\$40.820

\$36.810

\$39,420

\$44,310

\$28,070

\$49,480

\$45.850

\$49,880

\$43,660

\$51,190

\$45.840

\$49,550

\$64,030

\$36.750

\$64,940

\$61,690

\$69,540

\$53,560

\$56,590

\$52,500

\$52,790

\$58,620

\$42,210

69.920

62.440

\$75,280

\$58,250

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19-4031

19-4042

19-4043

19-4061

19-4071

19-4092

19-4099

19-5011

19-5012

Chemical Technicians

Social Science Research Assistants

Forensic Science Technicians

Forest and Conservation Technicians

Occupational Health and Safety Specialists

Occupational Health and Safety Technicians

Environmental Science and Protection Technicians, Including Health

Geological Technicians, Except Hydrologic Technicians

Life, Physical, and Social Science Technicians, All Other

\$64.360

\$60,220

\$59,380

\$65,670

\$49,180

\$79,990

\$70.610

\$87,790

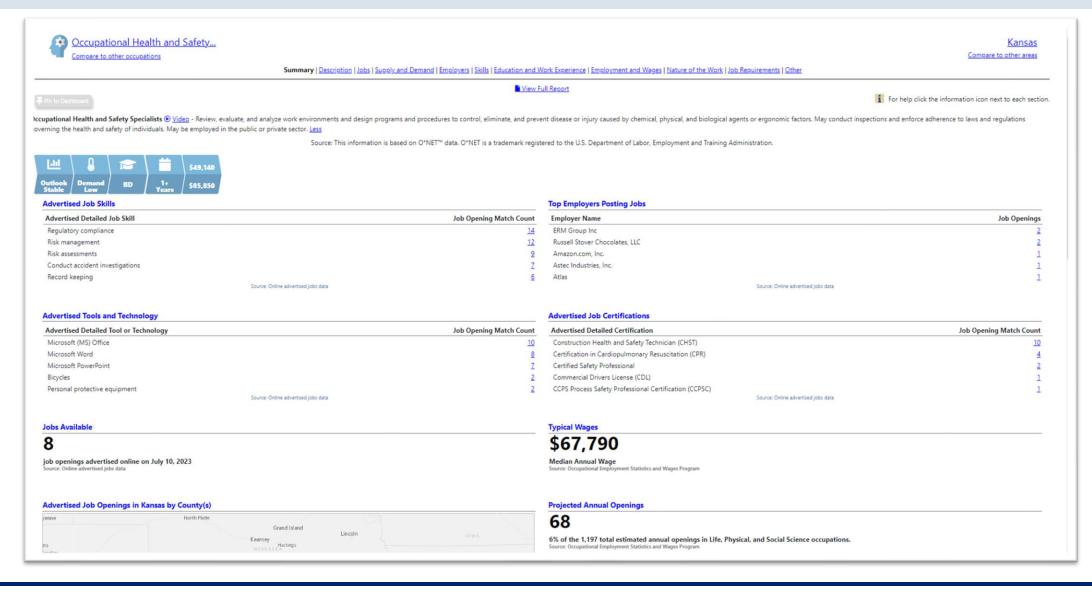
\$65,440

Kansas Wage Survey



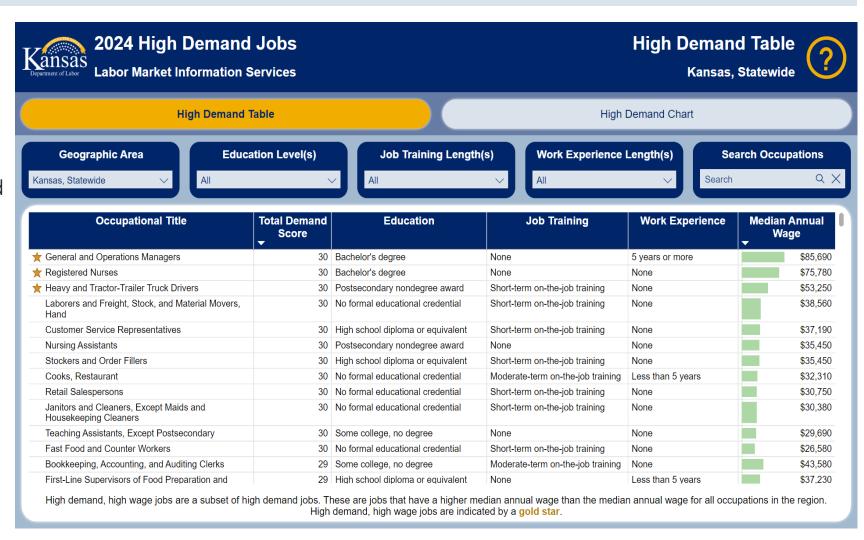
Geographic Area	SOC Code	Occupational Title	Employment	Entry Level Wage	Median Wage	Mean Wage	Experienced Level Wage
wanon county	13-3011	Occupational Fleatiff and Salety Specialists	50	\$05,555	\$00,411	200,773	\$100,455
Montgomery	19-5011	Occupational Health and Safety Specialists	20	\$48,402	\$77,061	\$77,928	\$92,690
Neosho County	19-5011	Occupational Health and Safety Specialists	10	\$40,870	\$61,214	\$59,060	\$68,155
Pottawatomie	19-5011	Occupational Health and Safety Specialists	10	\$54,023	\$78,485	\$78,569	\$90,841
Reno County	19-5011	Occupational Health and Safety Specialists	10	\$44,797	\$71,195	\$72,292	\$86,040
Riley County	19-5011	Occupational Health and Safety Specialists	20	\$53,227	\$73,694	\$73,158	\$83,123
Saline County	19-5011	Occupational Health and Safety Specialists	30	\$47,322	\$62,754	\$69,977	\$81,304
Sedgwick Co	19-5011	Occupational Health and Safety Specialists	200	\$50,543	\$72,465	\$75,229	\$87,572
Seward County	19-5011	Occupational Health and Safety Specialists	20	\$43,149	\$69,541	\$71,719	\$86,004
Shawnee Co	19-5011	Occupational Health and Safety Specialists	100	\$52,027	\$66,518	\$72,779	\$83,155
Wyandotte C	19-5011	Occupational Health and Safety Specialists	70	\$55,381	\$80,795	\$83,334	\$97,311
Kansas	19-5012	Occupational Health and Safety Technicians	430	\$43,660	\$53,560	\$58,250	\$65,440
Local Area 1	19-5012	Occupational Health and Safety Technicians	70	\$38,207	\$49,723	\$54,395	\$62,490
Local Area 2	19-5012	Occupational Health and Safety Technicians	90	\$43,403	\$54,267	\$57,260	\$64,189
Local Area 3	19-5012	Occupational Health and Safety Technicians	150	\$47,240	\$49,295	\$58,505	\$64,137
Local Area 4	19-5012	Occupational Health and Safety Technicians	90	\$45,612	\$58,812	\$62,158	\$70,431
Local Area 5	19-5012	Occupational Health and Safety Technicians	30	\$39,804	\$59,962	\$57,627	\$66,539
North Central	19-5012	Occupational Health and Safety Technicians	30	\$37,682	\$49,725	\$52,988	\$60,641
Northeast	19-5012	Occupational Health and Safety Technicians	90	\$43,403	\$54,267	\$57,260	\$64,189
Kansas City	19-5012	Occupational Health and Safety Technicians	150	\$47,094	\$49,295	\$58,408	\$64,065
Southwest	19-5012	Occupational Health and Safety Technicians	30	\$42,634	\$58,817	\$57,116	\$64,357
On the Onetral	40 5040	Oncompliance I I colling and Onfoto Transmissions		\$44.F00	ACO 040	AC4 700	\$70.000 U

Information on Occupations



High Demand-High Wage Occupations

- High demand occupations are jobs expected to be in greatest demand by employers in Kansas
- The list considers three measures of labor demand: current job openings, projected job openings over the next two years, and projected job openings over the next ten years
- Occupations are considered high wage if the occupation has a median wage greater than the median wage for all occupations in the region
- High Demand data is also available by the Career Clusters designated by the Kansas State Department of Education (KSDE)



High Demand Occupations

High Demand-High Wage Occupations



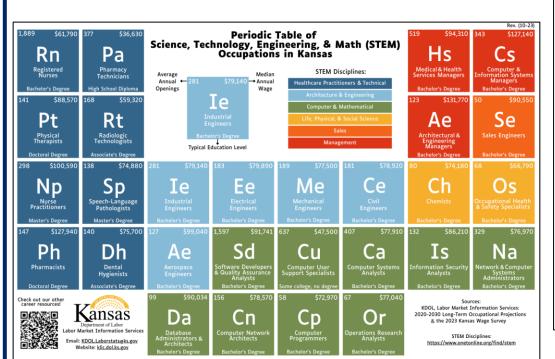
High Demand Occupations Kansas

2024

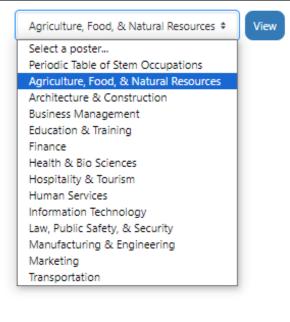
					Total	Median	High			
				Current	Demand	Annual	Demand		Work	
SOC	SOC Title	LT ₁	ST ₂	Openings ₃	Score	Wage ₄	High Wages	Education	Experience	Job Training
11-1021	General and Operations Managers	10	10	10	30	\$85,690	☑	Bachelor's degree	5 years or more	None
29-1141	Registered Nurses	10	10	10	30	\$75,780	☑	Bachelor's degree	None	None
								Postsecondary nondegree		Short-term on-the-job
53-3032	Heavy and Tractor-Trailer Truck Drivers	10	10	10	30	\$53,250	☑	award	None	training
	Laborers and Freight, Stock, and Material Movers,							No formal educational		Short-term on-the-job
53-7062	Hand	10	10	10	30	\$38,560		credential	None	training
								High school diploma or		Short-term on-the-job
43-4051	Customer Service Representatives	10	10	10	30	\$37,190		equivalent	None	training
								Postsecondary nondegree		
31-1131	Nursing Assistants	10	10	10	30	\$35,450		award	None	None
								High school diploma or		Short-term on-the-job
53-7065	Stockers and Order Fillers	10	10	10	30	\$35,450		equivalent	None	training
								No formal educational		Moderate-term
35-2014	Cooks, Restaurant	10	10	10	30	\$32,310		credential	Less than 5 years	on-the-job training
								No formal educational		Short-term on-the-job
41-2031	Retail Salespersons	10	10	10	30	\$30,750		credential	None	training
	Janitors and Cleaners, Except Maids and							No formal educational		Short-term on-the-job
37-2011	Housekeeping Cleaners	10	10	10	30	\$30,380		credential	None	training
25-9045	Teaching Assistants, Except Postsecondary	10	10	10	30	\$29,690		Some college, no degree	None	None
								No formal educational		Short-term on-the-job
35-3023	Fast Food and Counter Workers	10	10	10	30	\$26,580		credential	None	training
										Moderate-term
43-3031	Bookkeeping, Accounting, and Auditing Clerks	10	10	9	29	\$43,580		Some college, no degree	None	on-the-job training
	First-Line Supervisors of Food Preparation and							High school diploma or		
35-1012	Serving Workers	9	10	10	29	\$37,230		equivalent	Less than 5 years	None

Career Posters

- 13 Kansas Career Posters highlight potential career paths across various career clusters
- Every occupation on these posters is currently in high demand in the state of Kansas







Job Openings

- August had over 79,150 full time job openings Statewide
- Data available down to the county level



?

It is important to note that roughly 30% of advertised jobs do not have enough information to classify them with an industry or occupational code. These data are included in the total number of advertised jobs, but are excluded from industry and occupational totals.

Openings by Industry Sector

Statewide

Industry Sector	Openings •
Health Care and Social Assistance	14,847
Educational Services	7,656
Retail Trade	7,342
Manufacturing	6,431
Professional, Scientific, and Technical Services	4,591

Openings by Major Occupational Group

Statewide

Major Occupational Group	Openings
Healthcare Practitioners and Technical Occupations	12,424
Management Occupations	6,657
Sales and Related Occupations	3,803
Office and Administrative Support Occupations	3,325
Transportation and Material Moving Occupations	3,240

Job Openings

Job Openings



Saline

? It is important to note that

Regional Maps

roughly 30% of advertised jobs do not have enough information to classify them with an industry or occupational code. These data are included in the total number of advertised jobs, but are excluded from industry and occupational totals.

Openings by Industry Sector Saline

Julile	
Sector	Openings T
Health Care and Social Assistance	380
Wholesale Trade	239
Retail Trade	226
Educational Services	166
Manufacturing	101
Public Administration	79

2023

October Novem... Decem... January February March

2024

2024

2023

2024

2024

2024

2024

Openings by Major Occupational Group Saline

Major Occupational Group	Openings *
Healthcare Practitioners and Technical Occupations	280
Management Occupations	154
Transportation and Material Moving Occupations	141
Installation, Maintenance, and Repair Occupations	122
Production Occupations	120
Healthcare Support Occupations	07

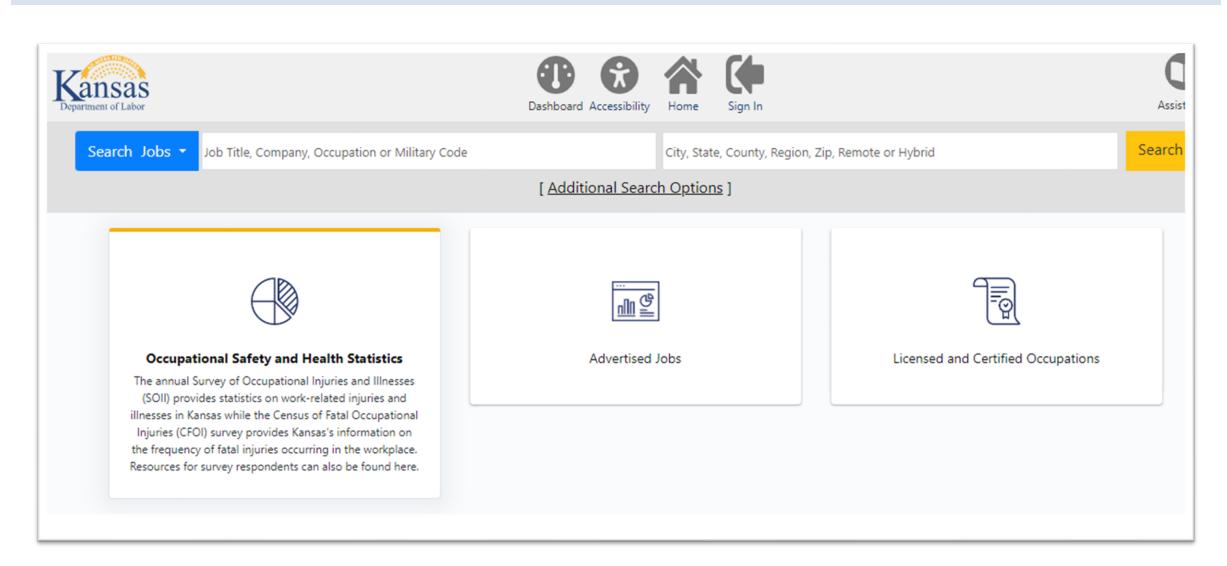
2,985
2,557
1,963
1,405
1,130
880

1.471

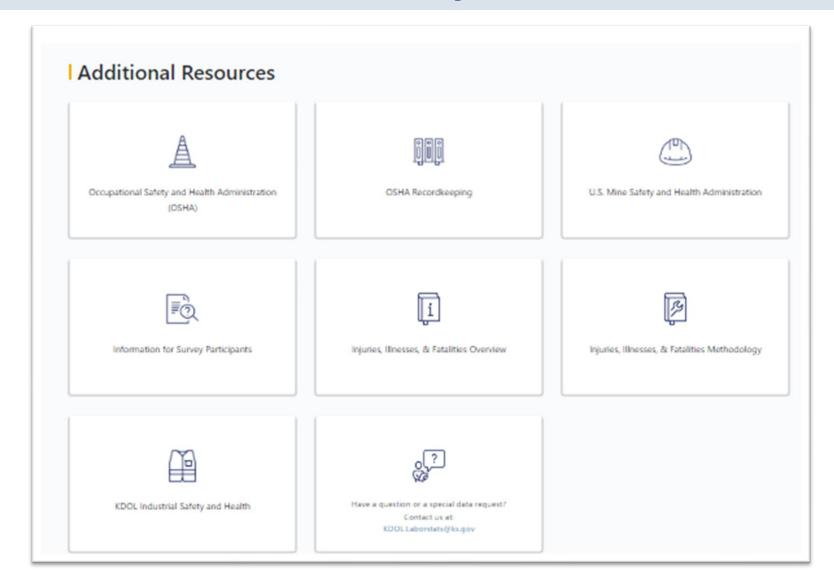
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Major Occupational Group	Openings
Healthcare Practitioners and Technical Occupations	3,434
Management Occupations	1,361
Sales and Related Occupations	830
Production Occupations	814
Office and Administrative Support Occupations	739
Transportation and Material Moving Occupations	665

Job Openings







Survey of Occupational Injuries and Illnesses

- Provides statistics on work-related injuries and illnesses in Kansas.
- Statistics include the number and frequency of injuries and illnesses by industry.
- The survey, conducted in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics (BLS), is designed as a tool for promoting efforts to make Kansas workplaces safer and healthier.
- Each year, randomly selected Kansas business establishments participate in this survey.
 - Individuals that are self-employed, farms with fewer than 11 employees, private households and government agencies are not included in the survey.

Census of Fatal Occupational Injuries

- Provides information on the frequency of fatal injuries occurring in the workplace.
- Fatal injuries occurring in the private and public sectors, the military, the self-employed and certain volunteers are all counted.
- Cross-reference diverse data sources in order to identify and verify that fatality counts are as complete and accurate as possible.
- The program provides workplace fatality data by occupational, industrial, and demographic characteristics in addition to the manner in which the fatal injury occurred.
- The data helps safety and health policy analysts and researchers prevent fatal work injuries.

SOII vs OSHA

Survey of Occupational Injuries and Illnesses

- <u>Purpose</u>: Collects, analyzes, and disseminates statistical data on workplace injuries, illnesses, and fatalities. Used for statistically purposes only.
- <u>Methodology</u>: Uses surveys like the Survey of Occupational Injuries and Illnesses (SOII) to gather data from a representative sample of employers.
- Confidentiality: Ensures that information identifying specific establishments is never released and is used only for statistical purposes1.

Occupational Safety and Health Administration

- <u>Purpose</u>: Enforces workplace safety and health regulations to ensure safe and healthy working conditions.
- <u>Methodology</u>: Conducts inspections and investigations and requires employers to report certain types of injuries and illnesses through the Injury Tracking Application (ITA).
- <u>Enforcement</u>: Has the authority to issue fines and penalties for non-compliance with safety regulations2.

SOII

- Both private and public sectors are sampled. The private receives a mandatory request and the public receives a "please respond" request.
- SOII (Survey of Injuries and Illnesses) Injury reporting follows OSHA guidelines. In scope cases include work related injuries or illnesses requiring care beyond first aid
- SOII injury reporting collections excludes:
 - Work Related Fatalities
 - Self-employed workers
 - Workers on Farms with 10 or fewer employees
 - Private Household workers
 - Volunteers
 - Federal employees
- Sample size is approximately 3,500 per year
- Collection of SOII data is on a CY basis All the companies required to submit their injury/illness data in 2025 were sent a prenotification in 2024 and advised to maintain their logs throughout 2024. This collection of 2024 data will then be submitted when the report request is sent to them in January of 2025.
- For all BLS SOII reporting employers can go to the following web address: https://www.bls.gov/iif/
- For all BLS CFOI reporting employers can go to the following web address: https://www.bls.gov/iif/overview/cfoi.htm

SOII Outputs

- Industry estimates published in SOII Annual Summary (available from 1972)
- Case estimates published in SOII Case & Demographics (available from 1992, and as biennial estimates starting with the 2021-2022 reference period.)
- The Injuries, Illness and Fatalities program publishes two broad categories of outputs based on information provided by employers. Since 1972 BLS has published summary estimates of the number and incidence rate of injuries and illnesses by industry. In 1992, BLS began publishing information on the detailed case circumstances and demographics of the injured or ill worker. These estimates historically covered only cases involving days away from work (DAFW) through 2020.
- For 2011-2019, estimates for detailed case circumstances and worker demographics for cases involving job
 transfer or work restriction (DJTR) were also available from a subset of industry subsectors covered in a pilot
 study. Beginning with reference year 2021, DJTR case details were collected across all industries, and BLS has
 published the first biennial estimates for both DAFW and DJTR for the two-year, 2021-2022 reference period
 (see below for additional details on DJTR collection and estimates). For more on workplace injuries and
 illnesses see our definitions page.

SOII Outputs

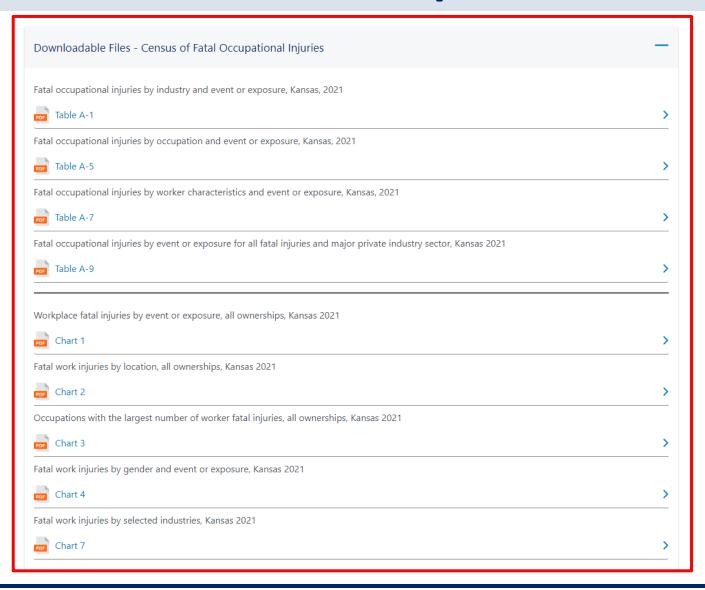


CFOI

Census of Fatal Occupational Injuries (CFOI)

- <u>Purpose</u>: The Census of Fatal Occupational Injuries (CFOI) provides comprehensive, accurate, and timely counts of fatal work injuries in the U.S.
- <u>Data Collection</u>: The CFOI uses multiple sources, such as death certificates, workers' compensation reports, and administrative reports, to identify and verify fatal worker injuries.
- <u>Verification</u>: To ensure accuracy, each case is substantiated with two or more independent sources.
- <u>Usage</u>: The data helps safety and health policy analysts and researchers prevent fatal work injuries.
- Employers can still benefit from the aggregated data and reports published by CFOI. These reports provide valuable insights into trends and patterns in workplace fatalities, which can help employers identify potential hazards and improve safety practices.

CFOI Outputs



Frequently Asked Questions

- Is OSHA electronic reporting the same as the Survey of Occupational Injuries and Illnesses?
 - No. OSHA's Injury Tracking Application (ITA) is an electronic reporting requirement for establishments developed and maintained by OSHA. The SOII is a survey of establishments administered by BLS for statistical purposes. Some employers may be required to report to OSHA and may also be sampled for participation in the SOII BLS has now implemented the ability for those employers who submitted data to OSHA to use their ITA number which will automatically populate the SOII survey for them.
- Can we submit data to only BLS or OSHA?
 - No. If you receive a mandatory survey from BLS and are required also to provide information to OSHA, you must submit it to both agencies.

Future Enhancements

Quarter 1 2025



Labor Market Information Services (LMIS)

Project Plan

Today's Occupations – Tomorrow's Opportunities (T.O.T.O.) Portal

- LMIS Career Exploration tools for 6th-12th
- Exposure to less commonly discussed occupations
- Resources for students, educators and parents
- Data-driven tools using KS data
- 2025 Q1 planned release

This plan will position Kansas students to make informed career choices, better aligning their skills with state labor market needs, ultimately driving workforce development and economic growth.



TODAY'S OCCUPATIONS, TOMORROW'S OPPORTUNITIES

Finding the right career can be challenging. Whether you are just getting started in your career exploration journey or you already know where you are headed, we've got several resources compiled in one convenient place that will put you on the road to success!



Objectives

- Replace Kansas Career Navigator:
 - Explore job opportunities and make smart choices about their education and training
- Support Kansas Department of Education (KSDE):
 - Help students find career paths that match their strengths and interests
 - Help schools to create quality pathways that prepare students for college and jobs using Kansas LMI data and resources
- Support Governor Kelly's "The Road Ahead" Plan:
 - Focus on education and training
 - Keep skilled workers in Kansas
 - Kansas data by region supports "Framework for Growth"

Objectives (cont.)

- Increase Kansas Career Opportunities/Options
 - Help students explore different jobs in high-demand and high-paying Kansas industries
 - Connect what students learn in school to real-world skills needed for Kansas jobs and higher education
 - Kansas USD's offer 36 Career Pathways covering all 16 Career Clusters
- Facilitate Career Planning and Strengthen State Economy
 - Use Kansas data and TOTO tools to plan for careers based on Kansas labor market information
 - Find jobs that are in high demand in Kansas, making it easier for people to stay and work in the state

Key Components

- T.O.T.O. Website is dedicated to Career Exploration and Planning
 - Primary target 6th 12th grade students, educators, and parents

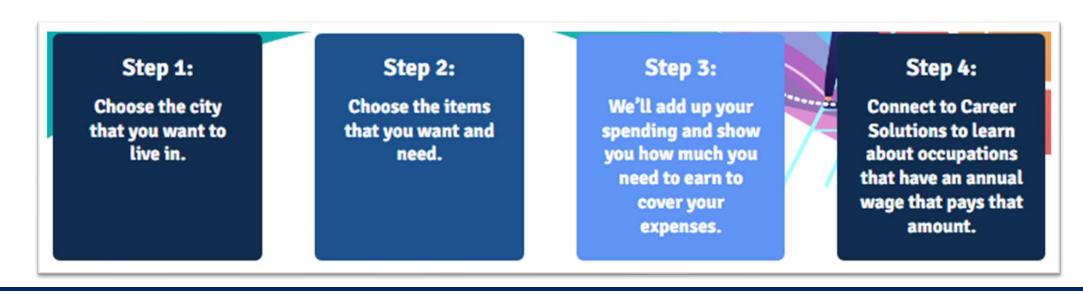


- Two main tools:
 - Wizard of Jobs Road to Reality
 - Determine the income needed to support their desired lifestyle, aiding in career and job selection
 - Virtual Career Center
 - Students explore career interests, skills, and KSDE pathways and integrates labor market data to guide informed decision-making

Wizard of Jobs - Road to Reality Tool

Budget Tool:

- It's a practical tool for guiding students toward financial stability in their future career
- Designed to help students understand how much money they need to earn to afford their wants and needs, helping them make better choices when deciding on jobs and careers. Knowing how much money they need to earn is very important in making employment and career decisions that are right. Here's how it works:



HOUSING

hoose only one or enter your own amount.









Categories:

- Housing
- Utilities
- Food
- Transportation
- Clothing
- Healthcare





806.00











UTILITIES

Select as many as you like. Enter your own amounts









EAT AT HOME

414.00

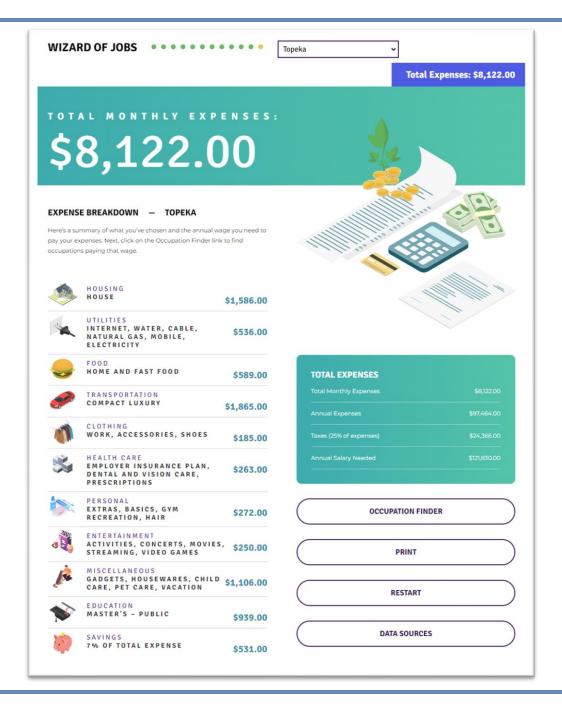




Categories:

- Personal
- Entertainment
- Miscellaneous
- Education
- Savings

- Monthly expense summary of what was chosen and the annual wage you need to pay those expenses
- Change geography to see how the cost-of-living effects salary needs.

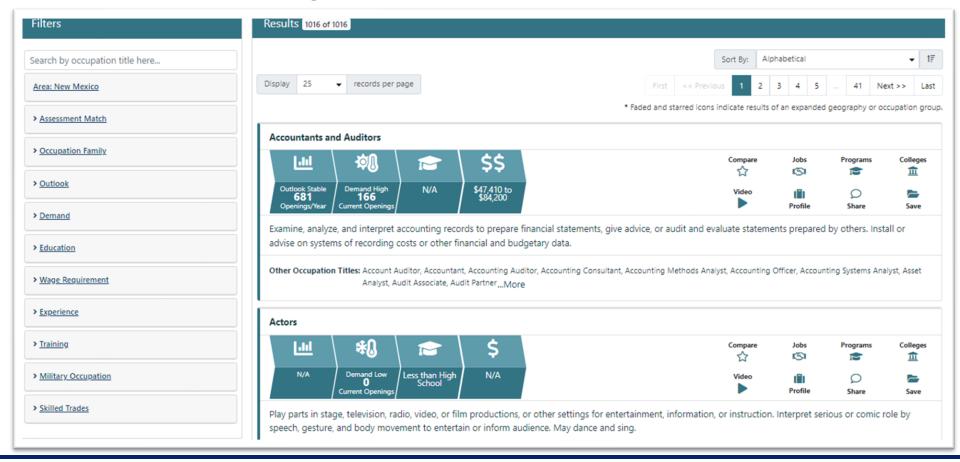




Key Components

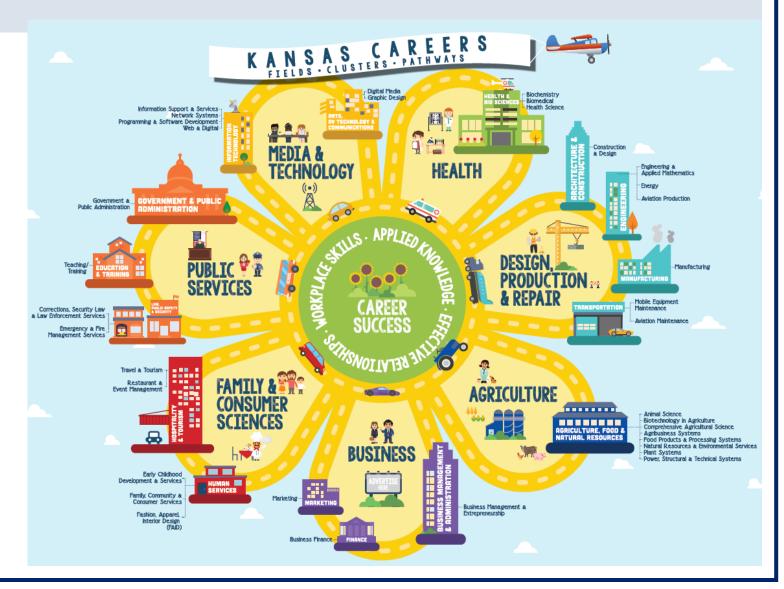
Virtual Career Center

 Students explore career interests, skills, and pathways and integrates labor market data to guide informed decision-making



How is Career Information Organized?

- The Career Clusters and pathways framework is used by KSDE and schools throughout Kansas
 - 16 Career Clusters
 - Helps identify pathways from school to the workplace



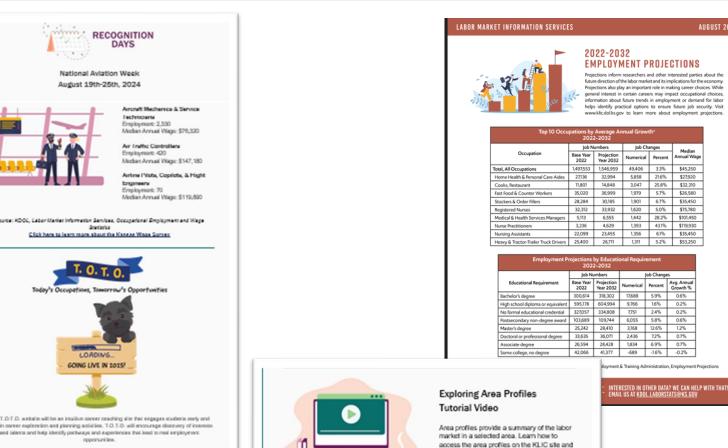
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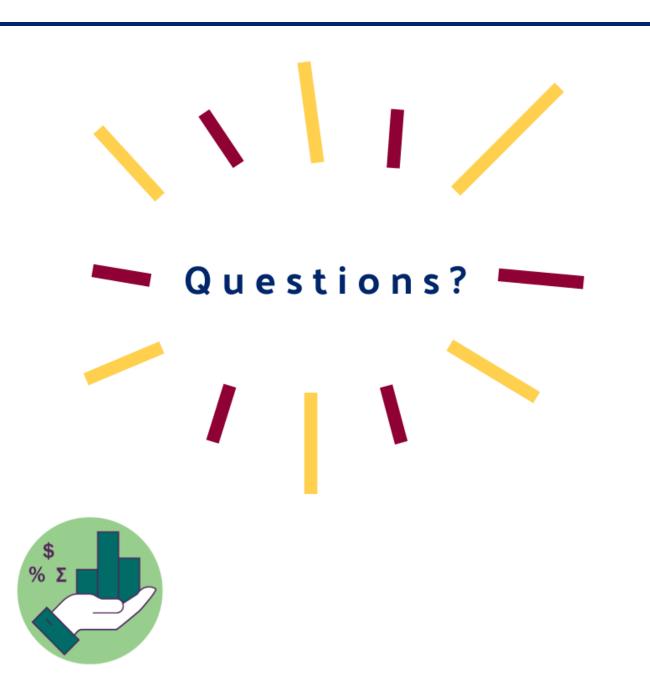
The link to sign up:

https://lp.constantcontactpages.c om/su/V7zZ5oE



the differences between Area Summary and

View on KLIC



Have questions, a special data request, or a suggestion?

Feel free to email us at KDOL.Laborstats@ks.gov

Presentation Feedback



Stay Informed!

