# Labor Market Information

Emergency & Fire Management Services
Pathway Review
Emilie Doerksen, Labor Economist

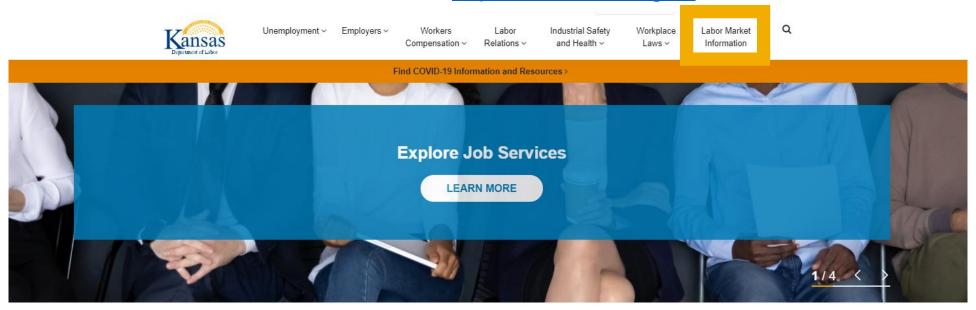


# Labor Market Information Services (LMIS)

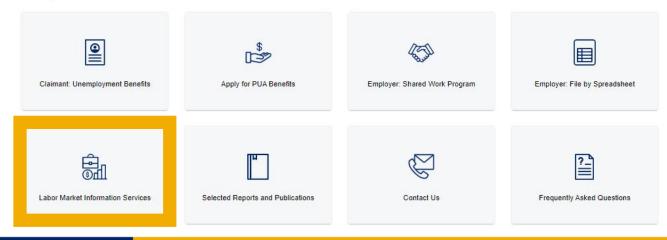
- Statistical branch of KDOL
  - Collect, analyze, and report data to enhance economic well-being of Kansans
- Serve federal government, state agencies, educational institutions, employers, students, job-seekers, legislators, etc.
- LMIS resources for reviewing the Emergency & Fire Management Services Pathway:
  - Kansas Wage Survey
  - Employment projections
  - High demand occupations and High demand high wage occupations
  - Occupation profiles

## Where Can I Find LMIS Information?

1. KDOL Website: <a href="https://www.dol.ks.gov/">https://www.dol.ks.gov/</a>



#### Department of Labor Services



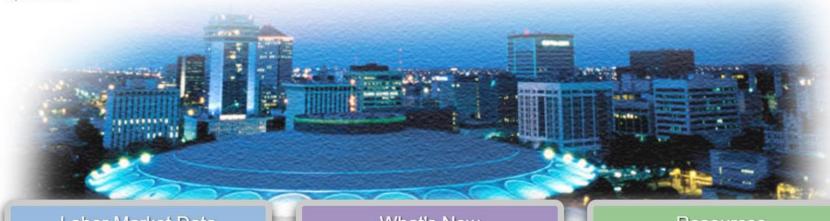
## Where Can I Find LMIS Information?

2. LMIS Homepage: <a href="https://klic.dol.ks.gov/">https://klic.dol.ks.gov/</a>

KANSAS LABOR INFORMATION CENTER

Sign In





#### Labor Market Data

Industry
Income &
Wages
Labor Force
Population

Occupations Employment Outlook Commuting Patterns

LMI Home

#### What's New

2020 Kansas Wage Survey 2020 Kansas Economic Report 2019 Job Vacancy Report Kansas Career Posters Short Term and Long Term Outlook Kansas Safety Statistics Kansas Disability Report

#### Resources

Unemployment Insurance Data
High Demand Occupations
Occupation Report Information
Affirmative Action Report
MWR and ARS Frequently Asked Questions
Data Products Available

Monthly Labor Reports

June 2021

Welcome to the Kansas Labor Information Center (KLIC) KLIC is a powerful job search, career assessment, and labor market information system. KLIC was specifically designed for job seekers, students, employers, training providers, workforce professionals, and others seeking to explore local labor markets in Kansas.

# 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

- The Standard Occupational Classification (SOC) system is used by LMIS and the Bureau of Labor Statistics (BLS)
  - Federal statistical standard used to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data
  - Over 800 detailed occupations
  - 23 major groups detailed occupations with similar job duties, and in some cases skills, education, and/or training, are grouped together



# 2018 SOC Structure

Major Group	Minor Group	Broad Group	Detailed Occupation	
11-0000				Management Occupations
	11-1000			Top Executives
		11-1010		Chief Executives
			11-1011	Chief Executives
		11-1020		General and Operations Managers
			11-1021	General and Operations Managers
		11-1030		Legislators
			11-1031	Legislators
	11-2000			Advertising, Marketing, Promotions, Public Relations, and Sales Managers
		11-2010		Advertising and Promotions Managers
			11-2011	Advertising and Promotions Managers
		11-2020		Marketing and Sales Managers
			11-2021	Marketing Managers
			11-2022	Sales Managers
		11-2030		Public Relations and Fundraising Managers
			11-2032	Public Relations Managers
			11-2033	Fundraising Managers
	11-3000			Operations Specialties Managers
		11-3010		Administrative Services and Facilities Managers
			11-3012	Administrative Services Managers
			11-3013	Facilities Managers
		11-3020		Computer and Information Systems Managers
			11-3021	Computer and Information Systems Managers

# Emergency & Fire Management Services Pathway



# **Emergency & Fire Management Services Pathway**

Major Group	<b>Occupation Code</b>	Occupation Title	KS Career Pathway
Healthcare Practitioners and		Emergency Medical Technicians and	Emergency & Fire
Technical Occupations	29-2040	Paramedics	Management Services
Protective Service Occupations		First-Line Supervisors of Firefighting and	Emergency & Fire
	33-1021	Prevention Workers	Management Services
			Emergency & Fire
	33-2011	Firefighters	Management Services
			Emergency & Fire
	33-2021	Fire Inspectors and Investigators	Management Services
		Forest Fire Inspectors and Prevention	Emergency & Fire
	33-2022	Specialists	Management Services
Office and Administrative			Emergency & Fire
Support Occupations	43-5031	Public Safety Telecommunicators	Management Services
Transportation and Material		Ambulance Drivers and Attendants,	Emergency & Fire
Moving Occupations	53-3011	Except Emergency Medical Technicians	Management Services

# Kansas Wage Survey

Occupational Employment and Wage Statistics (OEWS)



# What is the Kansas Wage Survey?

- The Kansas Wage Survey is compiled using results from a semi-annual survey conducted by the Occupational Employment and Wage Statistics (OEWS) program
  - Sample-based survey
  - Asks employers to provide data regarding occupational employment and wages for their establishment
- Wage data includes annual and/or hourly estimates
- Estimates available for Kansas, MSAs, Local Areas,
   Projection Regions, and Counties

# Kansas Wage Survey, 2021 Edition Emergency & Fire Management Services Career Pathway

Occupation			Mean (Average)	Median (Middle)
Code	Occupation Title	<b>Employment</b>	Annual Wage	Annual Wage
33-2011	Firefighters	3,440	\$37,819	\$34,656
29-2040	Emergency Medical Technicians and Paramedics	2,580	\$31,484	\$29,443
	First-Line Supervisors of Firefighting and Prevention			
33-1021	Workers	1,190	\$61,618	\$58,058
43-5031	Public Safety Telecommunicators	1,120	\$35,411	\$34,790
33-2021	Fire Inspectors and Investigators	80	\$57,671	\$52,709
	Ambulance Drivers and Attendants, Except			
53-3011	Emergency Medical Technicians	60	\$25,037	\$25,968
33-2022	Forest Fire Inspectors and Prevention Specialists	*	*	*

<sup>\*</sup> Confidential

Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Occupational Employment and Wage Statistics (OEWS)

# Additional Data Available on KLIC

- Estimates for different levels of geographic detail:
  - Kansas, MSAs, Local Areas, Projection Regions, and Counties
- Annual and hourly wage estimates:
  - Mean (average) and Median (middle)
  - Entry level mean of the lower third of the population
  - Experienced level mean of the upper two-thirds of the population
  - 10th, 25th, 75th, and 90th percentile

# Where Can I Find the Kansas Wage Survey?

- 1. LMIS Homepage: https://klic.dol.ks.gov/
- Select "2021 Kansas Wage Survey"

# What's New

2021 Kansas Wage Survey

2020 Kansas Economic Report

2019 Job Vacancy Report

Kansas Career Posters

Short Term and Long Term Outlook

Kansas Safety Statistics

Kansas Disability Report

# Where Can I Find the Kansas Wage Survey?

3. Download Excel file with employment and wage data for all occupations in the selected area

#### 2021 Kansas Wage Report

For assistance in completing the Job Title and Wage Request (Occupational Employment and Wage Report) please <u>click here</u> to be directed to the Occupational Resource page.

The 2021 Kansas Wage Survey is compiled using results from a semi-annual survey conducted by The survey is sample-based and asks employers to provide data regarding occupational employs wage (annual and/or hourly) and employment data for most occupations in the state, its metro quality criteria, the Labor Market Information Division cannot produce estimates for every occupation are the most recent data available.

Select an area group below to download the wage file for those areas:

<u>Statewide</u>

Local Areas

**Projection Regions** 

Metropolitan Statistical Areas / Balance of State

Counties

#### Excel files include:

- Employment
- Hourly/Annual Wage
  - Median
  - Mean
  - Entry Level
  - Experienced Level

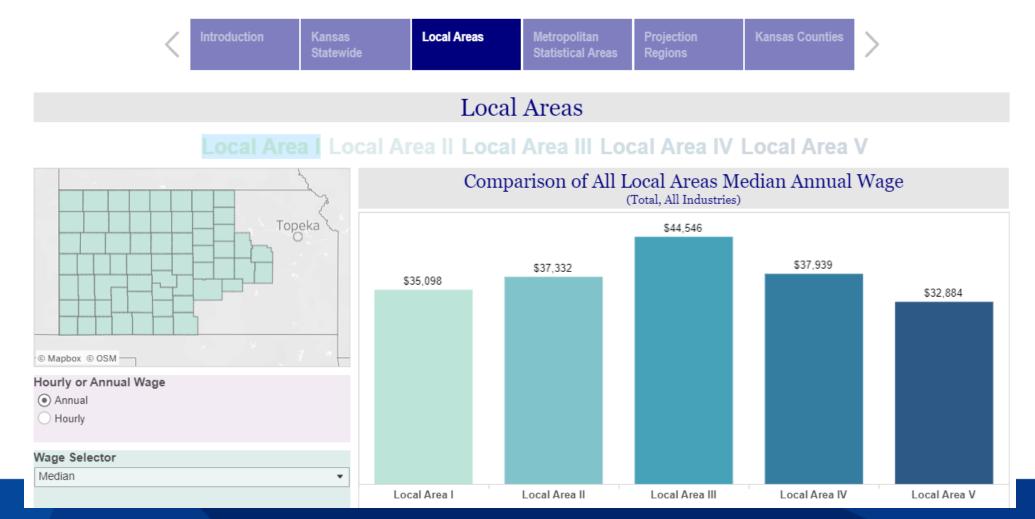
VS) program. ail estimated entiality and

and wages

### Interactive Data Visualizations

https://public.tableau.com/app/profile/kdol

#### The 2021 Kansas Wage Survey



# Employment Projections

Short-term (2 year) and long-term (10 year) occupational outlook

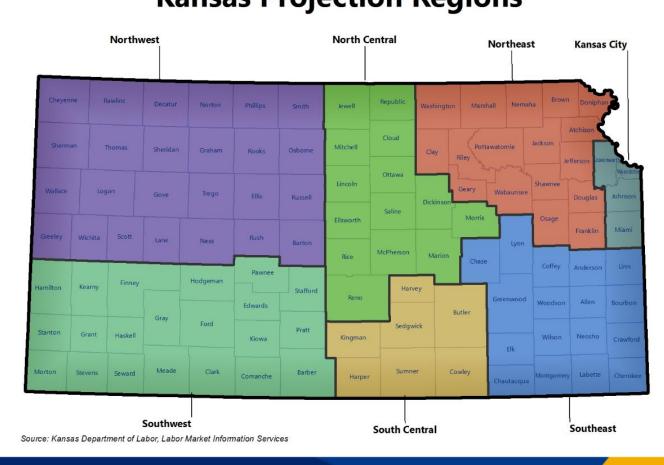


# Occupational Employment Projections

Projects long-term (10-year) and short-term (2-year)
 employment by occupation
 Kansas Projection Regions

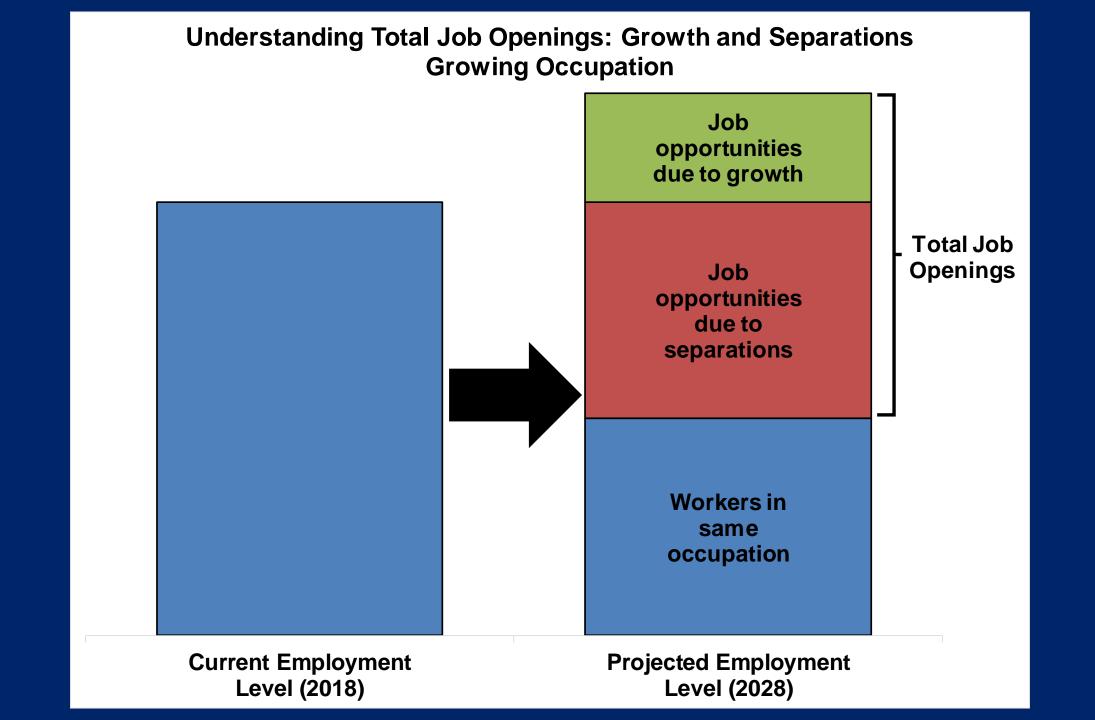
Statewide

7 projection regions

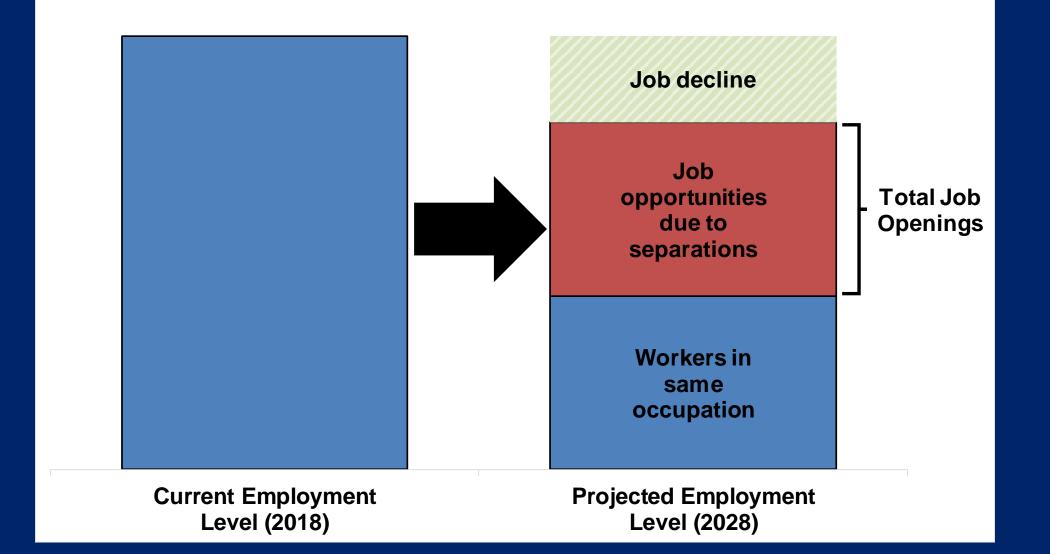


# Occupational Employment Projections

- Based on industry projections and occupational staffing patterns created using data from the Kansas Wage Survey
- Occupational projections data includes:
  - Expected openings by detailed occupation
    - Openings due to Numerical Change growth/decline in total employment for an occupation
  - Openings due to Separations
    - Exits openings that occur when workers leave the labor force entirely
    - Transfers openings that occur when workers leave an occupation and find employment in a different occupation
- Typical level of education/training needed to enter an occupation



# Understanding Total Job Openings: Growth and Separations Declining Occupation



# How Is Projections Data Used?

- Career planning (long-term)
  - Shows job seekers what occupations are growing
  - Allows students to explore future career options
- Education and training initiatives (long-term)
  - Helps workforce centers direct education and training efforts to occupations projected to grow
  - Helps workforce centers and local educational facilities adjust, expand and/or create education and training programs
- Short-term training (short-term)
  - Useful for individuals looking for short-term training to enhance skills and re-enter the labor market

#### Kansas Long-Term Occupational Projections (2018 to 2028) Emergency & Fire Management Services Career Pathway

			yment	Annual Openings due to			
Occupation		Base Year	Projected			Numerical	Total
Code	Occupation Title	2018	Year 2028	Exits	Transfers	Change	Openings
33-2011	Firefighters	3,466	3,569	63	176	10	249
	Emergency Medical Technicians and						
29-2040	Paramedics	2,188	2,211	39	107	2	148
43-5031	Public Safety Telecommunicators	1,037	1,064	37	62	3	102
	First-Line Supervisors of Firefighting and						
33-1021	Prevention Workers	731	754	18	29	2	49
33-2021	Fire Inspectors and Investigators	118	120	5	6	0	11
	Ambulance Drivers and Attendants, Except						
53-3011	Emergency Medical Technicians	68	67	4	6	0	10
	Forest Fire Inspectors and Prevention						
33-2022	Specialists	***	***	***	***	***	***

<sup>\*\*\*</sup> Confidential

Source: Kansas Department of Labor, Labor Market Information Services

#### Kansas Long-Term Occupational Projections (2018 to 2028) Emergency & Fire Management Services Career Pathway

<u> </u>		,				
			Education and Training			
Occupation		Total	Typical Education	Work Experience in a	Typical On-the-Job Training	
Code	Occupation Title	Openings	Needed for Entry	Related Occupation	Needed to Attain Competency	
			Postsecondary non-			
33-2011	Firefighters	249	degree award	None	Long-term on-the-job training	
	Emergency Medical Technicians and		Postsecondary non-			
29-2040	Paramedics	148	degree award	None	None	
			High school diploma or		Moderate-term on-the-job	
43-5031	Public Safety Telecommunicators	102	equivalent	None	training	
	First-Line Supervisors of Firefighting and		Postsecondary non-		Moderate-term on-the-job	
33-1021	Prevention Workers	49	degree award	Less than 5 years	training	
			Postsecondary non-		Moderate-term on-the-job	
33-2021	Fire Inspectors and Investigators	11	degree award	5 years or more	training	
	Ambulance Drivers and Attendants, Except		High school diploma or		Moderate-term on-the-job	
53-3011	Emergency Medical Technicians	10	equivalent	None	training	
	Forest Fire Inspectors and Prevention		High school diploma or		Moderate-term on-the-job	
33-2022	Specialists	***	equivalent	Less than 5 years	training	

<sup>\*\*\*</sup> Confidential

Source: Kansas Department of Labor, Labor Market Information Services

# Where Can I Find Projections Data?

- 1. LMIS Homepage: <a href="https://klic.dol.ks.gov/">https://klic.dol.ks.gov/</a>
- 2. Select "Employment Outlook"
- 3. Select "Kansas 2 year Job Outlook" or "Kansas 10 year Job Outlook"





Kansas 2 year Job Outlook 2020-2022

Kansas 10 year Job Outlook 2018-2028

# Where Can I Find Projections Data?

Kansas 10 Year Job Outlook 2018 - 2028

The Kansas Occupational Outlook projects the total employment in the state of Kansas to grow by 38,625 jobs over the 10 year period.

The 10 year projection program projects the long-term trend of employment in Kansas. The major assumption is full employment in the projected year. In this way, the program is not intending to project future expansions and contractions, only the long-term trend.

#### 2018 - 2028 Statewide Files:

Occupational file for Statewide <u>click here</u> Industry file for Statewide <u>click here</u>

#### 2018-2028 Sub State Regional files:

Occupational file for all 2018-2028 regions **click here**Industry file for all 2018-2028 regions **click here** 

To pinpoint your area of interest, please review our Area Maps

# High Demand Occupations

Occupations in demand based on
Job Vacancy data, Short-term (2-year)
and Long-term (10-year)
Occupational Projections



# **High Demand Occupations**

- List of occupations in Kansas that are in high demand statewide, and by local area
  - List only includes occupations with above average demand
- Each occupation receives a total demand score (out of 30) based on:
  - Current openings (Job Vacancy Survey)
  - Projected openings in 2 years (Short-term Projections)
  - Projected openings in 10 years (Long-term Projections)
- Produced annually

# High Demand – High Wage Occupations

- List of occupations in Kansas that are in high demand and high wage statewide, and by local area
  - List only includes occupations with above average demand and above average wages
- Combined total score (out of 40):
  - Demand score (0-30)
  - Wage score (0-10)

#### High Demand Occupations in Law, Public Safety, and Security

#### Kansas

2021

					Total		Median		
SOC					Demand		Annual	High Demand	
Code	Occupation Title	LT <sup>1</sup>	ST <sup>2</sup>	JVS <sup>3</sup>	Score	Rank	Wage⁴	High Wage	Career Pathway
									Corrections, Security, Law & Law
33-3051	Police and Sheriff's Patrol Officers	7	6	10	23	56	\$47,505		Enforcement Services
									Corrections, Security, Law & Law
33-9032	Security Guards	8	8	7	23	60	\$30,777		Enforcement Services
	Lifeguards, Ski Patrol, and Other								Corrections, Security, Law & Law
33-9092	Recreational Protective Service Workers	6	7	10	23	61	\$19,492		Enforcement Services
									Corrections, Security, Law & Law
33-3012	Correctional Officers and Jailers	5	5	10	20	83	\$40,615		Enforcement Services
	School Bus Monitors and Protective Service								Corrections, Security, Law & Law
33-9098	Workers, All Other	6	7	6	19	97	\$26,900		Enforcement Services
33-2011	Firefighters	5	5	5	15	142	\$34,656		Emergency & Fire Management Services
								1	Corrections, Security, Law & Law
23-1011	Lawyers	5	5	4	14	152	\$94,667	V	Enforcement Services
	Emergency Medical Technicians and								
29-2040	Paramedics	4	4	6	14	163	\$29,443		Emergency & Fire Management Services
43-5031	Public Safety Telecommunicators	3	3	7	13	175	\$34,790		Emergency & Fire Management Services
									Corrections, Security, Law & Law
23-2011	Paralegals and Legal Assistants	5	6	0	11	202	\$39,953		Enforcement Services

Source: Kansas Department of Labor, Labor Market Information Services (LMIS)

- 1. Long-term Projections Score is based off of the 2018-2028 round of projection data
- 2. Short-term Projections Score is based off of the 2020-2022 round of projection data
- 3. Job Vacancy Survey Score is based off of the Spring 2021 Kansas Job Vacancy Survey
- 4. Wage data is from the 2021 Edition of the Kansas Wage Survey (data collected in 2020)

Note: List only includes occupations with above average demand in one of the three categories and a total demand score greater than or equal to 10

# High Demand Occupations in Law, Public Safety, and Security Kansas 2021

		Total				Median		
SOC		Demand		Work		Annual	High Demand	
Code	Occupation Title	Score	Education	Experience	Job Training	Wage⁴	High Wage	Career Pathway
			High school diploma or		Moderate-term on-			Corrections, Security, Law &
33-3051	Police and Sheriff's Patrol Officers	23	equivalent	None	the-job training	\$47,505		Law Enforcement Services
			High school diploma or		Short-term on-the-			Corrections, Security, Law &
33-9032	Security Guards	23	equivalent	None	job training	\$30,777		Law Enforcement Services
	Lifeguards, Ski Patrol, and Other		No formal educational		Short-term on-the-			Corrections, Security, Law &
33-9092	Recreational Protective Service Workers	23	credential	None	job training	\$19,492		Law Enforcement Services
			High school diploma or		Moderate-term on-			Corrections, Security, Law &
33-3012	Correctional Officers and Jailers	20	equivalent	None	the-job training	\$40,615		Law Enforcement Services
	School Bus Monitors and Protective		High school diploma or		Short-term on-the-			Corrections, Security, Law &
33-9098	Service Workers, All Other	19	equivalent	None	job training	\$26,900		Law Enforcement Services
			Postsecondary		Long-term on-the-			Emergency & Fire
33-2011	Firefighters	15	nondegree award	None	job training	\$34,656		Management Services
			Doctoral or				<b>√</b>	Corrections, Security, Law &
23-1011	Lawyers	14	professional degree	None	None	\$94,667	V	Law Enforcement Services
	Emergency Medical Technicians and		Postsecondary					Emergency & Fire
29-2040	Paramedics	14	nondegree award	None	None	\$29,443		Management Services
			High school diploma or		Moderate-term on-			Emergency & Fire
43-5031	Public Safety Telecommunicators	13	equivalent	None	the-job training	\$34,790		Management Services
								Corrections, Security, Law &
23-2011	Paralegals and Legal Assistants	11	Associate's degree	None	None	\$39,953		Law Enforcement Services

Source: Kansas Department of Labor, Labor Market Information Services (LMIS)

- 1. Long-term Projections Score is based off of the 2018-2028 round of projection data
- 2. Short-term Projections Score is based off of the 2020-2022 round of projection data
- 3. Job Vacancy Survey Score is based off of the Spring 2021 Kansas Job Vacancy Survey
- 4. Wage data is from the 2021 Edition of the Kansas Wage Survey (data collected in 2020)

Note: List only includes occupations with above average demand in one of the three categories and a total demand score greater than or equal to 10

# Where Can I Find the High Demand Occupations by Career Clusters files?

- LMIS Homepage: https://klic.dol.ks.gov/
- 2. Select "High Demand Occupations"

# Resources High Demand Occupations Occupation Report Information Affirmative Action Report MWR and ARS Frequently Asked Questions Data Products Available

View more KDOL Visualizations at our <u>Tableau Public</u> page!

High demand Excel files:

2020 High Demand occupations: Statewide and Local Areas (contains multiple worksheets)

2020 High Demand High Wage occupations: Statewide and Local Areas (contains multiple worksheets)

High Demand Occupations by Career Cluster files:

(Each tab of the below worksheets is a career cluster)

2020 High Demand by Career Cluster- Statewide

2020 High Demand by Career Cluster- Local Area I

2020 High Demand by Career Cluster- Local Area II

2020 High Demand by Career Cluster- Local Area III

2020 High Demand by Career Cluster- Local Area IV

2020 High Demand by Career Cluster- Local Area IV

Last update - January 2021

# Occupation Profiles

Job description, skills, education, work experience, job requirements



# Occupation Profiles - O\*NET OnLine

- O\*NET OnLine provides detailed descriptions for all SOC occupations (<a href="https://www.onetonline.org/">https://www.onetonline.org/</a>)
  - Tasks, Technology Skills, Tools Used
  - Knowledge, Skills, Abilities
  - Work Activities, Work Context
  - Job Zone, Education, Credentials
  - Interests, Work Styles, Work Values

The Occupational Information Network (O\*NET) is developed under the sponsorship of the U.S. Department of Labor/Employment and Training Administration (USDOL/ETA) through a grant to the North Carolina Department of Commerce



#### O\*NET OnLine

Occupation Quick Search:

**Find Occupations Advanced Search** Crosswalks O\*NET Sites Help Share





**Occupation Search** 

Keyword or O\*NET-SOC Code: Firefighter



Find Occupations

**Browse** groups of similar occupations to explore careers. Change from industry field of



Advanced Search

Focus on occupations that use a specific tool or software. Evalore occupations that need



Crosswalks

Connect to a wealth of O\*NET data. Enter a code or title from another classification to find

#### What's New?

Updated Occupational Outlook Handbook (OOH) information within O\*NET OnLine



Learn More



Get O\*NET news by email or RSS.

#### I want to be a...

Start the career you've dreamed about, or find one you never imagined.

Find It Now



at My Next Move

#### ATTN: VETERANS

Put your military skills and experience to work in civilian life. Learn how at:



**Get Started** 



## **Quick Search for:**

**Find Occupations** 

#### **Firefighter**

Help

Showing 12 occupations for Firefighter. Closest matches are shown first.

How do they match?	Code Occupation	
	33-2011.00 <u>Firefighters</u>	
	33-2022.00 Forest Fire Inspectors and Prevention Specialists Pright	t Outlook
	33-1021.00 First-Line Supervisors of Firefighting and Prevention Works	ers
	53-2022.00 Airfield Operations Specialists 🌣	
	53-5011.00 Sailors and Marine Oilers 🌼	
	49-9071.00 Maintenance and Repair Workers, General 🌼	
	33-2021.00 Fire Inspectors and Investigators	
	19-1032.00 Foresters •	
	33-3031.00 Fish and Game Wardens	
	19-5012.00 Occupational Health and Safety Technicians	
	45-4011.00 Forest and Conservation Workers	
	51-4121.00 Welders, Cutters, Solderers, and Brazers	

Crosswalks

**Advanced Search** 

#### **Summary Report for:**

33-2011.00 - Firefighters

Control and extinguish fires or respond to emergency situations where life, property, or the environment is at risk. Duties may include fire prevention, emergency medical service, hazardous material response, search and rescue, and disaster assistance.

**Sample of reported job titles:** Fire Engineer, Fire Equipment Operator, Fire Fighter, Fire Rescue Technician, Fire Technician, Firefighter, Forest Fire Suppression Specialist, Forestry Fire Technician, Hot Shot, Wildland Firefighter



Tasks | Technology Skills | Tools Used | Knowledge | Skills | Abilities | Work Activities | Detailed Work Activities | Work Context | Job Zone | Credentials | Interests | Work Styles | Work Values | Related Occupations | Wages & Employment | Job Openings | Additional Information

#### **Tasks**

- 5 of 30 displayed
  - Rescue victims from burning buildings, accident sites, and water hazards.
  - Dress with equipment such as fire-resistant clothing and breathing apparatus.
- Assess fires and situations and report conditions to superiors to receive instructions, using two-way radios.
- Move toward the source of a fire, using knowledge of types of fires, construction design, building materials, and physical layout of properties.
- Respond to fire alarms and other calls for assistance, such as automobile and industrial accidents.

#### back to top

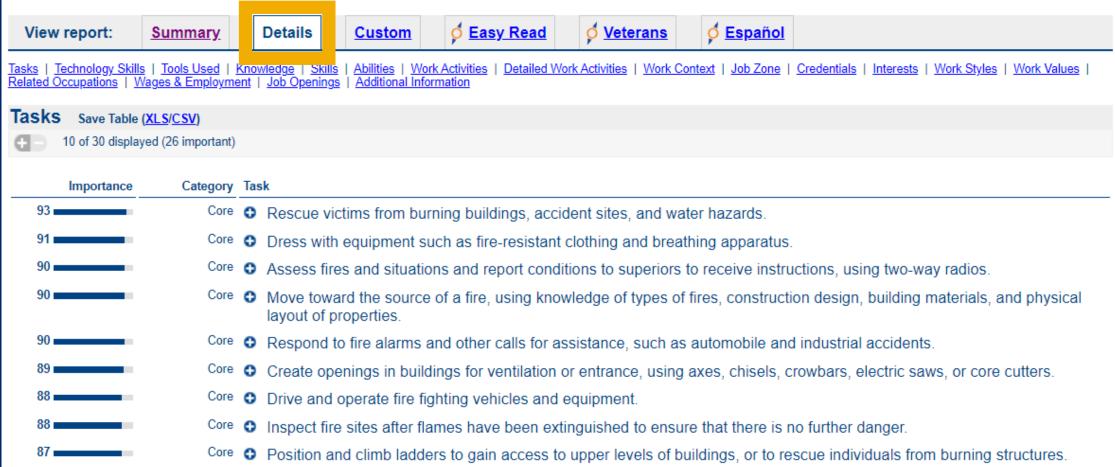
#### Technology Skills

- 5 of 10 displayed Show 132 tools used
  - Data base user interface and query software Affiliated Computer Services ACS FIREHOUSE; Fire incident reporting systems; Microsoft Access 🖖
  - Electronic mail software Email software
  - Office suite software Corel WordPerfect; Corel WordPerfect Office Suite; Microsoft Office

# Details Report for: 33-2011.00 - Firefighters

Control and extinguish fires or respond to emergency situations where life, property, or the environment is at risk. Duties may include fire prevention, emergency medical service, hazardous material response, search and rescue, and disaster assistance.

**Sample of reported job titles:** Fire Engineer, Fire Equipment Operator, Fire Fighter, Fire Rescue Technician, Fire Technician, Firefighter, Forest Fire Suppression Specialist, Forestry Fire Technician, Hot Shot, Wildland Firefighter



Core Select and attach hose nozzles, depending on fire type, and direct streams of water or chemicals onto fires.

















#### **Firefighters**

Also called: Fire Engineer, Fire Rescue Technician, Fire Technician, Firefighter



#### What they do:

Control and extinguish fires or respond to emergency situations where life, property, or the environment is at risk. Duties may include fire prevention, emergency medical service, hazardous material response, search and rescue, and disaster assistance.

#### On the job, you would:

- Rescue victims from burning buildings, accident sites, and water hazards.
- Dress with equipment such as fire-resistant clothing and breathing apparatus.
- Assess fires and situations and report conditions to superiors to receive instructions, using two-way radios.

#### KNOWLEDGE

#### **Safety and Government**

- · public safety and security
- · law and government

#### **Engineering and Technology**

- · building and construction
- mechanical

#### **Business**

- · customer service
- management

#### **Education and Training**

· teaching and course design

#### SKILLS

#### **Basic Skills**

- keeping track of how well people and/or groups are doing in order to make improvements
- listening to others, not interrupting, and asking good questions

#### Social

- changing what is done based on other people's actions
- · looking for ways to help people

#### **Problem Solving**

 noticing a problem and figuring out the best way to solve it

#### **ABILITIES**

#### **Controlled Movement**

- use your arms and/or legs together while sitting, standing, or lying down
- quickly decide if you should move your hand, foot, or other body part

#### **Endurance**

 exercise for a long time without getting out of breath

#### **Hand and Finger Use**

- · keep your arm or hand steady
- · hold or move items with your hands

#### Verbal

 listen and understand what people say

PERSONALITY

TECHNOLOGY

# Occupation Profiles - BLS

- The Bureau of Labor Statistics (BLS) publishes the Occupational Outlook Handbook with profiles for 324 occupations (<a href="https://www.bls.gov/ooh/">https://www.bls.gov/ooh/</a>)
  - What workers do
  - Work environment
  - Education, training, and other qualifications
  - Pay
  - Job outlook
  - Information on state and area data
  - Similar occupations

#### OCCUPATIONAL OUTLOOK HANDBOOK

Firefighter Go

view profile »

Field of

Degree

#### Home

Check out this video: Using the Occupational Outlook Handbook for Your Career Search.

#### **OCCUPATION GROUPS SELECT OCCUPATIONS BY** 2020 Median Pay Entry-Level Education On-the-job Training Architecture and Engineering Arts and Design ∨ G0 Number of New Jobs (Projectec ➤ Growth Rate (Projected) **Building and Grounds Cleaning** Business and Financial Community and Social Service FEATURED OCCUPATION Computer and Information Technology Health Education Specialists and Construction and Extraction Community Health Workers Education, Training, and Library **Entertainment and Sports** Health education specialists develop programs to teach people about conditions affecting well-being. Community Farming, Fishing, and Forestry health workers promote wellness by helping people adopt Food Preparation and Serving healthy behaviors. Healthcare Installation, Maintenance, and Repair Legal Life, Physical, and Social Science Management A-Z INDEX Math ABCDEFGHIJKLMNOPQRSTUVWXYZ Media and Communication Military Office and Administrative Support **BROWSE OCCUPATIONS** Personal Care and Service Fastest Most New Protective Service Highest Growing Jobs Paying (Projected) (Projected) Transportation and Material Moving

#### **Protective Service Occupations**



Employment in protective service occupations is projected to grow 8 percent from 2020 to 2030, about as fast as the average, and will result in about 286,400 new jobs.

Protective service occupations had a median annual wage of \$43,710 in May 2020, which was slightly higher than the median annual wage for all occupations of \$41,950.

BLS provides summary data, including employment projections, for protective service occupations not shown in the table on this page. That information is available on the <u>Data for Occupations Not Covered in Detail</u> page.

OCCUPATION	JOB SUMMARY	ENTRY-LEVEL EDUCATION ⊕	2020 MEDIAN PAY 🍥 🌻
Correctional Officers and Bailiffs	Correctional officers oversee those who have been arrested and are awaiting trial or who have been sentenced to serve time in jail or prison. Bailiffs are law enforcement officers who maintain safety and order in courtrooms.	High school diploma or equivalent	\$47,440
Fire Inspectors	Fire inspectors examine buildings in order to detect fire hazards and ensure that federal, state, and local fire codes are met.	See How to Become One	\$62,120
<u>Firefighters</u>	Firefighters control and put out fires and respond to emergencies involving life, property, or the environment.	Postsecondary nondegree award	\$52,500
Police and Detectives	criminal investigators gather facts and collect evidence of possible crimes.	See How to Become One	\$67,290
Private Detectives and Investigators	Private detectives and investigators search for information about legal, financial, and personal matters.	High school diploma or equivalent	\$53,320
Security Guards and Gambling Surveillance Officers	Security guards and gambling surveillance officers protect property from illegal activity.	High school diploma or equivalent	\$31,080

#### Firefighters



Summary

What They Do

Work Environment

How to Become One

Pay Job

Job Outlook

State & Area Data

Similar Occupations

More Info

#### Summary

Quick Facts: Firefighters					
2020 Median Pay 🕜	\$52,500 per year \$25.24 per hour				
Typical Entry-Level Education 🔞	Postsecondary nondegree award				
Work Experience in a Related Occupation 🕜	None				
On-the-job Training 🕜	Long-term on-the-job training				
Number of Jobs, 2020 🕡	317,200				
Job Outlook, 2020-30 🕜	8% (As fast as average)				
Employment Change, 2020-30 🕡	26,900				



#### What Firefighters Do

Firefighters control and put out fires and respond to emergencies involving life, property, or the environment.

#### **Work Environment**

On the scene of a fire or other emergency, firefighters' work may be dangerous. On call at fire stations, firefighters sleep, eat, and perform other duties during shifts that often last 24 hours. Most paid firefighters work full time.

#### How to Become a Firefighter

Firefighters typically need a high school diploma and training in emergency medical services. Most firefighters receive training at a fire academy. Other credential requirements, such as emergency medical technician (EMT) certification, vary by state or locality.

# Questions?



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