

**Bluegrass Local Workforce Area
Occupational Outlook to 2024**

Matthew G. Bevin
Governor

Hal Heiner
Secretary
Education and Workforce Development Cabinet

Kate S. Akers, Ph.D.
Executive Director
Kentucky Center for Education and Workforce Statistics

Luke Morgan, MPA
Workforce Research Analyst
Kentucky Center for Education and Workforce Statistics

September 2017

EQUAL OPPORTUNITY EMPLOYER/PROGRAM

AUXILIARY AIDS AND SERVICES ARE AVAILABLE UPON REQUEST TO INDIVIDUALS WITH DISABILITIES

PRINTED WITH FEDERAL FUNDS

TABLE OF CONTENTS

	PAGE
PREFACE	1
INTRODUCTION	2
HIGHLIGHTS	3
A USER'S GUIDE TO OCCUPATIONAL OUTLOOK STATISTICS	4
OCCUPATIONS WITH MOST ANNUAL JOB OPENINGS	5
FASTEST GROWING AREA OCCUPATIONS	6
EXPLANATION OF DATA ELEMENTS IN THE OCCUPATIONAL OUTLOOK TABLE	7
OCCUPATIONAL BREAKDOWN	8
EDUCATION AND TRAINING CLASSIFICATION	12
AREA EMPLOYMENT OUTLOOK AND JOB OPENINGS TABLE	13

PREFACE

The information and projections contained in this publication are based on a broad range of labor market information and statistics that are collected and analyzed by the staff of the Labor Market Information (LMI) section.

The Occupational Employment Statistics (OES) survey of approximately 20,000 Kentucky employers provided the occupational employment data used in the study. The data obtained from the Current Employment Statistics (CES) and the Quarterly Census of Employment and Wages (QCEW) programs were used to project industries to the year 2024.

The U.S. Department of Labor (USDOL), Employment and Training Administration (ETA) provided funding for the publication and projections. The national industry and occupational projections developed by the U. S. Department of Labor, Bureau of Labor Statistics (BLS), were used in conjunction with state and regional trends to project Kentucky's industries and occupations. The Bureau of Labor Statistics and the U.S. Department of Commerce, Bureau of Economic Analysis, provided additional statistics necessary in the projection process. The Utah Department of Economic Security developed the personal computer-based model used for the projections. Special thanks to Kentucky employers who completed the questionnaires that provide the employment information necessary to complete this project.

Questions, comments, or copies:

Luke Morgan, MPA
Kentucky Center for Education and Workforce Statistics
Workforce Intelligence Branch
1050 US Highway 127 Suite 200
Frankfort, KY 40601-4326
800-542-8840
502-564-7976
Fax: 502-564-2937
Luke.Morgan@ky.gov

This workforce product was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The product was created by the recipient and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. This product is copyrighted by the institution that created it. Internal use by an organization and/or personal use by an individual for non-commercial purposes is permissible. All other uses require the prior authorization of the copyright owner.

Material in this publication is in the public domain and with appropriate credit may be reproduced without permission. Please reference: "Kentucky Center for Education and Workforce Statistics, Labor Market Information."

INTRODUCTION

EKCEP Local Workforce Area

Which jobs will be in demand? Which occupations will provide the largest number of job openings? Which are likely to grow or decline? The *EKCEP Local Workforce Area Occupational Outlook to 2024* offers answers and insight regarding these often-asked questions. Students, job seekers, counselors and others will find this information beneficial.

Tables listing the 25 occupations with the largest number of annual job openings and the 25 fastest-growing occupations are included. They also provide occupational employment projections, the number and percentage of expected change and the average number of annual job openings for the period 2014 to 2024.

Please note that the estimates and projections are subject to limitations that are a part of any effort to determine future conditions. Long-term job trends offer insight into the occupational growth or decline in the area. The projections are carefully prepared using accepted methods within a framework of national, state and area assumptions. However, they will be modified in future publications if long-term changes occur in the area's economic outlook or as more current information becomes available.

The estimates in this report reflect only the demand for labor from 2014 through 2024. The supply, or the number of educated or trained workers available to fill future job openings, is beyond the scope of this report.

The development and utilization of our human resources is always a priority for those concerned with employment training. It is crucial that education and training planners, business, labor, government, and job seekers have the necessary occupational information to aid them in the development of education and training programs. This publication was intended to assist in these efforts.

NOTE: Prior to 2000, the Occupational Employment Statistics (OES) codes were used to classify occupations. The 2014-2024 projections use the Standard Occupational Classification (SOC) system. Because of this change, the titles and content of major occupational groups and many detailed occupations are substantially different from those used before 2000. Several major groups have been renamed, combined or reorganized. Some individual occupations have been renamed, reclassified, or are no longer listed. Many newer occupations may be listed for the first time. Because of these changes, the 2014-2024 projections are not comparable to those completed before 2000. Information on the SOC system is available on the U.S. Bureau of Labor Statistics SOC Home Page <http://www.bls.gov/soc/home.htm>.

**EKCEP Local Workforce Area
HIGHLIGHTS
2014-2024**

- Employment is projected to grow from 117,183 to 121,119 a gain of 3.36 percent.
- Total annual job openings are expected to be about 3,480.
- Growth in employment will create about 716 job openings annually.
- Approximately 2,764 annual job openings will result from separations from the labor force due to retirement or those who transfer to other jobs.
- Twenty percent of job openings will result from growth; the remaining 80 percent will result from separations from the labor force.
- The greatest number of annual job openings will be in Sales and Related Occupations Occupations (478) followed by Office and Administrative Support Occupations (476), Food Preparation and Serving Related Occupations (394).
- The two occupations with the largest projected number of annual job openings Cashiers (222) and Combined Food Preparation and Serving Workers, Including Fast Food (192).
- The highest growth rates among occupational groups are likely to be Computer and Mathematical Occupations (21.35%) followed by Healthcare Support Occupations (16.86%) and Healthcare Practitioners and Technical Occupations (12.77%).

USER'S GUIDE TO OCCUPATIONAL OUTLOOK STATISTICS

When looking at an occupation, what key outlook data should you review?	Total average annual job openings, and employment change expressed as a percentage. The total number of job openings estimates the likely annual demand for workers in each occupation. The percentage of employment change shows how much each occupation is likely to grow or decline.
What creates job openings?	Employment growth (new jobs), and employment separations (job vacancies created by persons separating from an occupation).
What causes employment change?	<i>Industrial growth or decline</i> has the greatest influence. This occurs when the demand for goods and services rises, thus the demand for workers increases. <i>Technological change</i> may raise the demand for some skills while eliminating the demand for others. Self-service, out-sourcing, or 24 hour operations can also affect employment change.
What about employment separations?	Employment separations are still important when evaluating the potential outlook for an occupation. Job openings are created when employees separate from occupations because of retirements, promotions, career changes, death, etc. The number of separations can exceed new jobs.
Do workers tend to leave one occupation more than other occupations?	Every occupation has a different rate of employment separation. Occupations requiring more education and training and/or having a high percentage of full time workers tend to have low separation rates. Those requiring little education and/or training tend to have higher separation rates.
What factors affect the number of job openings for an occupation?	The number of workers who are currently employed, the number of job vacancies created by worker separation, and the rate of change, i.e., how fast the occupation is growing or declining.
Which factor is more important?	The size of employment and separation rate is more important than rate of change.
What is the best way to compare one occupation with another?	Look at the total average annual job openings, not just openings resulting from growth. A large number of openings indicate it should be relatively easy to find a job in that occupation. Also, consider the rate of employment change. A high percentage increase denotes there may be excellent chances for advancement and for earnings increases because demand is likely to remain strong for some time.

**Top 25 Fastest Growing EKCEP Local Workforce Area Occupations
Most Annual Openings**

Rank	Code	Occupational Title	Employment		Change		Annual Openings
			2014 Estimated	2024 Projected	Number	Percent	
1	41-2011	Cashiers	5,019	5,103	84	1.67	222
2	35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	4,528	4,988	460	10.16	192
3	41-2031	Retail Salespersons	3,624	3,871	247	6.82	151
4	29-1141	Registered Nurses	3,586	4,082	496	13.83	135
5	43-4051	Customer Service Representatives	2,580	3,015	435	16.86	108
6	31-1014	Nursing Assistants	2,178	2,634	456	20.94	95
7	43-5081	Stock Clerks and Order Fillers	2,073	2,224	151	7.28	81
8	41-1011	First-Line Supervisors of Retail Sales Workers	1,953	2,090	137	7.01	58
9	25-2021	Elementary School Teachers, Except Special Education	2,110	2,185	75	3.55	55
10	25-9041	Teacher Assistants	1,695	1,762	67	3.95	48
11	35-3031	Waiters and Waitresses	960	969	9	0.94	47
12	37-2012	Maids and Housekeeping Cleaners	1,278	1,441	163	12.75	46
13	53-3032	Heavy and Tractor-Trailer Truck Drivers	2,548	2,266	(282)	-11.07	43
14	33-3012	Correctional Officers and Jailers	1,344	1,389	45	3.35	41
15	39-9011	Childcare Workers	1,183	1,246	63	5.33	41
16	29-2061	Licensed Practical and Licensed Vocational Nurses	1,010	1,116	106	10.50	40
17	37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,507	1,592	85	5.64	38
18	53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,163	1,191	28	2.41	38
19	11-1021	General and Operations Managers	1,460	1,458	(2)	-0.14	37
20	35-1012	First-Line Supervisors of Food Preparation and Serving Workers	977	1,058	81	8.29	37
21	49-9071	Maintenance and Repair Workers, General	1,372	1,374	2	0.15	36
22	43-4171	Receptionists and Information Clerks	995	1,066	71	7.14	34
23	29-2052	Pharmacy Technicians	1,009	1,242	233	23.09	33
24	21-1021	Child, Family, and School Social Workers	1,157	1,193	36	3.11	32
25	25-2031	Secondary School Teachers, Except Special and Career/Technical Educat	1,187	1,230	43	3.62	32

**Top 25 Fastest Growing EKCEP Local Workforce Area Occupations
Highest Percent Change**

Rank	Occupational		Employment		Change		Annual Openings
	Code	Title	2014 Estimated	2024 Projected	Number	Percent	
1	13-2052	Personal Financial Advisors	28	45	17	60.71	3
2	31-2021	Physical Therapist Assistants	81	106	25	30.86	4
3	29-2056	Veterinary Technologists and Technicians	33	43	10	30.30	1
4	19-2031	Chemists	20	26	6	30.00	1
5	13-1161	Market Research Analysts and Marketing Specialists	47	61	14	29.79	2
6	29-1171	Nurse Practitioners	284	360	76	26.76	15
7	21-1011	Substance Abuse and Behavioral Disorder Counselors	205	259	54	26.34	9
8	13-2061	Financial Examiners	19	24	5	26.32	0
9	29-1123	Physical Therapists	92	115	23	25.00	4
10	29-2052	Pharmacy Technicians	1,009	1,242	233	23.09	33
11	31-2022	Physical Therapist Aides	75	92	17	22.67	4
12	53-3041	Taxi Drivers and Chauffeurs	383	467	84	21.93	15
13	15-1151	Computer User Support Specialists	174	212	38	21.84	6
14	31-1014	Nursing Assistants	2,178	2,634	456	20.94	95
15	15-1143	Computer Network Architects	92	111	19	20.65	3
16	21-1022	Healthcare Social Workers	190	228	38	20.00	9
17	29-1122	Occupational Therapists	47	56	9	19.15	2
18	31-1011	Home Health Aides	190	226	36	18.95	8
19	15-1199	Computer Occupations, All Other	106	126	20	18.87	3
20	11-3021	Computer and Information Systems Managers	53	63	10	18.87	2
21	43-4131	Loan Interviewers and Clerks	226	267	41	18.14	8
22	21-1023	Mental Health and Substance Abuse Social Workers	182	215	33	18.13	7
23	31-9096	Veterinary Assistants and Laboratory Animal Caretakers	61	72	11	18.03	2
24	27-1024	Graphic Designers	28	33	5	17.86	1
25	11-3121	Human Resources Managers	46	54	8	17.39	2

Explanation of Data Elements in the Occupational Outlook Table

Occupational Employment Outlook

Occupational		Employment		Job Growth		Average Annual			Average	Education/
		2014	2024	2014	2024	Job Openings, 2014-2024			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2016	Required
<p>Occupational Codes & Titles used in this report are based on the Standard Occupational Coding (SOC) structure.</p>		<p>Estimated 2014 employment is based on the Occupational Employment Statistics (OES) Survey of employers.</p> <p>Projected 2024 levels of occupational employment are based on projections of industry employment and projections of occupational change factors between 2014 and 2024.</p> <p>NOTE: The occupational employment estimates for 2014 to 2024 include all classes of workers such as public and private, wage and salaried workers; agricultural workers; private household workers; and self-employed.</p>		<p>Number The total number of jobs in an occupation gained or lost over the 2014 to 2024 period.</p> <p>Percent Percent change in employment in an occupation over the 10 year period.</p> <p>NOTE: In Kentucky, the average growth for all occupations is projected to be 15.2 percent from 2014-2024.</p> <p>The growth of an occupation is classified as one of the following based on its projected percent change in employment:</p> <ol style="list-style-type: none"> 1) Declining (< 0%) 2) Stable (0% - 6.99%) 3) Growing (7.0% - 12.99%) 4) Fast Growing (13.0% - 17.99%) 5) Very Fast Growing (> 18.0%) 		<p>Growth Provides estimates of the average number of job openings expected to occur each year between 2014 and 2024.</p> <p>Separations Provides estimates of the average number of job openings expected to occur each year in an occupation from workers separating or leaving for reasons such as retirement, promotion, or simply transferring among occupations. These separations would require replacement workers.</p> <p>Total The sum of openings due to growth and openings due to separations for an occupation.</p> <p>NOTE: If employment growth is negative, the total number of job openings will equal the number of separations.</p>			<p>Average Wage in this report always refers to the 2015 mean hourly wage.</p> <p>NOTE: Average hourly wages for each of the teacher occupations in this report were calculated from the average annual wage by assuming 9.5 working months per year at 40 hours per week.</p>	<p>Education and/or Training Levels Required are developed by the Bureau of Labor Statistics (BLS).</p> <p>NOTE: The various categories are described in detail on page 12 of this report.</p>

Occupational Code Breakdown

Occupational Code	SOC
Management Occupations	11-0000
Top Executives	11-1000
Advert., Market., Promotions, Pub. Relations, & Sales Mgrs.	11-2000
Operations Specialties Managers	11-3000
Other Management Occupations	11-9000
Business and Financial Operations Occupations	13-0000
Business Operations Specialists	13-1000
Financial Specialists	13-2000
Computer and Mathematical Occupations	15-0000
Computer Occupations	15-1100
Mathematical Science Occupations	15-2000
Architecture and Engineering Occupations	17-0000
Architects, Surveyors, and Cartographers	17-1000
Engineers	17-2000
Drafters, Engineering Technicians, and Mapping Technicians	17-3000
Life, Physical, and Social Science Occupations	19-0000
Life Scientists	19-1000
Physical Scientists	19-2000
Social Scientists and Related Workers	19-3000
Life, Physical, and Social Science Technicians	19-4000
Community and Social Service Occupations	21-0000
Counselors, Social Wkrs, & Other Comm. & Social Service Spec.	21-1000
Religious Workers	21-2000
Legal Occupations	23-0000
Lawyers, Judges, and Related Workers	23-1000
Legal Support Workers	23-2000
Education, Training, and Library Occupations	25-0000
Postsecondary Teachers	25-1000
Preschool, Primary, Secondary, and Special Education School Teachers	25-2000
Other Teachers and Instructors	25-3000

Occupational Code Breakdown

Occupational Code	SOC
Librarians, Curators, and Archivists	25-4000
Other Education, Training, and Library Occupations	25-9000
Arts, Design, Entertainment, Sports, and Media Occupations	27-0000
Art and Design Workers	27-1000
Entertainers and Performers, Sports and Related Workers	27-2000
Media and Communication Workers	27-3000
Media and Communication Equipment Workers	27-4000
Healthcare Practitioners and Technical Occupations	29-0000
Health Diagnosing and Treating Practitioners	29-1000
Health Technologists and Technicians	29-2000
Other Healthcare Practitioners and Technical Occupations	29-9000
Healthcare Support Occupations	31-0000
Nursing, Psychiatric, and Home Health Aides	31-1000
Occupational Therapy & Physical Therapist Assistants & Aides	31-2000
Other Healthcare Support Occupations	31-9000
Protective Service Occupations	33-0000
Supervisors of Protective Service Workers	33-1000
Fire Fighting and Prevention Workers	33-2000
Law Enforcement Workers	33-3000
Other Protective Service Workers	33-9000
Food Preparation and Serving Related Occupations	35-0000
Supervisors of Food Preparation and Serving Workers	35-1000
Cooks and Food Preparation Workers	35-2000
Food and Beverage Serving Workers	35-3000
Other Food Preparation and Serving Related Workers	35-9000
Building and Grounds Cleaning and Maintenance Occupations	37-0000
Supervisors of Building & Grounds Cleaning and Maintenance Workers	37-1000
Building Cleaning and Pest Control Workers	37-2000
Grounds Maintenance Workers	37-3000
Personal Care and Service Occupations	39-0000

Occupational Code Breakdown

Occupational Code	SOC
Supervisors of Personal Care and Service Workers	39-1000
Animal Care and Service Workers	39-2000
Entertainment Attendants and Related Workers	39-3000
Funeral Service Workers	39-4000
Personal Appearance Workers	39-5000
Baggage Porters, Bellhops, and Concierges	39-6000
Tour and Travel Guides	39-7000
Other Personal Care and Service Workers	39-9000
Sales and Related Occupations	41-0000
Supervisors of Sales Workers	41-1000
Retail Sales Workers	41-2000
Sales Representatives, Services	41-3000
Sales Representatives, Wholesale and Manufacturing	41-4000
Other Sales and Related Workers	41-9000
Office and Administrative Support Occupations	43-0000
Supervisors of Office and Administrative Support Workers	43-1000
Financial Clerks	43-3000
Information and Record Clerks	43-4000
Material Recording, Scheduling, Dispatching, and Distributing Workers	43-5000
Secretaries and Administrative Assistants	43-6000
Other Office and Administrative Support Workers	43-9000
Farming, Fishing, and Forestry Occupations	45-0000
Supervisors of Farming, Fishing, and Forestry Workers	45-1000
Agricultural Workers	45-2000
Forest, Conservation, and Logging Workers	45-4000
Construction and Extraction Occupations	47-0000
Supervisors of Construction and Extraction Workers	47-1000
Construction Trades Workers	47-2000
Helpers, Construction Trades	47-3000
Other Construction and Related Workers	47-4000

Occupational Code Breakdown

Occupational Code	SOC
Extraction Workers	47-5000
Installation, Maintenance, and Repair Occupations	49-0000
Electrical & Electronic Equipment Mechanics, Installers, and Repairers	49-2000
Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	49-3000
Other Installation, Maintenance, and Repair Occupations	49-9000
Production Occupations	51-0000
Supervisors of Production Workers	51-1000
Assemblers and Fabricators	51-2000
Food Processing Workers	51-3000
Metal Workers and Plastic Workers	51-4000
Printing Workers	51-5100
Textile, Apparel, and Furnishings Workers	51-6000
Woodworkers	51-7000
Plant and System Operators	51-8000
Other Production Occupations	51-9000
Transportation and Material Moving Occupations	53-0000
Supervisors of Transportation and Material Moving Workers	53-1000
Air Transportation Workers	53-2000
Motor Vehicle Operators	53-3000
Rail Transportation Workers	53-4000
Water Transportation Workers	53-5000
Other Transportation Workers	53-6000
Material Moving Workers	53-7000

Educational/Training Classifications

The Bureau of Labor Statistics (BLS) provides individual assignments to each occupation for three dimensions: education; work experience in a related field; and on-the-job training. The objective of this system is to present a complete picture of the education and training needed for entry into a given occupation and to become competent at performing the occupation.

Entry Level Education: Represents the typical education level needed to enter an occupation. There are eight possible assignments for this category.

- 1) **Doctoral or Professional Degree:** Completion of a doctoral degree (Ph.D.) usually requires at least 3 years of full-time academic work beyond a bachelor's degree. Completion of a professional degree usually requires at least 3 years of full-time academic study beyond a bachelor's degree. Examples of occupations for which a professional degree is the typical form of entry-level education include lawyers, physicians and surgeons, and dentists.
- 2) **Master's Degree:** Completion of this degree usually requires 1 or 2 years of full-time academic study beyond a bachelor's degree. Examples of occupations in this category include statisticians, physician assistants, and educational, vocational, and school counselors.
- 3) **Bachelor's Degree:** Completion of this degree generally requires at least 4 years, but not more than 5 years, of full-time academic study beyond high school. Examples of occupations in this category include budget analysts, dietitians, and civil engineers.
- 4) **Associate's Degree:** Completion of this degree usually requires at least 2 years but not more than 4 years of full-time academic study beyond high school. Examples of occupations in this category include mechanical drafters, respiratory therapists, and dental hygienists.
- 5) **Postsecondary Non-Degree Award:** These programs lead to a certificate or other award, but not a degree. The certificate is awarded by the educational institution and is the result of completing formal postsecondary schooling. Certification, which is issued by a professional organization or certifying body, is not included here. Some postsecondary non-degree award programs last only a few weeks, while others may last 1 to 2 years. Examples of occupations in this category include nursing aides, emergency medical technicians (EMTs) and paramedics, and hairstylists.
- 6) **Some College, No Degree:** This category signifies the achievement of a high school diploma or equivalent plus the completion of one or more postsecondary courses that did not result in a degree or award. Examples of occupations in this category are actors and computer support specialists.
- 7) **High School Diploma or Equivalent:** This category signifies the completion of high school or an equivalent program resulting in the award of a high school diploma or an equivalent, such as the General Educational Development (GED) credential. Examples of occupations in this category include social and human service assistants and pharmacy technicians.
- 8) **Less than High School:** This category signifies the completion of any level of primary or secondary education that did not result in the award of a high school diploma or equivalent. Examples of occupations in this category include janitors and cleaners, cashiers, and carpet installers.

Work Experience in a Related Occupation: For some occupations, work experience in a related occupation may be a typical method of entry. The majority of occupations in this category are first-line supervisors or managers of service, sales, and production occupations. Although work experience in a related occupation is beneficial for all occupations, this metric is meant to capture work experience that is commonly considered necessary by employers, or is a commonly accepted substitute for other, more formal types of training or education. Occupations are assigned one of the following four categories that deal with length of time spent gaining related work experience:

- 1) **More than 5 years:** This is assigned to occupations if more than 5 years of work experience in a related occupation is typically needed for entry. Examples include construction managers and computer and information systems managers.
- 2) **1 to 5 years:** To enter occupations in this category, workers typically need 1-5 years of work experience in a related occupation. Examples include marketing managers and database administrators.

- 3) **Less than 1 year:** Examples of occupations that typically need less than 1 year of work experience in a related occupation include restaurant cooks and industrial truck and tractor operators.
- 4) **None:** No work experience in a related occupation is typically needed. Examples are audiologists and actuaries.

Typical On-The-Job Training Needed to Attain Competency in the Occupation: This category encompasses any additional training or preparation that is typically needed, once employed in an occupation, to attain competency in the skills needed in that occupation. Training is occupation-specific rather than job-specific; skills learned can be transferred to another job in the same occupation. Occupations are assigned one of the following six training categories:

- 1) **Internship/Residency:** An internship or residency is training that involves preparation in a field such as medicine or teaching, generally under supervision in a professional setting, such as a hospital or classroom. This type of training may occur before one is employed. Completion of an internship or residency program is commonly required for state licensure or certification in fields including medicine, counseling, architecture, and teaching. This category does not include internships that are suggested for advancement. Examples of occupations in the internship/residency category include physicians and surgeons and marriage and family therapists.
- 2) **Apprenticeship:** An apprenticeship is a formal relationship between a worker and sponsor that consists of a combination of on-the-job training and related occupation-specific technical instruction in which the worker learns the practical and theoretical aspects of an occupation. Apprenticeship programs are sponsored by individual employers, joint employer-and-labor groups, and employer associations. The typical apprenticeship program provides at least 144 hours of occupation-specific technical instruction and 2,000 hours of on-the-job training per year over a 3-to-5 year period. Examples of occupations in the apprenticeship category include electricians and structural iron and steel workers.
- 3) **Long-Term On-The-Job Training:** More than 12 months of on-the-job training or, alternatively, combined work experience and formal classroom instruction, are needed for workers to develop the skills to attain competency. Training is occupation specific rather than job specific; therefore, skills learned can be transferred to another job in the same occupation. This on-the-job training category also includes employer-sponsored training programs. Such programs include those offered by fire and police academies and schools for air traffic controllers and flight attendants. In other occupations—nuclear power reactor operators, for example—trainees take formal courses, often provided at the jobsite, to prepare for the required licensing exams. This category excludes apprenticeships. Examples of occupations in the long-term on-the-job training category include opticians and automotive service technicians and mechanics.
- 4) **Moderate-Term On-The-Job Training:** Skills needed for a worker to attain competency in an occupation that can be acquired during 1 to 12 months of combined on-the-job experience and informal training. Training is occupation-specific rather than job-specific; therefore, skills learned can be transferred to another job in the same occupation. This on-the-job training category also includes employer-sponsored training programs. Examples of occupations in the moderate-term category include school bus drivers and advertising sales agents.
- 5) **Short-Term On-The-Job Training:** Skills needed for a worker to attain competency in an occupation that can be acquired during 1 month or less of on-the-job experience and informal training. Training is occupation-specific rather than job specific; therefore, skills learned can be transferred to another job in the same occupation. This on-the-job training category also includes employer sponsored training programs. Examples of occupations in the short-term category include retail salespersons and maids and housekeeping cleaners.
- 6) **None:** There is no additional occupation-specific training or preparation typically required to attain competency in the occupation. Examples of occupations that do not require occupation-specific on-the-job training include geographers and pharmacists.

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
00-0000	Total, All Occupations	117,183	121,119	3936	3.36	716	2764	3480	N/A	\$18.18
11-0000	Management Occupations	4,968	5,109	141	2.84	21	117	138	N/A	\$38.30
11-1000	Top Executives	1,712	1,703	-9	-0.53	0	41	41	N/A	N/A
11-1011	Chief Executives	*	*	*	*	*	*	*	3	\$67.37
11-1021	General and Operations Managers	1,460	1,458	-2	-0.14	0	37	37	3	\$39.60
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	117	130	13	11.11	1	3	4	N/A	N/A
11-2011	Advertising and Promotions Managers	*	*	*	*	*	*	*	3	N/A
11-2021	Marketing Managers	*	*	*	*	*	*	*	3	\$42.19
11-2022	Sales Managers	71	76	5	7.04	0	2	2	3	\$53.50
11-2031	Public Relations and Fundraising Managers	24	26	2	8.33	0	1	1	3	\$30.78
11-3000	Operations Specialties Managers	698	764	66	9.46	7	16	23	N/A	N/A
11-3011	Administrative Services Managers	92	100	8	8.7	1	2	3	3	\$30.10
11-3021	Computer and Information Systems Managers	53	63	10	18.87	1	1	2	3	\$38.33
11-3031	Financial Managers	384	426	42	10.94	4	9	13	3	\$44.27
11-3051	Industrial Production Managers	*	*	*	*	*	*	*	3	\$38.94
11-3061	Purchasing Managers	*	*	*	*	*	*	*	3	\$40.15
11-3071	Transportation, Storage, and Distribution Managers	42	43	1	2.38	0	1	1	7	\$35.45
11-3111	Compensation and Benefits Managers	*	*	*	*	*	*	*	3	N/A
11-3121	Human Resources Managers	46	54	8	17.39	1	1	2	3	\$36.35

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
11-3131	Training and Development Managers	*	*	*	*	*	*	*	3	\$41.51
11-9000	Other Management Occupations	2,441	2,512	71	2.91	13	57	70	N/A	N/A
11-9021	Construction Managers	185	169	-16	-8.65	0	3	3	3	\$36.78
11-9031	Education Administrators, Preschool and Childcare Center/Program	*	*	*	*	*	*	*	3	\$17.93
11-9032	Education Administrators, Elementary and Secondary School	469	485	16	3.41	2	14	16	2	N/A
11-9033	Education Administrators, Postsecondary	65	70	5	7.69	0	2	2	2	\$62.04
11-9039	Education Administrators, All Other	37	39	2	5.41	0	1	1	3	\$36.21
11-9041	Architectural and Engineering Managers	46	47	1	2.17	0	1	1	3	\$39.93
11-9051	Food Service Managers	324	340	16	4.94	2	6	8	7	\$21.63
11-9061	Funeral Service Managers	*	*	*	*	*	*	*	4	N/A
11-9081	Lodging Managers	*	*	*	*	*	*	*	7	N/A
11-9111	Medical and Health Services Managers	361	416	55	15.24	6	9	15	3	\$35.57
11-9121	Natural Sciences Managers	*	*	*	*	*	*	*	3	\$45.35
11-9131	Postmasters and Mail Superintendents	64	54	-10	-15.62	0	1	1	7	\$31.59
11-9141	Property, Real Estate, and Community Association Managers	347	326	-21	-6.05	0	6	6	7	\$32.21
11-9151	Social and Community Service Managers	266	283	17	6.39	2	7	9	3	\$22.74
11-9161	Emergency Management Directors	16	16	0	0	0	0	0	3	\$24.78
11-9199	Managers, All Other	156	167	11	7.05	1	3	4	3	\$42.27
13-0000	Business and Financial Operations Occupations	2,926	3,039	113	3.86	19	63	82	N/A	\$26.08

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
		Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
13-1000	Business Operations Specialists	1,490	1,482	-8	-0.54	7	28	35	N/A	N/A
13-1021	Buyers and Purchasing Agents, Farm Products	*	*	*	*	*	*	*	3	N/A
13-1022	Wholesale and Retail Buyers, Except Farm Products	*	*	*	*	*	*	*	3	\$26.31
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	82	79	-3	-3.66	0	2	2	3	\$24.08
13-1031	Claims Adjusters, Examiners, and Investigators	120	123	3	2.5	0	3	3	7	N/A
13-1041	Compliance Officers	532	460	-72	-13.53	0	8	8	3	\$26.08
13-1051	Cost Estimators	*	*	*	*	*	*	*	3	\$23.86
13-1071	Human Resources Specialists	196	203	7	3.57	1	5	6	3	\$21.26
13-1075	Labor Relations Specialists	63	61	-2	-3.17	0	2	2	3	\$13.13
13-1081	Logisticians	*	*	*	*	*	*	*	3	N/A
13-1111	Management Analysts	*	*	*	*	*	*	*	3	\$57.57
13-1121	Meeting, Convention, and Event Planners	*	*	*	*	*	*	*	3	N/A
13-1131	Fundraisers	*	*	*	*	*	*	*	3	\$21.54
13-1141	Compensation, Benefits, and Job Analysis Specialists	*	*	*	*	*	*	*	3	\$26.62
13-1151	Training and Development Specialists	107	120	13	12.15	1	3	4	3	\$26.65
13-1161	Market Research Analysts and Marketing Specialists	47	61	14	29.79	1	1	2	3	\$23.90
13-1199	Business Operations Specialists, All Other	223	245	22	9.87	2	3	5	3	\$28.23
13-2000	Financial Specialists	1,436	1,557	121	8.43	12	35	47	N/A	N/A
13-2011	Accountants and Auditors	800	829	29	3.62	3	21	24	3	\$28.06

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
13-2021	Appraisers and Assessors of Real Estate	*	*	*	*	*	*	*	3	\$26.96
13-2031	Budget Analysts	*	*	*	*	*	*	*	3	\$28.19
13-2041	Credit Analysts	27	31	4	14.81	0	1	1	3	\$26.37
13-2051	Financial Analysts	*	*	*	*	*	*	*	3	N/A
13-2052	Personal Financial Advisors	28	45	17	60.71	2	1	3	3	N/A
13-2053	Insurance Underwriters	*	*	*	*	*	*	*	3	N/A
13-2061	Financial Examiners	19	24	5	26.32	0	0	0	3	\$24.46
13-2071	Credit Counselors	18	19	1	5.56	0	0	0	3	\$16.56
13-2072	Loan Officers	298	348	50	16.78	5	5	10	3	\$26.18
13-2081	Tax Examiners and Collectors, and Revenue Agents	34	34	0	0	0	1	1	3	\$22.18
13-2082	Tax Preparers	127	140	13	10.24	1	3	4	7	\$9.90
13-2099	Financial Specialists, All Other	46	49	3	6.52	0	0	0	3	\$21.23
15-0000	Computer and Mathematical Occupations	698	847	149	21.35	15	9	24	N/A	\$28.70
15-1100	Computer Occupations	687	830	143	20.82	14	9	23	N/A	N/A
15-1111	Computer and Information Research Scientists	*	*	*	*	*	*	*	1	N/A
15-1121	Computer Systems Analysts	*	*	*	*	*	*	*	3	\$36.62
15-1122	Information Security Analysts	*	*	*	*	*	*	*	3	N/A
15-1131	Computer Programmers	*	*	*	*	*	*	*	3	N/A
15-1132	Software Developers, Applications	*	*	*	*	*	*	*	3	\$34.73

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
15-1133	Software Developers, Systems Software	*	*	*	*	*	*	*	3	N/A
15-1134	Web Developers	*	*	*	*	*	*	*	4	\$24.99
15-1141	Database Administrators	*	*	*	*	*	*	*	3	\$37.04
15-1142	Network and Computer Systems Administrators	112	120	8	7.14	1	1	2	3	\$25.31
15-1143	Computer Network Architects	92	111	19	20.65	2	1	3	3	\$38.62
15-1151	Computer User Support Specialists	174	212	38	21.84	4	2	6	6	\$17.47
15-1152	Computer Network Support Specialists	*	*	*	*	*	*	*	4	\$22.75
15-1199	Computer Occupations, All Other	106	126	20	18.87	2	1	3	3	\$37.54
15-2000	Mathematical Science Occupations	11	17	6	54.55	1	0	1	N/A	N/A
15-2031	Operations Research Analysts	*	*	*	*	*	*	*	3	N/A
15-2041	Statisticians	*	*	*	*	*	*	*	2	N/A
17-0000	Architecture and Engineering Occupations	1,414	1,262	-152	-10.75	4	30	34	N/A	\$29.93
17-1000	Architects, Surveyors, and Cartographers	177	146	-31	-17.51	0	5	5	N/A	N/A
17-1011	Architects, Except Landscape and Naval	*	*	*	*	*	*	*	3	N/A
17-1012	Landscape Architects	*	*	*	*	*	*	*	3	N/A
17-1021	Cartographers and Photogrammetrists	*	*	*	*	*	*	*	3	N/A
17-1022	Surveyors	165	131	-34	-20.61	0	5	5	3	\$27.20
17-2000	Engineers	489	466	-23	-4.7	2	13	15	N/A	N/A
17-2011	Aerospace Engineers	*	*	*	*	*	*	*	3	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
		Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
17-2031	Biomedical Engineers	*	*	*	*	*	*	*	3	N/A
17-2051	Civil Engineers	173	182	9	5.2	1	5	6	3	\$37.75
17-2071	Electrical Engineers	*	*	*	*	*	*	*	3	\$41.87
17-2072	Electronics Engineers, Except Computer	*	*	*	*	*	*	*	3	N/A
17-2081	Environmental Engineers	*	*	*	*	*	*	*	3	\$38.03
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	*	*	*	*	*	*	*	3	N/A
17-2112	Industrial Engineers	*	*	*	*	*	*	*	3	\$35.27
17-2131	Materials Engineers	*	*	*	*	*	*	*	3	N/A
17-2141	Mechanical Engineers	*	*	*	*	*	*	*	3	\$42.06
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	*	*	*	*	*	*	*	3	\$54.96
17-2199	Engineers, All Other	*	*	*	*	*	*	*	3	N/A
17-3000	Drafters, Engineering Technicians, and Mapping Technicians	748	650	-98	-13.1	2	12	14	N/A	N/A
17-3011	Architectural and Civil Drafters	46	43	-3	-6.52	0	0	0	4	\$21.56
17-3012	Electrical and Electronics Drafters	*	*	*	*	*	*	*	4	N/A
17-3013	Mechanical Drafters	*	*	*	*	*	*	*	4	N/A
17-3019	Drafters, All Other	*	*	*	*	*	*	*	4	N/A
17-3022	Civil Engineering Technicians	179	184	5	2.79	0	4	4	4	\$22.19
17-3023	Electrical and Electronics Engineering Technicians	*	*	*	*	*	*	*	4	\$24.36
17-3025	Environmental Engineering Technicians	*	*	*	*	*	*	*	4	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
17-3027	Mechanical Engineering Technicians	*	*	*	*	*	*	*	4	N/A
17-3029	Engineering Technicians, Except Drafters, All Other	*	*	*	*	*	*	*	4	N/A
17-3031	Surveying and Mapping Technicians	414	301	-113	-27.29	0	5	5	7	\$18.28
19-0000	Life, Physical, and Social Science Occupations	587	643	56	9.54	6	17	23	N/A	\$25.87
19-1000	Life Scientists	101	108	7	6.93	1	4	5	N/A	N/A
19-1012	Food Scientists and Technologists	*	*	*	*	*	*	*	3	N/A
19-1013	Soil and Plant Scientists	*	*	*	*	*	*	*	3	N/A
19-1023	Zoologists and Wildlife Biologists	*	*	*	*	*	*	*	3	\$24.96
19-1029	Biological Scientists, All Other	23	24	1	4.35	0	1	1	3	\$30.39
19-1031	Conservation Scientists	*	*	*	*	*	*	*	3	\$29.84
19-1032	Foresters	39	42	3	7.69	0	2	2	3	N/A
19-1041	Epidemiologists	*	*	*	*	*	*	*	2	N/A
19-2000	Physical Scientists	161	175	14	8.7	1	4	5	N/A	N/A
19-2021	Atmospheric and Space Scientists	13	13	0	0	0	0	0	3	N/A
19-2031	Chemists	20	26	6	30	1	0	1	3	\$42.28
19-2041	Environmental Scientists and Specialists, Including Health	115	121	6	5.22	1	4	5	3	\$22.18
19-2042	Geoscientists, Except Hydrologists and Geographers	*	*	*	*	*	*	*	3	N/A
19-2099	Physical Scientists, All Other	*	*	*	*	*	*	*	3	N/A
19-3000	Social Scientists and Related Workers	150	165	15	10	2	3	5	N/A	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
19-3011	Economists	*	*	*	*	*	*	*	2	N/A
19-3031	Clinical, Counseling, and School Psychologists	85	99	14	16.47	1	2	3	1	\$28.10
19-3039	Psychologists, All Other	*	*	*	*	*	*	*	2	N/A
19-3051	Urban and Regional Planners	12	11	-1	-8.33	0	0	0	2	\$22.40
19-3093	Historians	*	*	*	*	*	*	*	2	N/A
19-3099	Social Scientists and Related Workers, All Other	41	42	1	2.44	0	0	0	3	\$31.18
19-4000	Life, Physical, and Social Science Technicians	175	195	20	11.43	2	6	8	N/A	N/A
19-4011	Agricultural and Food Science Technicians	*	*	*	*	*	*	*	4	N/A
19-4021	Biological Technicians	*	*	*	*	*	*	*	3	N/A
19-4031	Chemical Technicians	61	71	10	16.39	1	2	3	4	\$17.12
19-4041	Geological and Petroleum Technicians	*	*	*	*	*	*	*	4	\$27.93
19-4091	Environmental Science and Protection Technicians, Including Health	*	*	*	*	*	*	*	4	\$21.31
19-4093	Forest and Conservation Technicians	26	27	1	3.85	0	1	1	4	\$18.65
19-4099	Life, Physical, and Social Science Technicians, All Other	30	34	4	13.33	0	1	1	4	\$27.90
21-0000	Community and Social Service Occupations	3,210	3,528	318	9.91	32	71	103	N/A	\$17.79
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	*	*	*	*	*	*	*	N/A	N/A
21-1011	Substance Abuse and Behavioral Disorder Counselors	205	259	54	26.34	5	4	9	3	\$18.15
21-1012	Educational, Guidance, School, and Vocational Counselors	262	278	16	6.11	2	6	8	2	\$26.03
21-1013	Marriage and Family Therapists	*	*	*	*	*	*	*	2	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
21-1014	Mental Health Counselors	268	311	43	16.04	4	6	10	2	\$17.38
21-1015	Rehabilitation Counselors	127	139	12	9.45	1	3	4	2	\$18.56
21-1019	Counselors, All Other	*	*	*	*	*	*	*	2	N/A
21-1021	Child, Family, and School Social Workers	1,157	1,193	36	3.11	4	28	32	3	\$17.81
21-1022	Healthcare Social Workers	190	228	38	20	4	5	9	2	\$20.44
21-1023	Mental Health and Substance Abuse Social Workers	182	215	33	18.13	3	4	7	3	\$16.17
21-1029	Social Workers, All Other	40	41	1	2.5	0	1	1	3	\$18.49
21-1091	Health Educators	41	42	1	2.44	0	1	1	3	\$19.80
21-1092	Probation Officers and Correctional Treatment Specialists	91	94	3	3.3	0	2	2	3	N/A
21-1093	Social and Human Service Assistants	463	512	49	10.58	5	9	14	7	\$12.85
21-1094	Community Health Workers	114	131	17	14.91	2	2	4	7	\$11.47
21-1099	Community and Social Service Specialists, All Other	*	*	*	*	*	*	*	2	\$18.96
21-2000	Religious Workers	*	*	*	*	*	*	*	N/A	N/A
21-2011	Clergy	*	*	*	*	*	*	*	3	\$23.76
21-2021	Directors, Religious Activities and Education	*	*	*	*	*	*	*	3	N/A
23-0000	Legal Occupations	781	843	62	7.94	6	13	19	N/A	\$36.67
23-1000	Lawyers, Judges, and Related Workers	565	612	47	8.32	5	8	13	N/A	N/A
23-1011	Lawyers	507	554	47	9.27	5	7	12	1	\$42.71
23-1012	Judicial Law Clerks	*	*	*	*	*	*	*	1	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	*	*	*	*	*	*	*	1	N/A
23-1023	Judges, Magistrate Judges, and Magistrates	48	48	0	0	0	1	1	1	\$57.29
23-2000	Legal Support Workers	216	231	15	6.94	2	5	7	N/A	N/A
23-2011	Paralegals and Legal Assistants	164	177	13	7.93	1	4	5	4	\$19.91
23-2091	Court Reporters	*	*	*	*	*	*	*	5	\$15.30
23-2093	Title Examiners, Abstractors, and Searchers	*	*	*	*	*	*	*	7	N/A
23-2099	Legal Support Workers, All Other	18	19	1	5.56	0	0	0	7	N/A
25-0000	Education, Training, and Library Occupations	8,615	8,967	352	4.09	36	189	225	N/A	\$21.64
25-1000	Postsecondary Teachers	819	891	72	8.79	7	15	22	N/A	N/A
25-1011	Business Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1021	Computer Science Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1022	Mathematical Science Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1042	Biological Science Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1052	Chemistry Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1054	Physics Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1063	Economics Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1065	Political Science Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1066	Psychology Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
		Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
25-1067	Sociology Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1069	Social Sciences Teachers, Postsecondary, All Other	*	*	*	*	*	*	*	1	N/A
25-1071	Health Specialties Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1072	Nursing Instructors and Teachers, Postsecondary	*	*	*	*	*	*	*	2	N/A
25-1081	Education Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1113	Social Work Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1121	Art, Drama, and Music Teachers, Postsecondary	*	*	*	*	*	*	*	2	N/A
25-1122	Communications Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1123	English Language and Literature Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1124	Foreign Language and Literature Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1125	History Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1126	Philosophy and Religion Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	*	*	*	*	*	*	*	1	N/A
25-1194	Vocational Education Teachers, Postsecondary	252	263	11	4.37	1	4	5	3	\$22.39
25-1199	Postsecondary Teachers, All Other	*	*	*	*	*	*	*	1	N/A
25-2000	Preschool, Primary, Secondary, and Special Education School Teachers	5,146	5,330	184	3.58	18	117	135	N/A	N/A
25-2011	Preschool Teachers, Except Special Education	254	265	11	4.33	1	7	8	4	\$15.85
25-2012	Kindergarten Teachers, Except Special Education	273	283	10	3.66	1	8	9	3	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
		Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
25-2021	Elementary School Teachers, Except Special Education	2,110	2,185	75	3.55	8	47	55	3	N/A
25-2022	Middle School Teachers, Except Special and Career/Technical Education	537	556	19	3.54	2	12	14	3	N/A
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	1,187	1,230	43	3.62	4	28	32	3	N/A
25-2032	Career/Technical Education Teachers, Secondary School	33	32	-1	-3.03	0	1	1	3	N/A
25-2051	Special Education Teachers, Preschool	*	*	*	*	*	*	*	3	N/A
25-2052	Special Education Teachers, Kindergarten and Elementary School	379	392	13	3.43	1	7	8	3	N/A
25-2053	Special Education Teachers, Middle School	112	116	4	3.57	0	2	2	3	N/A
25-2054	Special Education Teachers, Secondary School	220	228	8	3.64	1	4	5	3	N/A
25-2059	Special Education Teachers, All Other	41	43	2	4.88	0	1	1	3	N/A
25-3000	Other Teachers and Instructors	343	357	14	4.08	1	6	7	N/A	N/A
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	73	74	1	1.37	0	1	1	3	\$18.00
25-3021	Self-Enrichment Education Teachers	*	*	*	*	*	*	*	7	N/A
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	221	229	8	3.62	1	4	5	3	N/A
25-3098	Substitute Teachers	*	*	*	*	*	*	*	3	N/A
25-4000	Librarians, Curators, and Archivists	271	267	-4	-1.48	0	6	6	N/A	N/A
25-4021	Librarians	*	*	*	*	*	*	*	2	\$25.08
25-4031	Library Technicians	*	*	*	*	*	*	*	5	\$15.18
25-9000	Other Education, Training, and Library Occupations	2,036	2,122	86	4.22	9	44	53	N/A	N/A
25-9031	Instructional Coordinators	168	177	9	5.36	1	2	3	2	\$29.38

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
25-9041	Teacher Assistants	1,695	1,762	67	3.95	7	41	48	6	N/A
25-9099	Education, Training, and Library Workers, All Other	173	183	10	5.78	1	2	3	3	\$17.12
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	779	764	-15	-1.93	3	22	25	N/A	\$16.04
27-1000	Art and Design Workers	*	*	*	*	*	*	*	N/A	N/A
27-1023	Floral Designers	58	56	-2	-3.45	0	1	1	7	\$9.30
27-1024	Graphic Designers	28	33	5	17.86	0	1	1	3	\$19.56
27-1025	Interior Designers	*	*	*	*	*	*	*	3	N/A
27-1026	Merchandise Displayers and Window Trimmers	35	38	3	8.57	0	1	1	7	\$14.57
27-1027	Set and Exhibit Designers	*	*	*	*	*	*	*	3	N/A
27-2000	Entertainers and Performers, Sports and Related Workers	251	263	12	4.78	2	9	11	N/A	N/A
27-2011	Actors	*	*	*	*	*	*	*	6	N/A
27-2012	Producers and Directors	66	63	-3	-4.55	0	2	2	3	\$15.08
27-2021	Athletes and Sports Competitors	*	*	*	*	*	*	*	N/A	N/A
27-2022	Coaches and Scouts	100	104	4	4	0	3	3	3	N/A
27-2041	Music Directors and Composers	*	*	*	*	*	*	*	3	N/A
27-3000	Media and Communication Workers	371	338	-33	-8.89	1	9	10	N/A	N/A
27-3011	Radio and Television Announcers	144	109	-35	-24.31	0	4	4	3	\$9.85
27-3022	Reporters and Correspondents	66	65	-1	-1.52	0	2	2	3	\$11.31
27-3031	Public Relations Specialists	59	64	5	8.47	0	1	1	3	\$22.06

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
27-3041	Editors	*	*	*	*	*	*	*	3	\$16.67
27-3042	Technical Writers	*	*	*	*	*	*	*	3	\$27.25
27-3043	Writers and Authors	*	*	*	*	*	*	*	3	\$14.52
27-3091	Interpreters and Translators	*	*	*	*	*	*	*	3	N/A
27-3099	Media and Communication Workers, All Other	*	*	*	*	*	*	*	7	N/A
27-4000	Media and Communication Equipment Workers	*	*	*	*	*	*	*	N/A	N/A
27-4011	Audio and Video Equipment Technicians	*	*	*	*	*	*	*	5	N/A
27-4012	Broadcast Technicians	*	*	*	*	*	*	*	4	N/A
27-4021	Photographers	*	*	*	*	*	*	*	7	N/A
27-4031	Camera Operators, Television, Video, and Motion Picture	*	*	*	*	*	*	*	3	N/A
29-0000	Healthcare Practitioners and Technical Occupations	10,857	12,243	1386	12.77	142	231	373	N/A	\$29.19
29-1000	Health Diagnosing and Treating Practitioners	5,880	6,650	770	13.1	77	139	216	N/A	N/A
29-1011	Chiropractors	38	39	1	2.63	0	1	1	1	\$24.07
29-1021	Dentists, General	*	*	*	*	*	*	*	1	\$55.22
29-1029	Dentists, All Other Specialists	*	*	*	*	*	*	*	1	N/A
29-1031	Dietitians and Nutritionists	42	46	4	9.52	0	0	0	3	\$28.41
29-1041	Optometrists	25	29	4	16	0	1	1	1	\$60.22
29-1051	Pharmacists	462	514	52	11.26	5	11	16	1	\$55.01
29-1061	Anesthesiologists	*	*	*	*	*	*	*	1	\$142.56

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
29-1062	Family and General Practitioners	163	162	-1	-0.61	0	4	4	1	\$93.41
29-1063	Internists, General	42	41	-1	-2.38	0	1	1	1	\$123.19
29-1064	Obstetricians and Gynecologists	*	*	*	*	*	*	*	1	\$138.29
29-1065	Pediatricians, General	*	*	*	*	*	*	*	1	\$87.73
29-1066	Psychiatrists	*	*	*	*	*	*	*	1	N/A
29-1067	Surgeons	*	*	*	*	*	*	*	1	\$140.04
29-1069	Physicians and Surgeons, All Other	120	132	12	10	1	3	4	1	\$122.08
29-1071	Physician Assistants	*	*	*	*	*	*	*	2	\$41.68
29-1122	Occupational Therapists	47	56	9	19.15	1	1	2	2	\$36.49
29-1123	Physical Therapists	92	115	23	25	2	2	4	1	\$35.61
29-1124	Radiation Therapists	*	*	*	*	*	*	*	4	N/A
29-1125	Recreational Therapists	*	*	*	*	*	*	*	3	N/A
29-1126	Respiratory Therapists	208	235	27	12.98	3	5	8	4	\$20.70
29-1127	Speech-Language Pathologists	153	167	14	9.15	1	4	5	2	\$30.15
29-1128	Exercise Physiologists	*	*	*	*	*	*	*	3	N/A
29-1129	Therapists, All Other	60	64	4	6.67	0	1	1	3	\$45.86
29-1131	Veterinarians	38	44	6	15.79	1	1	2	1	\$38.54
29-1141	Registered Nurses	3,586	4,082	496	13.83	50	85	135	3	\$25.80
29-1151	Nurse Anesthetists	*	*	*	*	*	*	*	2	\$67.05

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
29-1161	Nurse Midwives	*	*	*	*	*	*	*	2	N/A
29-1171	Nurse Practitioners	284	360	76	26.76	8	7	15	2	\$40.44
29-1181	Audiologists	*	*	*	*	*	*	*	1	N/A
29-2000	Health Technologists and Technicians	4,662	5,280	618	13.26	64	86	150	N/A	N/A
29-2011	Medical and Clinical Laboratory Technologists	220	236	16	7.27	2	5	7	3	\$26.45
29-2012	Medical and Clinical Laboratory Technicians	136	148	12	8.82	1	3	4	4	\$19.96
29-2021	Dental Hygienists	125	130	5	4	0	2	2	4	\$23.40
29-2031	Cardiovascular Technologists and Technicians	*	*	*	*	*	*	*	4	\$25.12
29-2032	Diagnostic Medical Sonographers	*	*	*	*	*	*	*	4	\$33.18
29-2033	Nuclear Medicine Technologists	*	*	*	*	*	*	*	4	\$25.73
29-2034	Radiologic Technologists	332	339	7	2.11	1	6	7	4	\$23.14
29-2035	Magnetic Resonance Imaging Technologists	12	12	0	0	0	0	0	4	\$31.21
29-2041	Emergency Medical Technicians and Paramedics	932	1,069	137	14.7	14	15	29	5	\$13.69
29-2052	Pharmacy Technicians	1,009	1,242	233	23.09	23	10	33	7	\$12.96
29-2054	Respiratory Therapy Technicians	79	62	-17	-21.52	0	1	1	4	\$19.93
29-2055	Surgical Technologists	138	151	13	9.42	1	1	2	5	\$18.25
29-2056	Veterinary Technologists and Technicians	33	43	10	30.3	1	0	1	4	\$13.16
29-2061	Licensed Practical and Licensed Vocational Nurses	1,010	1,116	106	10.5	11	29	40	5	\$16.93
29-2071	Medical Records and Health Information Technicians	313	347	34	10.86	3	7	10	5	\$15.71

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
29-2081	Opticians, Dispensing	*	*	*	*	*	*	*	7	\$17.85
29-2092	Hearing Aid Specialists	*	*	*	*	*	*	*	7	N/A
29-2099	Health Technologists and Technicians, All Other	*	*	*	*	*	*	*	7	\$21.96
29-9000	Other Healthcare Practitioners and Technical Occupations	315	313	-2	-0.63	1	6	7	N/A	N/A
29-9011	Occupational Health and Safety Specialists	226	234	8	3.54	1	4	5	3	\$39.00
29-9012	Occupational Health and Safety Technicians	54	41	-13	-24.07	0	1	1	7	\$24.56
29-9091	Athletic Trainers	*	*	*	*	*	*	*	3	N/A
29-9099	Healthcare Practitioners and Technical Workers, All Other	*	*	*	*	*	*	*	5	\$32.20
31-0000	Healthcare Support Occupations	3,957	4,624	667	16.86	67	89	156	N/A	\$12.31
31-1000	Nursing, Psychiatric, and Home Health Aides	2,432	2,926	494	20.31	50	55	105	N/A	N/A
31-1011	Home Health Aides	190	226	36	18.95	4	4	8	N/A	\$10.99
31-1013	Psychiatric Aides	*	*	*	*	*	*	*	7	N/A
31-1014	Nursing Assistants	2,178	2,634	456	20.94	46	49	95	5	\$10.81
31-1015	Orderlies	*	*	*	*	*	*	*	7	N/A
31-2000	Occupational Therapy and Physical Therapist Assistants and Aides	169	215	46	27.22	5	5	10	N/A	N/A
31-2011	Occupational Therapy Assistants	*	*	*	*	*	*	*	4	\$22.98
31-2012	Occupational Therapy Aides	*	*	*	*	*	*	*	7	N/A
31-2021	Physical Therapist Assistants	81	106	25	30.86	2	2	4	4	\$23.70
31-2022	Physical Therapist Aides	75	92	17	22.67	2	2	4	7	\$12.61

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
		Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
31-9000	Other Healthcare Support Occupations	1,356	1,483	127	9.37	13	29	42	N/A	N/A
31-9011	Massage Therapists	*	*	*	*	*	*	*	5	N/A
31-9091	Dental Assistants	199	207	8	4.02	1	5	6	5	\$14.41
31-9092	Medical Assistants	724	805	81	11.19	8	15	23	5	\$13.60
31-9093	Medical Equipment Preparers	*	*	*	*	*	*	*	7	\$14.87
31-9094	Medical Transcriptionists	93	91	-2	-2.15	0	2	2	5	\$15.71
31-9095	Pharmacy Aides	*	*	*	*	*	*	*	7	\$12.59
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	61	72	11	18.03	1	1	2	7	\$9.39
31-9097	Phlebotomists	123	139	16	13.01	2	3	5	5	\$14.12
31-9099	Healthcare Support Workers, All Other	56	58	2	3.57	0	1	1	7	\$16.83
33-0000	Protective Service Occupations	3,485	3,559	74	2.12	8	84	92	N/A	\$14.83
33-1000	Supervisors of Protective Service Workers	274	278	4	1.46	0	9	9	N/A	N/A
33-1011	First-Line Supervisors of Correctional Officers	158	161	3	1.9	0	5	5	7	\$21.35
33-1012	First-Line Supervisors of Police and Detectives	73	73	0	0	0	3	3	7	\$27.11
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	*	*	*	*	*	*	*	5	\$29.50
33-1099	First-Line Supervisors of Protective Service Workers, All Other	*	*	*	*	*	*	*	7	\$30.85
33-2000	Fire Fighting and Prevention Workers	82	85	3	3.66	0	2	2	N/A	N/A
33-2011	Firefighters	*	*	*	*	*	*	*	5	N/A
33-2021	Fire Inspectors and Investigators	*	*	*	*	*	*	*	5	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
33-3000	Law Enforcement Workers	1,948	1,988	40	2.05	4	56	60	N/A	N/A
33-3011	Bailiffs	79	78	-1	-1.27	0	2	2	7	\$11.36
33-3012	Correctional Officers and Jailers	1,344	1,389	45	3.35	4	37	41	7	\$16.94
33-3021	Detectives and Criminal Investigators	25	25	0	0	0	1	1	7	\$29.98
33-3031	Fish and Game Wardens	*	*	*	*	*	*	*	3	N/A
33-3041	Parking Enforcement Workers	*	*	*	*	*	*	*	7	N/A
33-3051	Police and Sheriff's Patrol Officers	483	479	-4	-0.83	0	16	16	7	\$16.49
33-9000	Other Protective Service Workers	1,181	1,208	27	2.29	3	17	20	N/A	N/A
33-9011	Animal Control Workers	*	*	*	*	*	*	*	7	\$12.53
33-9021	Private Detectives and Investigators	*	*	*	*	*	*	*	7	N/A
33-9032	Security Guards	976	997	21	2.15	2	14	16	7	\$9.25
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	100	103	3	3	0	1	1	N/A	\$9.17
33-9099	Protective Service Workers, All Other	88	92	4	4.55	0	1	1	7	\$14.16
35-0000	Food Preparation and Serving Related Occupations	9,884	10,424	540	5.46	70	324	394	N/A	\$9.57
35-1000	Supervisors of Food Preparation and Serving Workers	1,019	1,103	84	8.24	8	30	38	N/A	N/A
35-1011	Chefs and Head Cooks	42	45	3	7.14	0	1	1	7	\$25.25
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	977	1,058	81	8.29	8	29	37	7	\$13.60
35-2000	Cooks and Food Preparation Workers	2,850	2,810	-40	-1.4	11	76	87	N/A	N/A
35-2011	Cooks, Fast Food	497	416	-81	-16.3	0	13	13	N/A	\$8.98

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
35-2012	Cooks, Institution and Cafeteria	1,216	1,170	-46	-3.78	0	32	32	N/A	\$10.56
35-2013	Cooks, Private Household	19	22	3	15.79	0	0	0	5	N/A
35-2014	Cooks, Restaurant	509	578	69	13.56	7	14	21	N/A	\$9.28
35-2015	Cooks, Short Order	*	*	*	*	*	*	*	N/A	\$8.94
35-2019	Cooks, All Other	*	*	*	*	*	*	*	N/A	N/A
35-2021	Food Preparation Workers	289	331	42	14.53	4	8	12	N/A	\$9.47
35-3000	Food and Beverage Serving Workers	5,684	6,179	495	8.71	50	200	250	N/A	N/A
35-3011	Bartenders	86	94	8	9.3	1	3	4	N/A	\$8.46
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	4,528	4,988	460	10.16	46	146	192	N/A	\$8.65
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	*	*	*	*	*	*	*	N/A	N/A
35-3031	Waiters and Waitresses	960	969	9	0.94	1	46	47	N/A	\$8.76
35-3041	Food Servers, Nonrestaurant	*	*	*	*	*	*	*	N/A	\$9.65
35-9000	Other Food Preparation and Serving Related Workers	331	332	1	0.3	1	18	19	N/A	N/A
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	42	49	7	16.67	1	2	3	N/A	\$8.84
35-9021	Dishwashers	152	142	-10	-6.58	0	7	7	N/A	\$9.15
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	137	141	4	2.92	0	10	10	N/A	\$8.66
37-0000	Building and Grounds Cleaning and Maintenance Occupations	3,970	4,266	296	7.46	30	81	111	N/A	\$11.04
37-1000	Supervisors of Building and Grounds Cleaning and Maintenance Workers	304	323	19	6.25	2	5	7	N/A	N/A
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	229	247	18	7.86	2	4	6	7	\$14.87

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	75	76	1	1.33	0	1	1	7	\$18.29
37-2000	Building Cleaning and Pest Control Workers	2,834	3,082	248	8.75	25	62	87	N/A	N/A
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,507	1,592	85	5.64	8	30	38	N/A	\$10.57
37-2012	Maids and Housekeeping Cleaners	1,278	1,441	163	12.75	16	30	46	N/A	\$9.80
37-2019	Building Cleaning Workers, All Other	*	*	*	*	*	*	*	N/A	N/A
37-2021	Pest Control Workers	*	*	*	*	*	*	*	7	\$12.82
37-3000	Grounds Maintenance Workers	832	861	29	3.49	3	15	18	N/A	N/A
37-3011	Landscaping and Groundskeeping Workers	564	582	18	3.19	2	10	12	N/A	\$11.61
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	*	*	*	*	*	*	*	7	N/A
37-3013	Tree Trimmers and Pruners	244	254	10	4.1	1	4	5	7	N/A
37-3019	Grounds Maintenance Workers, All Other	23	24	1	4.35	0	0	0	N/A	N/A
39-0000	Personal Care and Service Occupations	3,774	4,054	280	7.42	33	85	118	N/A	\$10.98
39-1000	Supervisors of Personal Care and Service Workers	199	223	24	12.06	2	4	6	N/A	N/A
39-1021	First-Line Supervisors of Personal Service Workers	199	223	24	12.06	2	4	6	7	\$12.88
39-2000	Animal Care and Service Workers	*	*	*	*	*	*	*	N/A	N/A
39-2021	Nonfarm Animal Caretakers	*	*	*	*	*	*	*	7	\$11.26
39-3000	Entertainment Attendants and Related Workers	139	152	13	9.35	1	6	7	N/A	N/A
39-3031	Ushers, Lobby Attendants, and Ticket Takers	*	*	*	*	*	*	*	N/A	N/A
39-3091	Amusement and Recreation Attendants	90	94	4	4.44	0	4	4	N/A	\$8.54

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
39-3099	Entertainment Attendants and Related Workers, All Other	*	*	*	*	*	*	*	7	\$10.71
39-4000	Funeral Service Workers	234	203	-31	-13.25	0	5	5	N/A	N/A
39-4011	Embalmers	*	*	*	*	*	*	*	5	N/A
39-4021	Funeral Attendants	*	*	*	*	*	*	*	7	\$10.73
39-4031	Morticians, Undertakers, and Funeral Directors	164	147	-17	-10.37	0	4	4	4	\$20.42
39-5000	Personal Appearance Workers	244	237	-7	-2.87	1	6	7	N/A	N/A
39-5011	Barbers	*	*	*	*	*	*	*	5	N/A
39-5012	Hairdressers, Hairstylists, and Cosmetologists	197	183	-14	-7.11	0	5	5	5	\$9.82
39-5094	Skincare Specialists	*	*	*	*	*	*	*	5	N/A
39-7000	Tour and Travel Guides	*	*	*	*	*	*	*	N/A	N/A
39-7011	Tour Guides and Escorts	*	*	*	*	*	*	*	7	\$10.39
39-9000	Other Personal Care and Service Workers	2,913	3,192	279	9.58	28	63	91	N/A	N/A
39-9011	Childcare Workers	1,183	1,246	63	5.33	6	35	41	7	\$9.41
39-9021	Personal Care Aides	952	1,076	124	13.03	12	8	20	N/A	\$9.38
39-9031	Fitness Trainers and Aerobics Instructors	*	*	*	*	*	*	*	7	\$12.22
39-9032	Recreation Workers	170	190	20	11.76	2	3	5	7	\$14.47
39-9041	Residential Advisors	505	576	71	14.06	7	15	22	7	\$10.98
39-9099	Personal Care and Service Workers, All Other	*	*	*	*	*	*	*	7	\$11.53
41-0000	Sales and Related Occupations	12,580	13,070	490	3.9	54	424	478	N/A	\$12.55

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
41-1000	Supervisors of Sales Workers	2,038	2,178	140	6.87	14	45	59	N/A	N/A
41-1011	First-Line Supervisors of Retail Sales Workers	1,953	2,090	137	7.01	14	44	58	7	\$17.11
41-1012	First-Line Supervisors of Non-Retail Sales Workers	85	88	3	3.53	0	1	1	7	\$28.15
41-2000	Retail Sales Workers	9,257	9,607	350	3.78	36	353	389	N/A	N/A
41-2011	Cashiers	5,019	5,103	84	1.67	8	214	222	N/A	\$9.03
41-2021	Counter and Rental Clerks	224	211	-13	-5.8	0	6	6	N/A	\$10.54
41-2022	Parts Salespersons	390	422	32	8.21	3	9	12	N/A	\$12.09
41-2031	Retail Salespersons	3,624	3,871	247	6.82	25	126	151	N/A	\$11.47
41-3000	Sales Representatives, Services	498	508	10	2.01	3	12	15	N/A	N/A
41-3011	Advertising Sales Agents	64	60	-4	-6.25	0	2	2	7	\$20.44
41-3021	Insurance Sales Agents	218	202	-16	-7.34	0	6	6	7	\$17.04
41-3031	Securities, Commodities, and Financial Services Sales Agents	*	*	*	*	*	*	*	3	\$28.60
41-3099	Sales Representatives, Services, All Other	*	*	*	*	*	*	*	7	\$24.78
41-4000	Sales Representatives, Wholesale and Manufacturing	577	571	-6	-1.04	0	12	12	N/A	N/A
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	62	63	1	1.61	0	1	1	3	\$40.29
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	515	508	-7	-1.36	0	11	11	7	\$28.61
41-9000	Other Sales and Related Workers	210	206	-4	-1.9	1	2	3	N/A	N/A
41-9011	Demonstrators and Product Promoters	18	18	0	0	0	0	0	7	N/A
41-9021	Real Estate Brokers	*	*	*	*	*	*	*	7	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
41-9022	Real Estate Sales Agents	138	125	-13	-9.42	0	1	1	7	\$17.97
41-9031	Sales Engineers	*	*	*	*	*	*	*	3	N/A
41-9099	Sales and Related Workers, All Other	*	*	*	*	*	*	*	7	\$15.02
43-0000	Office and Administrative Support Occupations	18,355	18,833	478	2.6	97	379	476	N/A	\$14.35
43-1000	Supervisors of Office and Administrative Support Workers	*	*	*	*	*	*	*	N/A	N/A
43-1011	First-Line Supervisors of Office and Administrative Support Workers	*	*	*	*	*	*	*	7	\$20.52
43-2000	Communications Equipment Operators	*	*	*	*	*	*	*	N/A	N/A
43-2011	Switchboard Operators, Including Answering Service	*	*	*	*	*	*	*	7	\$13.32
43-3000	Financial Clerks	3,381	3,219	-162	-4.79	5	65	70	N/A	N/A
43-3011	Bill and Account Collectors	141	140	-1	-0.71	0	3	3	7	\$15.51
43-3021	Billing and Posting Clerks	560	609	49	8.75	5	12	17	7	\$14.74
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,788	1,580	-208	-11.63	0	18	18	6	\$16.01
43-3051	Payroll and Timekeeping Clerks	169	167	-2	-1.18	0	4	4	7	\$17.31
43-3061	Procurement Clerks	*	*	*	*	*	*	*	7	\$19.96
43-3071	Tellers	685	685	0	0	0	27	27	7	\$11.34
43-3099	Financial Clerks, All Other	*	*	*	*	*	*	*	7	N/A
43-4000	Information and Record Clerks	5,503	6,085	582	10.58	60	134	194	N/A	N/A
43-4011	Brokerage Clerks	*	*	*	*	*	*	*	7	\$23.11
43-4031	Court, Municipal, and License Clerks	474	470	-4	-0.84	0	3	3	7	\$15.23

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
43-4041	Credit Authorizers, Checkers, and Clerks	*	*	*	*	*	*	*	7	N/A
43-4051	Customer Service Representatives	2,580	3,015	435	16.86	44	64	108	7	\$14.15
43-4061	Eligibility Interviewers, Government Programs	55	56	1	1.82	0	1	1	7	\$22.53
43-4071	File Clerks	144	139	-5	-3.47	0	3	3	7	\$9.00
43-4081	Hotel, Motel, and Resort Desk Clerks	346	365	19	5.49	2	18	20	7	\$8.66
43-4111	Interviewers, Except Eligibility and Loan	269	279	10	3.72	1	6	7	7	\$13.27
43-4121	Library Assistants, Clerical	146	146	0	0	0	4	4	7	\$11.75
43-4131	Loan Interviewers and Clerks	226	267	41	18.14	4	4	8	7	\$14.53
43-4141	New Accounts Clerks	*	*	*	*	*	*	*	7	N/A
43-4151	Order Clerks	*	*	*	*	*	*	*	7	\$13.68
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	76	72	-4	-5.26	0	1	1	4	\$16.49
43-4171	Receptionists and Information Clerks	995	1,066	71	7.14	7	27	34	7	\$10.32
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	*	*	*	*	*	*	*	7	N/A
43-4199	Information and Record Clerks, All Other	112	121	9	8.04	1	3	4	7	\$17.26
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	3,325	3,334	9	0.27	15	91	106	N/A	N/A
43-5011	Cargo and Freight Agents	*	*	*	*	*	*	*	7	N/A
43-5021	Couriers and Messengers	44	44	0	0	0	1	1	7	\$9.06
43-5031	Police, Fire, and Ambulance Dispatchers	133	123	-10	-7.52	0	3	3	7	\$14.70
43-5032	Dispatchers, Except Police, Fire, and Ambulance	127	126	-1	-0.79	0	3	3	7	\$16.09

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
43-5041	Meter Readers, Utilities	68	51	-17	-25	0	1	1	7	\$16.10
43-5051	Postal Service Clerks	311	263	-48	-15.43	0	4	4	7	\$20.95
43-5052	Postal Service Mail Carriers	236	200	-36	-15.25	0	5	5	7	\$24.50
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	*	*	*	*	*	*	*	7	N/A
43-5061	Production, Planning, and Expediting Clerks	*	*	*	*	*	*	*	7	\$22.42
43-5071	Shipping, Receiving, and Traffic Clerks	159	157	-2	-1.26	0	4	4	7	\$17.34
43-5081	Stock Clerks and Order Fillers	2,073	2,224	151	7.28	15	66	81	N/A	\$10.62
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	*	*	*	*	*	*	*	7	\$17.42
43-6000	Secretaries and Administrative Assistants	3,118	3,118	0	0	7	33	40	N/A	N/A
43-6011	Executive Secretaries and Executive Administrative Assistants	353	330	-23	-6.52	0	4	4	7	\$19.99
43-6012	Legal Secretaries	208	210	2	0.96	0	2	2	7	\$15.88
43-6013	Medical Secretaries	593	658	65	10.96	6	6	12	7	\$13.39
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	1,964	1,920	-44	-2.24	0	21	21	7	\$13.25
43-9000	Other Office and Administrative Support Workers	1,697	1,667	-30	-1.77	1	36	37	N/A	N/A
43-9011	Computer Operators	20	17	-3	-15	0	0	0	7	\$13.10
43-9021	Data Entry Keyers	58	56	-2	-3.45	0	1	1	7	\$13.46
43-9022	Word Processors and Typists	*	*	*	*	*	*	*	7	N/A
43-9031	Desktop Publishers	*	*	*	*	*	*	*	4	N/A
43-9041	Insurance Claims and Policy Processing Clerks	*	*	*	*	*	*	*	7	\$14.20

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	*	*	*	*	*	*	*	7	N/A
43-9061	Office Clerks, General	1,481	1,457	-24	-1.62	0	32	32	7	\$13.40
43-9071	Office Machine Operators, Except Computer	*	*	*	*	*	*	*	7	N/A
43-9111	Statistical Assistants	*	*	*	*	*	*	*	3	N/A
43-9199	Office and Administrative Support Workers, All Other	57	64	7	12.28	1	2	3	7	\$15.61
45-0000	Farming, Fishing, and Forestry Occupations	229	226	-3	-1.31	1	6	7	N/A	\$12.33
45-1000	Supervisors of Farming, Fishing, and Forestry Workers	*	*	*	*	*	*	*	N/A	N/A
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	*	*	*	*	*	*	*	7	\$19.04
45-2000	Agricultural Workers	134	143	9	6.72	1	4	5	N/A	N/A
45-2011	Agricultural Inspectors	*	*	*	*	*	*	*	3	N/A
45-2091	Agricultural Equipment Operators	*	*	*	*	*	*	*	N/A	N/A
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	38	36	-2	-5.26	0	1	1	N/A	N/A
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	*	*	*	*	*	*	*	N/A	N/A
45-4000	Forest, Conservation, and Logging Workers	*	*	*	*	*	*	*	N/A	N/A
45-4011	Forest and Conservation Workers	*	*	*	*	*	*	*	7	N/A
45-4021	Fallers	*	*	*	*	*	*	*	7	N/A
45-4022	Logging Equipment Operators	57	50	-7	-12.28	0	1	1	7	\$16.93
45-4023	Log Graders and Scalers	13	12	-1	-7.69	0	0	0	7	\$15.19
47-0000	Construction and Extraction Occupations	7,319	6,263	-1056	-14.43	1	121	122	N/A	\$21.56

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
47-1000	Supervisors of Construction and Extraction Workers	970	818	-152	-15.67	0	8	8	N/A	N/A
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	970	818	-152	-15.67	0	8	8	7	\$31.89
47-2000	Construction Trades Workers	3,551	3,170	-381	-10.73	0	59	59	N/A	N/A
47-2011	Boilermakers	*	*	*	*	*	*	*	7	N/A
47-2021	Brickmasons and Blockmasons	*	*	*	*	*	*	*	7	N/A
47-2031	Carpenters	326	318	-8	-2.45	0	4	4	7	\$15.64
47-2041	Carpet Installers	*	*	*	*	*	*	*	N/A	N/A
47-2051	Cement Masons and Concrete Finishers	60	60	0	0	0	1	1	N/A	\$17.19
47-2061	Construction Laborers	717	672	-45	-6.28	0	14	14	N/A	\$15.57
47-2071	Paving, Surfacing, and Tamping Equipment Operators	128	115	-13	-10.16	0	3	3	7	\$16.90
47-2073	Operating Engineers and Other Construction Equipment Operators	1,152	1,012	-140	-12.15	0	19	19	7	\$18.50
47-2081	Drywall and Ceiling Tile Installers	*	*	*	*	*	*	*	N/A	N/A
47-2111	Electricians	*	*	*	*	*	*	*	7	\$22.51
47-2121	Glaziers	*	*	*	*	*	*	*	7	N/A
47-2131	Insulation Workers, Floor, Ceiling, and Wall	*	*	*	*	*	*	*	N/A	N/A
47-2141	Painters, Construction and Maintenance	30	28	-2	-6.67	0	0	0	N/A	\$19.88
47-2151	Pipelayers	*	*	*	*	*	*	*	N/A	\$27.20
47-2152	Plumbers, Pipefitters, and Steamfitters	111	109	-2	-1.8	0	2	2	7	\$22.49
47-2161	Plasterers and Stucco Masons	*	*	*	*	*	*	*	N/A	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
47-2171	Reinforcing Iron and Rebar Workers	*	*	*	*	*	*	*	7	N/A
47-2181	Roofers	*	*	*	*	*	*	*	N/A	N/A
47-2211	Sheet Metal Workers	*	*	*	*	*	*	*	7	\$21.38
47-2221	Structural Iron and Steel Workers	*	*	*	*	*	*	*	7	N/A
47-3000	Helpers, Construction Trades	*	*	*	*	*	*	*	N/A	N/A
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	*	*	*	*	*	*	*	N/A	N/A
47-3012	Helpers--Carpenters	*	*	*	*	*	*	*	N/A	\$13.46
47-3013	Helpers--Electricians	*	*	*	*	*	*	*	7	N/A
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	*	*	*	*	*	*	*	7	\$10.08
47-4000	Other Construction and Related Workers	*	*	*	*	*	*	*	N/A	N/A
47-4011	Construction and Building Inspectors	78	86	8	10.26	1	2	3	7	\$22.17
47-4041	Hazardous Materials Removal Workers	*	*	*	*	*	*	*	7	N/A
47-4051	Highway Maintenance Workers	424	409	-15	-3.54	0	11	11	7	\$13.44
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	*	*	*	*	*	*	*	N/A	\$11.36
47-4099	Construction and Related Workers, All Other	*	*	*	*	*	*	*	7	N/A
47-5000	Extraction Workers	2,170	1,656	-514	-23.69	0	38	38	N/A	N/A
47-5011	Derrick Operators, Oil and Gas	*	*	*	*	*	*	*	N/A	\$20.74
47-5012	Rotary Drill Operators, Oil and Gas	*	*	*	*	*	*	*	N/A	\$17.41
47-5013	Service Unit Operators, Oil, Gas, and Mining	96	92	-4	-4.17	0	3	3	N/A	\$20.49

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
47-5021	Earth Drillers, Except Oil and Gas	*	*	*	*	*	*	*	7	\$17.44
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	*	*	*	*	*	*	*	7	\$20.68
47-5041	Continuous Mining Machine Operators	851	611	-240	-28.2	0	16	16	N/A	\$24.84
47-5042	Mine Cutting and Channeling Machine Operators	*	*	*	*	*	*	*	7	\$27.32
47-5049	Mining Machine Operators, All Other	*	*	*	*	*	*	*	7	\$18.76
47-5061	Roof Bolters, Mining	405	275	-130	-32.1	0	5	5	7	\$26.85
47-5071	Roustabouts, Oil and Gas	83	80	-3	-3.61	0	2	2	N/A	\$15.63
47-5081	Helpers--Extraction Workers	329	275	-54	-16.41	0	4	4	7	\$19.90
47-5099	Extraction Workers, All Other	*	*	*	*	*	*	*	7	\$24.89
49-0000	Installation, Maintenance, and Repair Occupations	5,685	5,754	69	1.21	18	127	145	N/A	\$19.57
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	513	509	-4	-0.78	0	10	10	N/A	N/A
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	513	509	-4	-0.78	0	10	10	7	\$25.75
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	512	566	54	10.55	6	6	12	N/A	N/A
49-2011	Computer, Automated Teller, and Office Machine Repairers	*	*	*	*	*	*	*	6	\$13.42
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairs	*	*	*	*	*	*	*	4	N/A
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	420	469	49	11.67	5	4	9	5	\$28.34
49-2092	Electric Motor, Power Tool, and Related Repairers	*	*	*	*	*	*	*	5	N/A
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	*	*	*	*	*	*	*	5	\$31.68
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	*	*	*	*	*	*	*	5	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	*	*	*	*	*	*	*	5	N/A
49-2098	Security and Fire Alarm Systems Installers	37	41	4	10.81	0	1	1	7	\$16.97
49-3000	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	1,677	1,673	-4	-0.24	5	38	43	N/A	N/A
49-3021	Automotive Body and Related Repairers	*	*	*	*	*	*	*	7	\$17.27
49-3022	Automotive Glass Installers and Repairers	*	*	*	*	*	*	*	7	N/A
49-3023	Automotive Service Technicians and Mechanics	557	587	30	5.39	3	15	18	5	\$15.25
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	403	402	-1	-0.25	0	7	7	7	\$15.54
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	431	375	-56	-12.99	0	10	10	7	\$22.41
49-3051	Motorboat Mechanics and Service Technicians	*	*	*	*	*	*	*	7	N/A
49-3052	Motorcycle Mechanics	34	37	3	8.82	0	1	1	5	\$12.64
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	*	*	*	*	*	*	*	7	\$12.74
49-3091	Bicycle Repairers	*	*	*	*	*	*	*	7	N/A
49-3093	Tire Repairers and Changers	*	*	*	*	*	*	*	7	N/A
49-9000	Other Installation, Maintenance, and Repair Occupations	2,983	3,006	23	0.77	7	73	80	N/A	N/A
49-9011	Mechanical Door Repairers	*	*	*	*	*	*	*	7	N/A
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	32	28	-4	-12.5	0	1	1	7	\$22.52
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	153	159	6	3.92	1	2	3	5	\$16.67
49-9031	Home Appliance Repairers	*	*	*	*	*	*	*	7	N/A
49-9041	Industrial Machinery Mechanics	282	319	37	13.12	4	7	11	7	\$20.61

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
49-9043	Maintenance Workers, Machinery	294	280	-14	-4.76	0	5	5	7	\$23.95
49-9051	Electrical Power-Line Installers and Repairers	204	183	-21	-10.29	0	8	8	7	\$31.80
49-9052	Telecommunications Line Installers and Repairers	291	302	11	3.78	1	5	6	7	\$21.82
49-9062	Medical Equipment Repairers	*	*	*	*	*	*	*	4	\$22.43
49-9063	Musical Instrument Repairers and Tuners	*	*	*	*	*	*	*	7	N/A
49-9064	Watch Repairers	*	*	*	*	*	*	*	7	N/A
49-9069	Precision Instrument and Equipment Repairers, All Other	*	*	*	*	*	*	*	7	\$24.49
49-9071	Maintenance and Repair Workers, General	1,372	1,374	2	0.15	0	36	36	7	\$15.60
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	*	*	*	*	*	*	*	7	N/A
49-9096	Riggers	*	*	*	*	*	*	*	7	N/A
49-9098	Helpers--Installation, Maintenance, and Repair Workers	*	*	*	*	*	*	*	7	\$14.89
49-9099	Installation, Maintenance, and Repair Workers, All Other	100	105	5	5	0	2	2	7	\$17.88
51-0000	Production Occupations	4,163	4,269	106	2.55	35	92	127	N/A	\$15.06
51-1000	Supervisors of Production Workers	398	384	-14	-3.52	0	6	6	N/A	N/A
51-1011	First-Line Supervisors of Production and Operating Workers	398	384	-14	-3.52	0	6	6	7	\$22.77
51-2000	Assemblers and Fabricators	*	*	*	*	*	*	*	N/A	N/A
51-2022	Electrical and Electronic Equipment Assemblers	*	*	*	*	*	*	*	7	N/A
51-2031	Engine and Other Machine Assemblers	*	*	*	*	*	*	*	7	N/A
51-2041	Structural Metal Fabricators and Fitters	*	*	*	*	*	*	*	7	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
51-2092	Team Assemblers	*	*	*	*	*	*	*	7	\$17.53
51-2099	Assemblers and Fabricators, All Other	*	*	*	*	*	*	*	7	\$13.11
51-3000	Food Processing Workers	1,048	1,130	82	7.82	8	21	29	N/A	N/A
51-3011	Bakers	*	*	*	*	*	*	*	N/A	\$10.28
51-3021	Butchers and Meat Cutters	238	262	24	10.08	2	5	7	N/A	\$12.03
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	*	*	*	*	*	*	*	N/A	\$8.66
51-3023	Slaughterers and Meat Packers	*	*	*	*	*	*	*	N/A	N/A
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	*	*	*	*	*	*	*	N/A	N/A
51-3092	Food Batchmakers	*	*	*	*	*	*	*	7	N/A
51-3093	Food Cooking Machine Operators and Tenders	*	*	*	*	*	*	*	7	N/A
51-3099	Food Processing Workers, All Other	*	*	*	*	*	*	*	N/A	N/A
51-4000	Metal Workers and Plastic Workers	692	607	-85	-12.28	1	18	19	N/A	N/A
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	*	*	*	*	*	*	*	7	N/A
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	*	*	*	*	*	*	*	7	N/A
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	*	*	*	*	*	*	*	7	N/A
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	*	*	*	*	*	*	*	7	N/A
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	*	*	*	*	*	*	*	7	\$14.97
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	*	*	*	*	*	*	*	7	N/A
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	*	*	*	*	*	*	*	7	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
51-4041	Machinists	65	70	5	7.69	0	2	2	7	\$18.70
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	*	*	*	*	*	*	*	7	N/A
51-4111	Tool and Die Makers	*	*	*	*	*	*	*	7	N/A
51-4121	Welders, Cutters, Solderers, and Brazers	427	397	-30	-7.03	0	12	12	7	\$17.12
51-4192	Layout Workers, Metal and Plastic	*	*	*	*	*	*	*	7	N/A
51-4194	Tool Grinders, Filers, and Sharpeners	*	*	*	*	*	*	*	7	N/A
51-5100	Printing Workers	*	*	*	*	*	*	*	N/A	N/A
51-5111	Prepress Technicians and Workers	*	*	*	*	*	*	*	5	\$11.86
51-5112	Printing Press Operators	24	26	2	8.33	0	0	0	7	\$11.91
51-5113	Print Binding and Finishing Workers	*	*	*	*	*	*	*	7	N/A
51-6000	Textile, Apparel, and Furnishings Workers	258	235	-23	-8.91	0	3	3	N/A	N/A
51-6011	Laundry and Dry-Cleaning Workers	*	*	*	*	*	*	*	N/A	\$9.97
51-6021	Pressers, Textile, Garment, and Related Materials	30	23	-7	-23.33	0	1	1	N/A	N/A
51-6031	Sewing Machine Operators	*	*	*	*	*	*	*	N/A	\$10.18
51-6052	Tailors, Dressmakers, and Custom Sewers	*	*	*	*	*	*	*	N/A	N/A
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	*	*	*	*	*	*	*	7	N/A
51-6099	Textile, Apparel, and Furnishings Workers, All Other	*	*	*	*	*	*	*	7	N/A
51-7000	Woodworkers	174	150	-24	-13.79	0	4	4	N/A	N/A
51-7011	Cabinetmakers and Bench Carpenters	*	*	*	*	*	*	*	7	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	126	107	-19	-15.08	0	4	4	7	\$11.39
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	*	*	*	*	*	*	*	7	\$8.97
51-8000	Plant and System Operators	255	250	-5	-1.96	0	8	8	N/A	N/A
51-8012	Power Distributors and Dispatchers	*	*	*	*	*	*	*	7	N/A
51-8013	Power Plant Operators	*	*	*	*	*	*	*	7	N/A
51-8021	Stationary Engineers and Boiler Operators	*	*	*	*	*	*	*	7	\$19.18
51-8031	Water and Wastewater Treatment Plant and System Operators	163	165	2	1.23	0	4	4	7	\$15.33
51-8092	Gas Plant Operators	*	*	*	*	*	*	*	7	\$28.41
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	*	*	*	*	*	*	*	7	N/A
51-8099	Plant and System Operators, All Other	*	*	*	*	*	*	*	7	N/A
51-9000	Other Production Occupations	1,003	1,188	185	18.44	24	27	51	N/A	N/A
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	*	*	*	*	*	*	*	7	N/A
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	40	32	-8	-20	0	1	1	7	\$19.83
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	*	*	*	*	*	*	*	7	\$19.87
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	*	*	*	*	*	*	*	7	N/A
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	*	*	*	*	*	*	*	7	\$17.61
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	146	150	4	2.74	0	4	4	7	\$16.71
51-9071	Jewelers and Precious Stone and Metal Workers	*	*	*	*	*	*	*	7	N/A
51-9081	Dental Laboratory Technicians	*	*	*	*	*	*	*	7	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
51-9083	Ophthalmic Laboratory Technicians	*	*	*	*	*	*	*	7	N/A
51-9111	Packaging and Filling Machine Operators and Tenders	*	*	*	*	*	*	*	7	\$12.30
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	*	*	*	*	*	*	*	7	N/A
51-9122	Painters, Transportation Equipment	*	*	*	*	*	*	*	7	N/A
51-9123	Painting, Coating, and Decorating Workers	*	*	*	*	*	*	*	N/A	N/A
51-9151	Photographic Process Workers and Processing Machine Operators	*	*	*	*	*	*	*	7	N/A
51-9193	Cooling and Freezing Equipment Operators and Tenders	*	*	*	*	*	*	*	7	N/A
51-9194	Etchers and Engravers	*	*	*	*	*	*	*	7	N/A
51-9197	Tire Builders	*	*	*	*	*	*	*	7	N/A
51-9198	Helpers--Production Workers	*	*	*	*	*	*	*	N/A	N/A
51-9199	Production Workers, All Other	*	*	*	*	*	*	*	7	N/A
53-0000	Transportation and Material Moving Occupations	8,947	8,532	-415	-4.64	18	189	207	N/A	\$16.38
53-1000	Supervisors of Transportation and Material Moving Workers	262	242	-20	-7.63	0	8	8	N/A	N/A
53-1011	Aircraft Cargo Handling Supervisors	*	*	*	*	*	*	*	7	N/A
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	*	*	*	*	*	*	*	7	\$22.39
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	178	159	-19	-10.67	0	6	6	7	\$23.20
53-2000	Air Transportation Workers	*	*	*	*	*	*	*	N/A	N/A
53-2012	Commercial Pilots	*	*	*	*	*	*	*	7	N/A
53-3000	Motor Vehicle Operators	5,180	5,004	-176	-3.4	11	84	95	N/A	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
53-3021	Bus Drivers, Transit and Intercity	*	*	*	*	*	*	*	7	N/A
53-3022	Bus Drivers, School or Special Client	1,177	1,175	-2	-0.17	0	16	16	7	\$15.35
53-3031	Driver/Sales Workers	291	308	17	5.84	2	5	7	7	\$11.80
53-3032	Heavy and Tractor-Trailer Truck Drivers	2,548	2,266	-282	-11.07	0	43	43	5	\$18.78
53-3033	Light Truck or Delivery Services Drivers	766	772	6	0.78	1	13	14	7	\$15.41
53-3041	Taxi Drivers and Chauffeurs	383	467	84	21.93	8	7	15	N/A	\$10.65
53-3099	Motor Vehicle Operators, All Other	*	*	*	*	*	*	*	N/A	N/A
53-4000	Rail Transportation Workers	*	*	*	*	*	*	*	N/A	N/A
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	*	*	*	*	*	*	*	7	N/A
53-5000	Water Transportation Workers	*	*	*	*	*	*	*	N/A	N/A
53-5021	Captains, Mates, and Pilots of Water Vessels	*	*	*	*	*	*	*	5	N/A
53-5022	Motorboat Operators	*	*	*	*	*	*	*	5	N/A
53-6000	Other Transportation Workers	*	*	*	*	*	*	*	N/A	N/A
53-6021	Parking Lot Attendants	*	*	*	*	*	*	*	N/A	N/A
53-6031	Automotive and Watercraft Service Attendants	*	*	*	*	*	*	*	N/A	N/A
53-6051	Transportation Inspectors	*	*	*	*	*	*	*	7	N/A
53-6099	Transportation Workers, All Other	*	*	*	*	*	*	*	7	N/A
53-7000	Material Moving Workers	3,413	3,189	-224	-6.56	6	93	99	N/A	N/A
53-7011	Conveyor Operators and Tenders	*	*	*	*	*	*	*	N/A	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12

Source: Kentucky Center for Education and Workforce Statistics

EKCEP LWA

Occupational		Employment		Change		Job Openings			Education	Avg.
Code	Title	2014	2024	2014	2024	Avg. Annual 2014-2024			Training Req.	Wage
Code	Title	Estimated	Projected	Number	Percent	Growth	Seps	Total	Code	2016
53-7021	Crane and Tower Operators	*	*	*	*	*	*	*	7	\$20.62
53-7032	Excavating and Loading Machine and Dragline Operators	293	237	-56	-19.11	0	3	3	7	\$21.27
53-7033	Loading Machine Operators, Underground Mining	*	*	*	*	*	*	*	N/A	\$27.13
53-7041	Hoist and Winch Operators	*	*	*	*	*	*	*	N/A	N/A
53-7051	Industrial Truck and Tractor Operators	312	281	-31	-9.94	0	8	8	N/A	\$15.65
53-7061	Cleaners of Vehicles and Equipment	284	319	35	12.32	4	10	14	N/A	\$10.33
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,163	1,191	28	2.41	3	35	38	N/A	\$11.09
53-7063	Machine Feeders and Offbearers	102	86	-16	-15.69	0	2	2	N/A	\$10.15
53-7064	Packers and Packers, Hand	244	226	-18	-7.38	0	6	6	N/A	\$9.06
53-7071	Gas Compressor and Gas Pumping Station Operators	*	*	*	*	*	*	*	7	N/A
53-7072	Pump Operators, Except Wellhead Pumps	*	*	*	*	*	*	*	7	N/A
53-7073	Wellhead Pumps	191	189	-2	-1.05	0	10	10	7	\$21.17
53-7081	Refuse and Recyclable Material Collectors	162	160	-2	-1.23	0	4	4	N/A	\$10.72
53-7111	Mine Shuttle Car Operators	*	*	*	*	*	*	*	N/A	N/A
53-7199	Material Moving Workers, All Other	*	*	*	*	*	*	*	N/A	N/A

*Employment under 10 and/or unreliable data suppressed, N/A Not Available Education and Training Codes Page 12
 Source: Kentucky Center for Education and Workforce Statistics